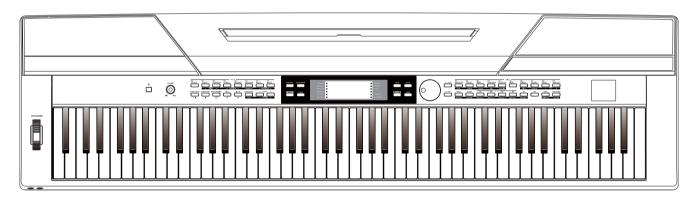
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STAGE PIANO

Owner's Manual



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INFORMATION FOR YOUR SAFETY!

THE FCC REGULATION WARNING (for USA)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Unauthorized changes or modification to this system can void the user's authority to operate this equipment.

CAUTION

The normal function of the product may be disturbed by Strong Electro Magnetic Interference. If so, simply reset the product to resume normal operation by following the owner's manual. In case the function could not resume, please use the product in other location.

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING

Please keep this manual in a safe place for future reference.

Power Supply

Please connect the designated AC adaptor to an AC outlet of the correct voltage.

Do not connect it to an AC outlet of voltage other than that for which your instrument is intended.

Unplug the AC power adaptor when not using the instrument, or during electrical storms.

Connections

Before connecting the instrument to other devices, turn off the power to all units. This will help prevent malfunction and / or damage to other devices.

Location

Do not expose the instrument to the following conditions to avoid deformation, discoloration, or more serious damage:

- Direct sunlight
- Extreme temperature or humidity
- Excessive dusty or dirty location
- Strong vibrations or shocks
- Close to magnetic fields

Interference with other electrical devices

Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions.

Cleaning

Clean only with a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

Handling

Do not apply excessive force to the switches or controls.

Do not let paper, metallic, or other objects into the instrument. If this happens, remove the electric plug from the outlet. Then have the instrument inspected by qualified service personnel.

Disconnect all cables before moving the instrument.

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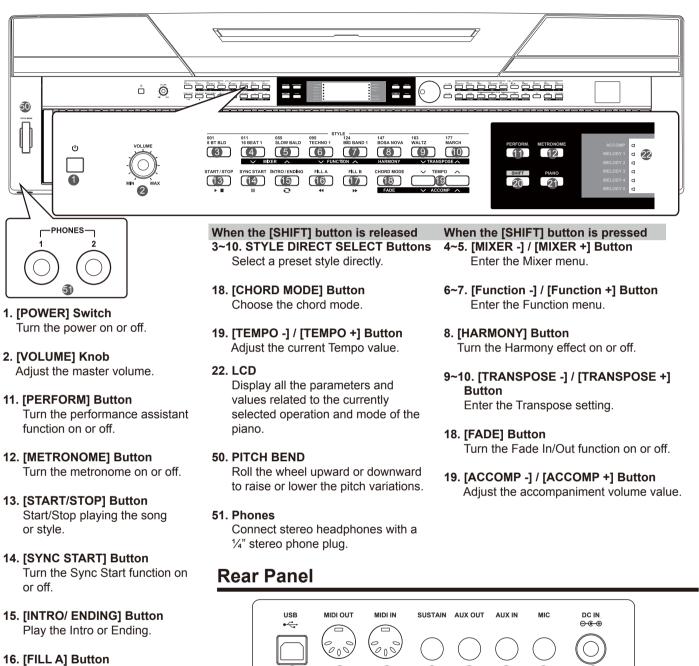
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Panel Description

Front Panel



- Fill-in variation A section.
- **17. [FILL B] Button** Fill-in variation B section.
- **20. [SHIFT] Button** Press and hold [SHIFT], then press other button enables you to execute various commands.
- 21. [PIANO] Button Turn the piano mode on or off.
- 1. USB Terminal Connect to a PC.

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2. MIDI OUT Jack Connect an external MIDI device.

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- 3. MIDI IN Jack Connect an external MIDI device.
- **4. SUSTAIN Jack** Connect a sustain pedal.

5. AUX OUT Jack Connect the audio equipment.

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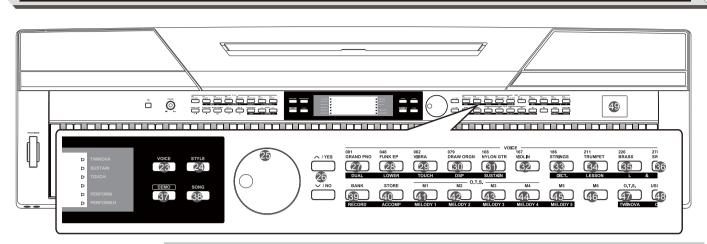
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6. AUX IN Jack Connect some external audio source, such as MP3 or CD player. •

- MIC Jack Connect a microphone with a ¼" stereo phone plug.
- 8. DC 12V Jack Connect the DC 12V power adapter.

Panel Description

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- 23. [VOICE] Button Switch to voice mode.
- 24. [STYLE] Button Switch to style mode.
- 25. DATA DIAL Adjust the parameter value.
- 26. [+/YES] / [-/NO] Button Select operation of the parameter value currently.
- 37. [DEMO] Button Start/Stop demo playback.
- **38. [SONG] Button** Enter the song mode.
- 49. USB Device Connect to USB Device.

When the [SHIFT] button is released 27-36. VOICE DIRECT SELECT Buttons

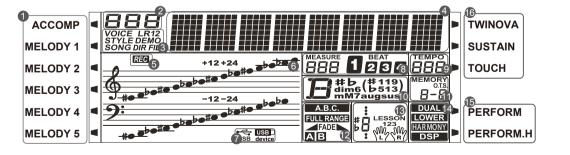
Select a preset voice directly.

- **39. [BANK] Button** Switch between memory banks.
- 40. [STORE] Button Save the registered panel settings.
- 41~46. [M1]~[M6] Buttons Recall the registered panel settings. In O.T.S. mode, only M1-M4 are available.
- [O.T.S.] Button Turn the One Touch Setting function on or off.
- 48. [USB Device] Button Enter the USB Device menu.

- When the [SHIFT] button is pressed
- 27. [DUAL] Button Turn the dual function on or off.
- 28. [LOWER] Button Turn the lower function on or off.
- 29. [TOUCH] Button Set an appropriate touch sensitivity level.
- **30. [DSP] Button** Turn the DSP function on or off.
- **31. [SUSTAIN] Button** Turn the sustain function on or off.
- **32. [DICT] Button** Turn the chord dictionary function on or off.
- 34. [LESSON] Button Enter/Exit the lesson mode.

- **35. LEFT HAND Button** Choose the left hand in Lesson mode.
- **36. RIGHT HAND Button** Choose the right hand in Lesson mode.
- **39. [RECORD] Button** Enter the record mode.
- **40. [ACCOMP] Button** Select the accompaniment track to record.
- 41~45. MELODY 1-5 Button Select the melody 1-5 track to record.
- 47. [TWINOVA] Button Turn the TWINOVA function on or off.
- 48. [OCTAVE] Button In TWINOVA mode, adjust the octave value.

LCD Display



- 1. ACCOMP/ MELODY 1-5
- 2. SERIES NUMBER
- 3. VOICE/STYLE/DEMO/SONG/DIR/FILE
- 4. STRING
- 5. RECORD

- 6. TREBLE/BASS CLEF
- 7. USB CABLE/USB DEVICE 8. MEASURE/BEAT 9. TEMPO 10. CHORD
- 11. MEMORY NUMBER/ONE TOUCH SETTING 12. A.B.C./FULL RANGE/FADE/SECTION
- 13. NOTE INDICATION/LESSON
- 14. DUAL/LOWER/HARMONY/DSP
- 15. PERFORM/PERFORM.H
- 16. TWINOVA/SUSTAIN/TOUCH

Setup

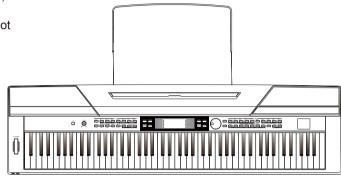
Please use the specified AC adapter, 12V DC output, also pay attention to the polarity when connecting to one end of the AC adapter.

Note:

- **1.** Never attempt to use an AC adapter other than the specified type, otherwise it may cause a fire or electrical shock.
- **2.** For your safety, please disconnect the power when the piano is not used or during a thunderstorm.

Setting a Music Stand

Follow the image on the right, insert the bottom of the music stand into the groove on the top of the instrument's console.



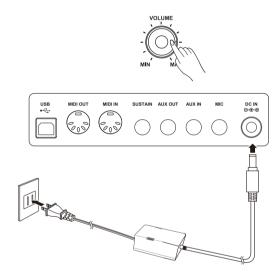
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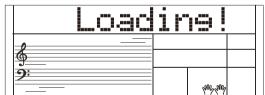
Power Supply

- **1.** Turn down the volume of this instrument and all audio equipment connected.
- 2. Connect the power cable to the AC outlet.
- 3. Plug the AC adapter into the AC outlet.
- **4.** Press the POWER switch, the LCD will display "Loading!", which indicates the piano has been powered on.
- **5.** Press the [POWER] switch for a short while until the LCD off, which indicates the piano has been powered off.

Note:

- The piano will shut down automatically in 30 minutes later if you do not take any action on the piano. Please refer to the "Auto Power Off" for details.
- **2.** For your safety, please remove the electric plug from the outlet when the piano is not to be used for extended periods or during the thunderstorm.





Connections

Connecting a pair of Headphones

A standard pair of stereo headphones can be plugged in here for private practice or late-night playing.

Jack 1: When a pair of headphones is plugged into the jack 1, the sound can be heard from both headphones and speakers of the instrument.

Jack 2: When a pair of headphones is plugged into the jack 2, the internal stereo speaker system is automatically shut off. The sound can only be heard from headphones.

Note:

Listening at excessively high volume levels will not only damage the headphones, but may also cause hearing loss. Use the headphones at a moderate volume level.

Connecting an Audio Equipment

The rear-panel AUX OUT jack delivers the output of the instrument for the connection to a keyboard amplifier, stereo sound system, a mixing console, or a tape recorder.

Use an audio cable to plug into the AUX OUT jack, which is located on the rear board then plug the other end of the cord into AUX IN of the amplifier.

Note:

To avoid damaging the speakers, please ensure that the volume has been set to the minimum level before connecting to the power and other devices.

Connecting a MP3/CD Player

Connect the audio output of an MP3/CD player or other audio source to the stereo AUX IN jack on the rear panel. The input signal is mixed with the piano signal so as to play along.

Connecting a PC or an MIDI Device

MIDI OUT Connector

Connect the instrument MIDI OUT terminal to the MIDI IN terminal of external device via the MIDI cables. All performance data will be transmitted from this connector to connected PC or MIDI devices. This instrument will be used as the MIDI controller. Namely the external sound source can be used through this instrument.

MIDI IN Connector

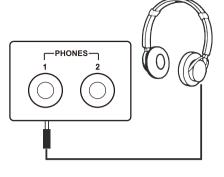
Connect the MIDI IN terminal to PC or the MIDI OUT terminal of external device with MIDI cables. In order to be used as a sound source, all the performance data will be transmitted from other MIDI devices to the instrument.

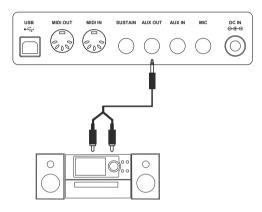
USB Connector

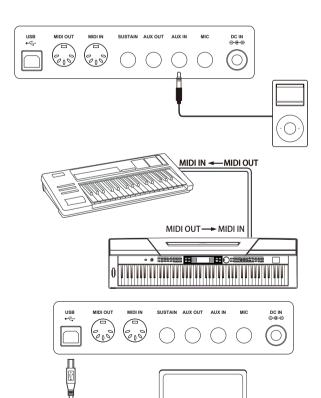
By connecting the USB terminal to PC, the data will be transmitted between the instrument and the PC via the USB cables. For example, you can save your instrument performance data in the PC and playback the saved MIDI file by piano.

Note:

Please do not set the USB audio to be input and output simultaneously when you are setting the software on the PC. Otherwise the sound will be overlapped when play the keyboard.









Connections

Connecting a Foot Switch

To achieve a natural effect, step on the sustain switch when playing. Plug a foot switch (supplied as accessory) into this jack and use it to switch sustain on or off.

You can assign other pedal functions to the sustain pedal. Please refer to the Function Menu for details.

Note:

- 1. This instrument supports not only the MEDELI foot switch, but also those with other brands.
- 2. Please make sure the power is off when connecting the pedal with other brands, otherwise the sequence of switch on/off will be reversed when turning the piano on.

Connecting a Unit Pedal

To simulate a real piano, the unit pedal can be connected to the pedal terminal at the rear bottom of the piano.

It contains three functional pedals: Sustain, Sostenuto, Soft.

Sustain Pedal

Use this pedal to sustain the sound.It also supports the half-pedal operation. Performing with the sustain pedal will achieve a smoothly effect.

Sostenuto Pedal

This pedal sustains only the sounds of the keys that were already played when you pressed the pedal.

Soft Pedal

This pedal is used to make the sound softer. You can assign other pedal functions to the soft pedal. Please refer to the Function Menu for details.

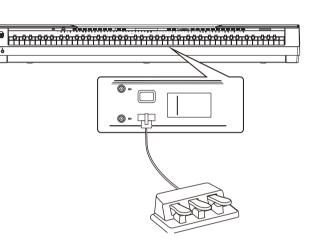
Note:

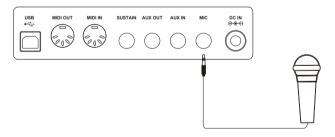
The unit pedal needs to be purchased separately.

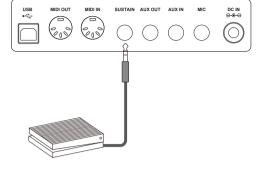
Connecting a Microphone

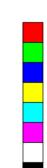
By connecting a microphone, you can enjoy singing along with your keyboard performance or with Song playback (KARAOKE).

- **1.** Before turning the power on, set the master volume to minimal value.
- **2.** Plug the microphone into the [MIC] jack at the rear of the instrument.
- **3.** Turn the power on. Adjust the master volume value while singing through the microphone.









Quick Start

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Power Switch and Master Volume

Power Switch

- Please make sure you have connected the instrument with power correctly.
- **2.** Press the [POWER] switch, the LCD screen lights up, and displays "Loading!", it indicates the instrument is powered on.

Note:

Press the POWER switch, if the LCD screen does not light up, please check the power connection.

Adjust the Master Volume

After starting, rotate the [VOLUME] knob clockwise, the master volume will increase and vice verse . It can be adjusted as required. *Note:*

If the keyboard is in silent, that means the volume has been adjusted to its minimum level or the jack 2 of headphone has been connected.

Playing Demo Songs

This instrument features 5 wonderful demos with different characters. (Please refer to the Demo List for details.)

1. Press the [DEMO] button

Enter the main interface of demo playing back, the LCD displays current demo number and name, meanwhile, all demo songs will play in circle.

- Select Demo Songs Use the data dial or the [+/Yes]/ [-/No] button to select a demo song.
- 3. Press the [START/STOP] button

Press the [DEMO] or [START/STOP] button to stop playing and exit demo mode.

Playing Voices

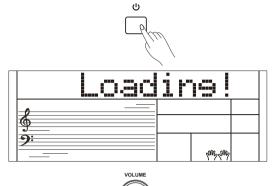
The keyboard has 600 remarkably realistic built-in voices, including Piano, Guitar, Saxophone, Drum Kits and many more. Please refer to Voice List.

- **1.** Press the [VOICE] button Enter the Voice mode. The LCD displays the current default voice name and number.
- 2. Select a Voice.

Use the data dial or the [+/Yes]/ [-/No] button to select the voice you need. You can also use the voice direct buttons to select the desired voice.

3. Play the Voice.

Play the keyboard and listen to the wonderful voice.







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Quick Start

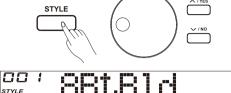
Playing Styles

The instrument features 230 styles in a variety of different musical genres, and 10 more user styles in addition to this. Try to select different styles and playing with the auto accompaniment.(Please refer to the Style List for details.)

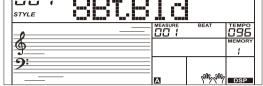
- **1.** Press the [STYLE] button Enter the Style Mode. The LCD displays the current default style name and number.
- 2. Select a Style

Use the data dial or the [+/Yes]/ [-/No] button to select the style you need. You can also use the style direct buttons.

3. Play the Style. Press the [START/STOP] button, directly start a rhythm playing.



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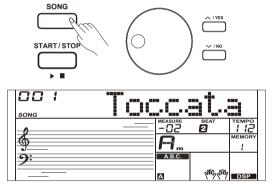
This instrument features 120 preset songs, and 5 more user songs in addition to this. Each preset song can be practiced in learning mode.

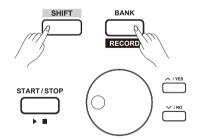
- **1.** Press the [SONG] button Enter the song selection mode. It will play all songs in circle.
- Select a song Use the data dial or the [+/YES]/ [-/NO] button to select the song you want.
- **3.** Press the [START/STOP] button, it will stop playing. Press the button again, it will play the selected song in circle.
- **4.** When the song stops, press either [STYLE] or [VOICE] button to exit the song mode.

Record

This instrument can record up to 5 user songs.

- Holding down the [SHIFT] button and press the [RECORD] button to enter the user song mode, use the data dial or the [+/YES]/[-/NO] button to select a user song to be saved.
- Holding down the [SHIFT] button and press the [RECORD] button to enter the record standby mode, select the voice, style or other parameters to prepare for recording.
- **3.** Press the [START/STOP] button or playing a key on the keyboard to start recording.
- **4.** When recording is in process, holding down the [SHIFT] button and press the [RECORD] button, it will stop recording and exit the record mode, then the current recorded song will play automatically in circle.
- **5.** Press the [SONG] button to select the user song:121~125 for playing back after exiting the record mode.





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Advanced Use

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Playing Voices

This instrument features 600 preset voices (Please refer to the Voice List for details). In order to offer you a better performance experience, we supply some useful effects which can be inserted while playing voices.

Select and Play Main Voice

- Press the [VOICE] button or the voice direct button to enter the VOICE mode. The LCD displays "VOICE R1" and the current voice name and number.
- 2. Select a voice

Use the data dial, or the [+/YES] / [-/NO] button to select the voice you want, also use the voice direct button.

- **3.** Play the voice
- You can play the keyboard and hear the wonderful voice.

Note:

When the DUAL and LOWER function is on, you can press [VOICE] button repeatedly to choose the voice source. The corresponding LCD indication will highlight between R1, R2, and L1.

Playing Two Voices Simultaneously-DUAL

This instrument supports dual function. This function allows two sounds to be layered together, creating a more rich sound. Once you turn the function on, the voice indicated "VOICE R2", when the dual function is off, the voice indicated " VOICE R1".

- **1.** Holding down the [SHIFT] button and press the [DUAL] button to turn the dual function on. The LCD displays DUAL and VOICE 2 will light up, which indicates the name and number of DUAL.
- **2.** Use the data dial or the [+/YES]/ [-/NO] button to select the dual voice you need, also use the voice direct buttons.
- **3.** Play the keyboard, two different voices to be layered together will be heard simultaneously. It seems like two different instruments playing at the same time.
- **4.** Holding down the [SHIFT] button and then press the [DUAL] button again to turn dual function off.

Note:

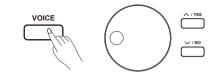
When the keyboard has been split, only the right hand area will respond to the dual voice, the left hand will not respond to it.

Playing Different Voices with Both Hands-LOWER

The lower function splits the keyboard into right and left areas to create two different voices. The left section voice is lower voice. A desired split point can be assigned on the keyboard.

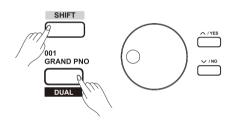
- Holding down the [SHIFT] button and press the [LOWER] button to turn LOWER function on. The LCD displays VOICE L and LOWER will light up, which indicates the name and the number of LOWER.
- **2.** Use the [+/YES]/[-/NO] or voice direct buttons to select the lower voice you want.
- **3.** Play the keyboard.

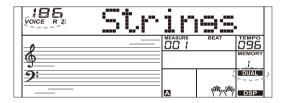
Different voices will be heard between the right-hand and left-hand area.

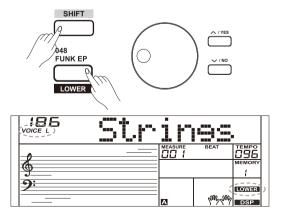














Advanced Use

4. Holding down the [SHIFT] button and press the [LOWER] button again turns LOWER function off.

Split Point

The point on the keyboard which separates voice L and voice R1/R2 is called the "split point". The split point is default set to F#3(34). However you can set the split point to any key you want. (Please refer to "Split Point Setting" part for details)

Touch Sensitivity

The instrument is equipped with a touch response feature which lets you dynamically and expressively control the level of the voice with your playing strength just as on an acoustic instrument. The instrument features 3 touch types to be chosen: off,1,2,3.

- Holding down the [SHIFT] button and press the [TOUCH] button to enter touch settings. The LCD displays the touch setting number. The default number is 2.
- 2. Choose a touch type

When the LCD displays touch setting, using the[+/YES]/ [-/NO] button or data dial or while hold down the [SHIFT] button, press the [TOUCH] button to change touch type. Pressing the[+/YES] and [-/NO] buttons simultaneously will restore the touch value to its default setting: 2.

3. Turn the touch function off

If the LCD displays "OFF Touch", that means no touch response on the keyboard.

Sustain

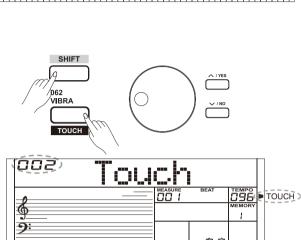
- Holding down the [SHIFT] button and press the [SUSTAIN] button to turn sustain function on. All notes will sustain even after releasing the keys.
- **2.** Holding down the [SHIFT] button and press the [SUSTAIN] button again to exit the sustain function.

Note:

In order to achieve a natural sustain effect, use the sustain pedal.

Pitch Bend

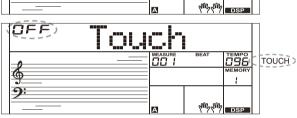
Use the pitch bend wheel to bend notes up (roll the wheel away from you) or down (roll the wheel toward you) while playing the keyboard. The pitch bend wheel is self-centering and will automatically return to normal pitch when released. Use the pitch bend wheel to imitate the guitar, violin, saxophone, urheen, suona and pitch bend effect of other instruments for making your performance more vivid.

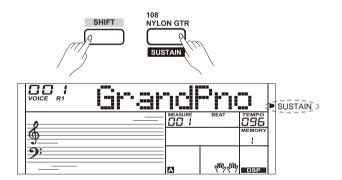


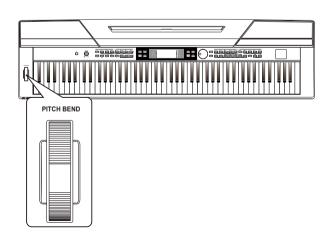
Default Split Point : F#3

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Advanced Use

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Transpose

Transpose function allows the overall pitch of the instrument to be transposed up or down by a maximum of one octave in semitone increments.

- 1. Holding down the [SHIFT] button and press the [TRANSPOSE] button to enter transpose settings. LCD displays the current transpose: "***Transpos".
- 2. When LCD displays "***Transpos", use [TRANSPOSE-]/ [TRANSPOSE+], [+/YES]/ [-/NO] or data dial to change transpose value. The max range is ± 12 semitones.
- 3. Press the[+/YES] / [-/NO] buttons or [TRANSPOSE-] / [TRANSPOSE+] simultaneously to restore the transpose value to its default setting: "000Transpos".

Notes:

- 1. Playing in G key, set the transpose to -05 or 007, and then you can play the G scale using C scale keys.
- 2. Transpose setting is applied to automatic chord accompaniment and full keyboard.

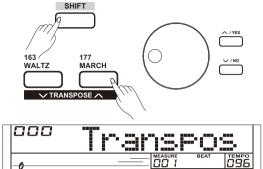
Piano mode

This function is to set the voice of the whole keyboard to the piano instantly.

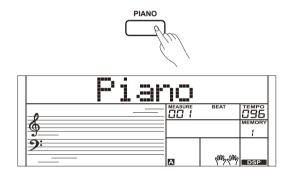
- 1. Press the [PIANO] button to enter/exit piano mode.
- 2. In piano mode, the accompaniment control is the same to other mode. The accompaniment only plays the rhythm part.

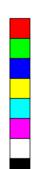
Note:

In piano mode, the CHORD MODE function is automatically turned off.



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Twinova

In Twinova mode, the keyboard is divided into the right area and the left area which creates two parts with the same voice and pitch based on a split point for your convenience on one to one teaching.

- **1.** Holding down the [SHIFT] button and then press the [TWINOVA] button to turn this function on. The "TWINOVA" icon lights up. At the same time, both DUAL and LOWER functions cannot be used under this mode. The default split point is E3 (32).
- 2. The main voice is the default one for either the right-hand part or the left-hand part before entering into the Twinova mode. Use the data dial or the [+/YES]/[-NO] button, to select the desired voice.
- **3.** Holding down the [SHIFT] button, and then press the [TWINOVA] button again to turn off the Twinova function. The "TWINOVA" icon will be off.

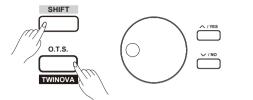
Notes:

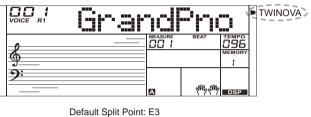
- 1. Twinova is unable to be used under the Songs/Demo playing mode.
- To set the split point of Twinova, please refer to "Split Point Setting" part for details.
- **3.** Octave is invalid unless in the Twinova mode. After adjusting the octave, some highest range or the lowest part of the voice may be silent.

Octave

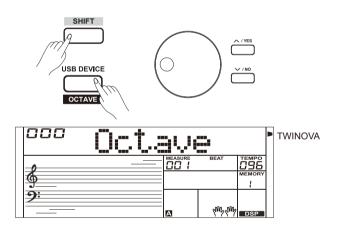
This function can let the whole pitch of the keyboard raise or lower an octave. Only in the Twinova mode, the octave can be adjusted, and the octave in the same region of the keyboard is adjusted together. After exiting the Twinova mode, the keyboard will restore and is unable to be adjusted.

- In the Twinova mode, holding down the [SHIFT] button and press the [OCTAVE] button, the LCD displays the current octave temporarily "xxx Octave". At this time, use the [+/YES]/ [-/NO] button or the data dial to change the octave value, the adjustable range is: -1~ +1. Press the [+/YES] and [-/NO] buttons simultaneously to restore the octave value to its default setting: 000.
- **2.** Without any operation within 5 seconds, the system will exit the Octave mode automatically.









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The auto accompaniment function puts a full backing band at your fingertips. All you have to do is to play the chords with your left hand using your selected accompaniment style, and then the accompaniment will automatically play along, instantly following the chords you play. This keyboard features 230 styles in a variety of different musical genres. Try to select and playing with the style you want . (Please refer to the Style List for details)

Playing Auto Accompaniment (rhythm track only)

1. Press the [STYLE] button

Enter the style mode. The "STYLE" icon on the left-top of the LCD will light up. The LCD displays the name and the number of the current style.

2. Select a style

Use the data dial or the [+/YES]/ [-/NO] button to select a style you want. Or use the style direct buttons.

- Start playing a style Press the [START/STOP] button to start the rhythm tracks of the auto accompaniment. Also press [SYNC START] and then play any key to start the rhythm tracks of the auto accompaniment.
- 4. Press the [START/STOP] again to stop style playing.

Playing Auto Accompaniment (all tracks)

1. Turn the auto accompaniment on

In style mode, press the [CHORD MODE] button to enter the "auto bass chord" (A.B.C.) mode. The keyboard is divided into two sections. Left-hand section is the chord detecting section. Meanwhile the "A.B.C." icon lights up. Now pressing any key in chord detect section (Sync Start status), the fantastic accompaniment will be heard.

Press [CHORD MODE] button again to enter "full range" mode. The "FULL RANGE" icon will light up. The whole keyboard is chord detect section.

2. Start the auto accompaniment

Press the [SYNC START] button and then play a chord in chord detecting section to start the auto accompaniment of all tracks. The accompaniment automatically changes followed by the change of the chord. Press the [START/STOP] button to start the auto accompaniment of the rhythm track, then play a chord in chord detecting section. It will start the auto accompaniment of all tracks.

Note:

The instrument includes 10 user styles. You can use our PC suite to create your own styles.

Accompaniment Sections

A various types of Auto Accompaniment sections which allow you to vary the arrangement of the accompaniment to match the song playing.

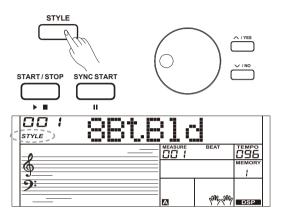
They are: Intro, Main (A, B), Fill (A, B), and Ending. By switching among them during your performance, easily produce the dynamic elements of a professional sounding arrangement .

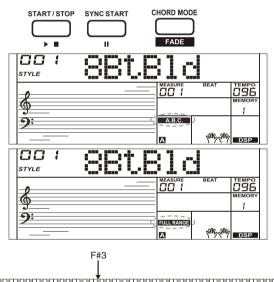
1. INTRO Section

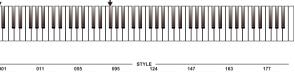
The intro is an opening section of the song. When the intro pattern is finished, the system will automatically shift to the main section.

2. MAIN Section

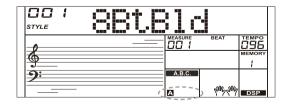
The main is an important section of the song. And it plays an accompaniment pattern and repeat infinitely until another section's button is pressed.













3. FILL-IN Section

Auto fill in function automatically adds a fill to your performance. When the fill-in is finished, accompaniment shifts to the Main section (A,B).

4. ENDING Section

Ending is used for the ending of the song. When the ending is finished, accompaniment automatically stops.

Notes:

- Holding down the [FILL A]/ [FILL B] button when the style is playing, the selected fill-in pattern repeats continuously until button is released.
- 2. Press the [FILL A]/ [FILL B] button when style stops, it will change the preset main section. The "A" or "B" icon lights up.

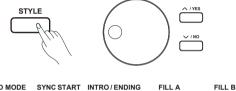
Playing Different Accompaniment Sections

- Press the [STYLE] button or [+/YES]/ [-/NO] button to select a style, also use the style direct buttons or data dial.
- Press the [CHORD MODE] button to enter A.B.C. (auto bass chord) mode.
- 3. Press the [SYNC START] button to turn SYNC START on.
- 4. Press the [FILL A] button, select the Main A section.
- Press the [INTRO/ENDING] button, the "A" icon flashes, and the style is ready to play.
- **6.** It will start the accompaniment as soon as you start playing in Chord section. When the playback of the intro is finished, it automatically leads into Main A section.
- Press the [FILL B] button plays an appropriate fill-in pattern to spice up the rhythm (the "B" icon flashes). When the fill in is completed, it leads smoothly into the main B section.
- **8.** Press the [INTRO/ENDING] button again, and it will enter the ending section. When the ending is finished, the auto accompaniment automatically stops.

Accompaniment Volume Control

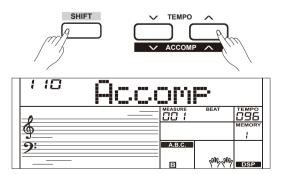
This function is used to adjust the volume of all tracks of accompaniment for balancing the volume between accompaniment part and keyboard voice.

- Holding down the [SHIFT] button and use the [ACCOMP +] or [ACCOMP -] button to adjust accompaniment volume, adjustable range: 0~127, the LCD displays current accompaniment volume value.
- Holding down the [SHIFT] button and then press the [ACCOMP +] and [ACCOMP -] button simultaneously to turn the accompaniment volume off. The LCD displays "OFF Accomp". Press the [ACCOMP +] and [ACCOMP -] button simultaneously again to turn the accompaniment volume on.









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Chord Fingering

How the chords are played or indicated with your left hand (in the auto accompaniment section of the keyboard) is referred to as "fingering". There are 2 types of fingerings as described below.

Chord Basics

A chord, in music, is any harmonic set of three or more notes that is heard as if sounding simultaneously. The most frequently encountered chords are triads. A triad is a set of three notes that can be stacked in thirds. When stacked in thirds, the triad's members, from lowest pitched tone to highest, are called: the Root, the Third, and the Fifth.

Triad Type

There are following basic triad types:

Major Triad	A root with a major third added above and a perfect fifth
	will consist as a "Major Triad".
Minor Triad	A root with a minor third added above and a perfect fifth
	will consist as a "Minor Triad".
Augmented	A root with a major third added above and an
Triad	augmented fifth will consist as an "Augmented Triad".
Diminished	A root with a minor third added above and a diminished
Triad	fifth will consist as a "Diminished Triad".

Chord Inversion

We define this chord its root is not in the bass (i.e., is not the lowest note) as an inversion chord. When the root is in the bass, we call the chord: root-position chord. If we put the Third and Fifth in the root position, then it forms "Inversion", we call this chord "Inversion Chord". See the following major triad and its inverted chord.

Chord Name

The chord name contains two parts content: Chord root and Chord type.

Single Finger

Single-finger makes it simple to produce major, seventh, minor and minor seventh chords by pressing a minimum number of keys on the auto accompaniment section.

Multi-finger

Multi-finger allows you to play chords in normal fingering. Try playing the 32 chord types in C scale as listed on the right.

Note:

In full range mode, the entire keyboard will only recognize chords played in normal fingering.





Major Triad Minor Triad



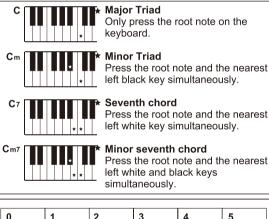
Diminished Triad Augmented Triad

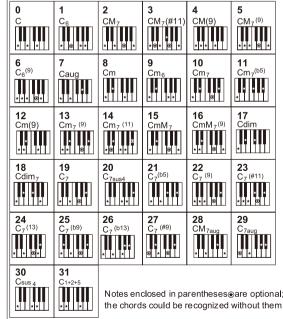


Root Position First Inversion Second Inversion



Chord Root Chord Type







Tempo

Each style of the instrument has been set with a default or standard tempo, however, this can be changed by using the [TEMPO +]/ [TEMPO -] button.

- **1.** Use the [TEMPO +]/ [TEMPO -] button to change the tempo value. While the tempo data is flashing, also use the data dial.
- **2.** Press the [TEMPO+] and [TEMPO-] buttons simultaneously to restore the tempo value to its default setting.

Note:

The default tempo is automatically selected when you select a style in the style standby mode. But the value still keeps the same if you change styles in the playback mode.

Fade In/Out

1. Fade In

Starting the style with fade in produces a smooth beginning, the volume increases from low to high.

Holding down the [SHIFT] button and press the [FADE] button before start the style playback . The "FADE" icon will light up, and then keep flashing with style playing.

2. Fade Out

Stopping the style with fade out produces a smooth ending, the volume decreases from high to low. Holding down the [SHIFT] button and then press the [FADE] button during the style playback. The "FADE" icon lights up, and then keeps flashing with style playing.

3. Fade In/ Out time The default time is 10 seconds.

Metronome

The Metronome function provides a steady beat to help practicing the piano at a consistent tempo.

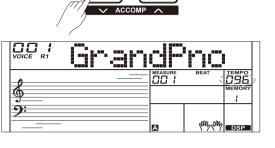
- Turn the metronome on/ off Press the [METRONOME] button to turn metronome function on or off.
- 2. Metronome beat type setting
- Please refer to the "Function Menu" for details.

Notes:

- 1. If turn the metronome on while a style is playing, the click sound will be sounded at the next beat. The metronome time signature will synchronize to a style which is playing.
- 2. If turn the metronome on first, and then play rhythm, the metronome time signature will synchronize to a style which is playing.
- The metronome function is available for recording mode, but it cannot be saved as a recording data.

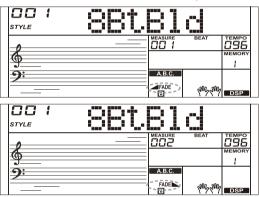
One Touch Setting

Maybe it is not easy to find out a suitable voice to play the song, nevertheless, ONE TOUCH SETTING is the most powerful and relaxed method to solve it. When One Touch Setting is switched on, you can instantly recall all auto accompaniment related settings including voices selection and digital effects simply with a single touch of a button.



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A.B.C.

А

MANA DSP

Mixer

 $\mathbf{\Theta}$

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- **1.** Press the [O.T.S.] button to turn on the One Touch Setting for current style. The "O.T.S" icon will light up. The "MEMORY" icon will be off.
- 2. Press one of the [M1]-[M4] button, various panel settings (such as voice, effect, etc.) that match the selected style can be instantly recalled with just a single button.

One Touch Setting parameter list:

Part ON/OFF . Voice Change Voice Volume Voice Reverb Level Voice Chorus Level

Notes:

- 1. The A.B.C. function is automatically turned on in O.T.S. mode.
- 2. The" Registration Memory" function is invalid in the O.T.S. mode.

M2 M3 O.T.S TWINOVA 00 - 1 -RRT STYLE 2 nn i 6 / O.T.S

9:

055 SLOW BALD 011 16 BEAT 1 SHIFT 120 Rhytk 704 ٩ 1 9

Mixer function can control the volume of different tracks.

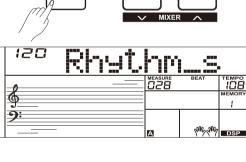
- 1. Holding down the [SHIFT] button and press the [MIXER -] / [MIXER +] button to enter the mixer function menu, the LCD displays the current number. The first rhythm volume value option is "Rhythm s" for the first time, it will keep the last option when you enter the mixer menu again.
- 2. Holding down the [SHIFT] button, and press the [MIXER -] / [MIXER +] button repeatedly to select the track to be setting. Use [+/YES]/ [-/NO] button or data dial to change parameters.

The option and parameters are shown below:

Content	LCD Display	Range
Rhythm s volume	XXX Rhythm_s	0 - 127
Rhythm m volume	XXX Rhythm_ m	0 - 127
Bass volume	XXX Bass	0 - 127
Chord 1 volume	XXX Chord1	0 - 127
Chord 2 volume	XXX Chord2	0 - 127
Chord 3 volume	XXX Chord3	0 - 127
Phrase 1 volume	XXX Phrase1	0 - 127
Phrase 2 volume	XXX Phrase2	0 - 127
Voice R1 volume	XXX Upper 1	0 - 127
Voice R2 volume	XXX Upper 2	0 - 127
Voice L volume	XXX LOWER	0 - 127
U_Disk midi play volume	XXX U_Disk	0 - 127

Note:

Without any operation within 5 seconds, the function menu status will exit automatically.





Harmony

The harmony function will automatically add harmony notes to the notes played in the right-hand section, which gives you a rich and harmonic expression.

Harmony Switch

- Holding down the [SHIFT] button and press the [HARMONY] button to enter harmony mode. The "HARMONY" icon lights up and LCD displays "Duet" which indicates the harmony effect is open, and the type is Duet.
- Holding down the [SHIFT] button and press the [HARMONY] button again to exit harmony mode. The "HARMONY" icon goes out and LCD displays "Off" which indicates the harmony effect is off.
- **3.** This instrument features 26 harmony types. Please refer to the "Function menu" for details.

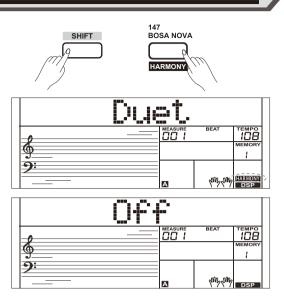
Playing with harmony effect

Open the A.B.C. mode, first play a chord in the chord section, and then the main voice you play in right-hand section will be added with the harmony effect.

Notes:

- 1. The harmony types of 1+5, Octave 1~2, Echo 1~4, Tremolo 1~4 and Trill 1~4 are available whether the A.B.C. is open or not. Other harmony types are available only when the A.B.C. is open.
- 2. The harmony types cannot be recorded in user songs.

Performance Assistant



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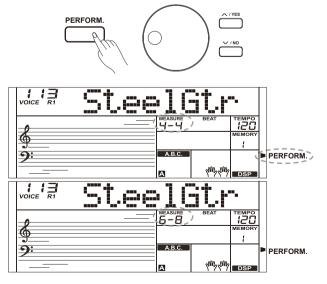
There are 2 voices you can select to perform in performance assistant mode: Guitar, Piano.

What's the Performance Assistant?

Performance assistant is an easy-to-use function. With this function, you will find playing to be more interesting. Even if you are not a keyboard player, the performance assistant will help you to play your familiar instrument voice on the keyboard. If you are a pianist, you can achieve many hard perform skills on the keyboard with the help of this function more easily. Performance assistant will provide many wonderful phrases. Just use several keys and you will perform your own wonderful music.

Enter the Performance Assistant

- **1.** Press the [PERFROM] button to enter the performance assistant mode. The default setting is Guitar Mode. The LCD will display the name and number of Guitar.
- 2. Use the data dial to change the voice you want to perform.
- **3.** The default time signature "4-4" will be displayed on the LCD. In Performance Assistant mode, you can choose the beat between 2/4, 3/4, 4/4, and 6/8 with the [+/YES] / [-/NO] button.



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5. In Performance Assistant mode, use [TEMPO+] / [TEMPO-] to adjust the tempo value.

Guitar Mode

Guitar key map

The Guitar Mode makes you perform a guitar voice with keyboard just like you're playing a real guitar. In this mode you can use some perform skills like strum (5), broken chord (5), echoism (5) and also 2 endings.

Chord part

A0 to B3 is the chord part area. Play a chord in this area.

Sub Area 1

C4 to B4 (only white keys) is the sub area and 1.5 types of broken chord are provided in this area.

Sub Area 2

The 6 keys: C5 to A5 (only white keys) is just like real guitar's 6 strings. Play a free solo in this area.

Rhythm Area

C6 to G6 (only white keys) is the rhythm area. Wonderful styles and strums are provided in this area. Use A6 to B6 to play an ending.

Position Change

Press C7, the guitar voice will be changed to a high position.

Note:

The keys above C7 cannot be responded in this mode.

Playing in Guitar Mode

Play a chord in the chord part

A chord type will be displayed on the LCD and the guitar root note will be sounded.

Play a broken chord in the sub area 1

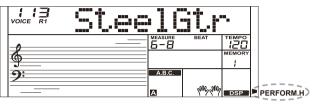
When the chord type displayed, press a white key in the sub area 1, a wonderful broken chord phrase will start. Try to change the white key and you will hear some different types of phrase. Change the chord with your left hand, you will hear the broken chord phrase has a little bit change.

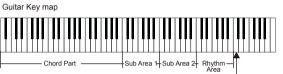
Play a free solo in the sub area 2

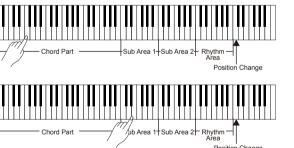
When the chord type displayed, press a white key in the sub area 2 you can play guitar free solo, sounds of which like you're playing a real one. Try to change the chord with your left hand, and play your free solo. The last white key B5 is invalid.

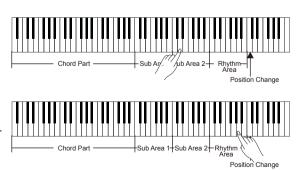
Play a strum rhythm in the rhythm area

When the chord type displayed, press a white key in the rhythm area you can play the magic strum rhythm. Try to change the chord with your left hand, and play your strums.









Performance Assistant

End the guitar performing

Press the A6 or B6 to end your guitar performs. When the ending is finished, the phrase stops automatically.

Play the echoism

All of black keys on Sub area 1, Sub area 2 and Rhythm area are echoism keys. There are 5 kinds of echoism to arrange on the C#, D#, F#, G#, A# circularly.

Change the position

Press the C7, the "PERFORM.H" icon will light up on the LCD. It means that the guitar position has been changed to the High position. Try to play the white keys in sub area 1, Sub area 2 and Rhythm area, listen to the phrase you are performing now.

Piano Mode

Piano Key Map

In Piano Mode, you can easily achieve many hard piano perform skills just like playing the acoustic one. In this mode you can use some perform skills like piano rhythm (5), broken chord (5) and also 3 endings.

The piano key map is similar with the guitar key map. Press A6 to C7 (white keys) to start an ending. All the black keys above C4 are invalid.

Playing in Piano Mode

1. Select Piano Mode

In performance assistant mode, use data dial to select Piano Mode.

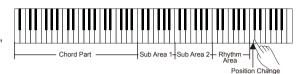
- 2. Play a chord in chord part
- 3. Play phrases and rhythm in sub area and rhythm area.
- **4.** Press the A6, B6 or C7 to end your piano perform. When the ending is finished, the phrase stops automatically.

Exit the Performance Assistant

When the performance is complete, press the [VOICE] / [STYLE] / [SONG]/ [PERFORM] to exit the performance assistant mode.



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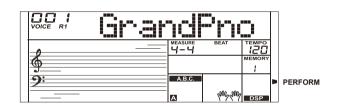


 Piano Key map

 Image: Chord Part

 Chord Part

Sub Area
Rhythm





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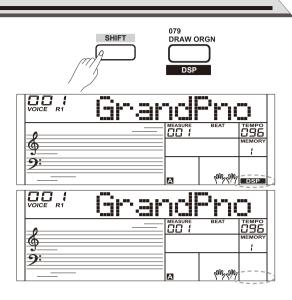
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The DSP effect is the sound localization technology for simulating the sounds in the real environment. With the DSP effect, you can add ambience and depth to your performance in a variety of ways.

The DSP effect is automatically open when the instrument is turned on. Holding down [SHIFT] button and press the [DSP] button to turn the DSP effect on or off. The "DSP" icon lights up.

Note:

It may cause a break or a noise while switching on/off the DSP when the style or the song is playing. It is normal and need not to panic.



Pedal Function

You can assign other pedal functions to the sustain pedal. Please refer to the Function Menu for details.

1. Sustain Pedal (SPd Sust)

This pedal function performs the same function as the damper pedal on an acoustic piano, letting you sustain the sound of voices even after releasing the keys. Step and press on the pedal to turn the sustain effect on. Release the pedal to turn the sustain effect off.

2. Soft Pedal (SPd Soft)

When the soft pedal is selected, pressing this pedal and makes the notes you playing sound softer.

- **3.** Style Start/Stop Pedal (SPd St/T) When the style start/stop pedal is selected, pressing this pedal to start/stop the accompaniment.
- 4. Memory Pedal (SPd Mem)

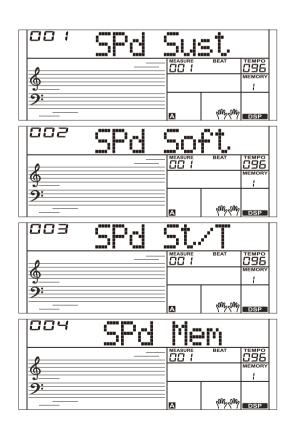
When the memory pedal is selected, pressing this pedal at the first time to call up register memory: M1, and then you can call up register memory M2, M3...by pressing this pedal step by step (There are 48 memories).

The soft pedal of a unit pedal can be assigned with other pedal functions. Please refer to the Function Menu for details.

- 1. Pedal Soft (UPd Soft)
- 2. Pedal St/T (UPd St/T)

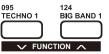
 (\blacklozenge)

3. Pedal Mem (UPd Mem)



Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+] button to enter function menu. The LCD displays the current function menu option. Use the [+/YES]/ [-/NO] button or data dial to set parameters of the current menu.





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The option and parameters are shown below:

CONTENT	LCD DISPLAY	RANGE	DEFAULT
Tune	XXX Tune	-5050	0
Beat Type	XXX Beat	0,29	4
Split Point	XXX Split Pt	188	34
Pedal Type	00X SPd ****	SUST, SOFT, St/T, MEM	SUST (001)
	00X UPd ****	SOFT St/T MEM	Soft (001)
Harmony Type	00X HAR TYPE	Duet, StandardTrio, Full Chord, Rock Duet, Country Duet, Country Trio,	Duet (001)
		Block, 4 Close 1, 4 Close 2, 4 Open, 1+5, Octave1, Octave2, Strum,	
		Echo1, Echo2, Echo3, Echo4, Tremolo1, Tremolo2, Tremolo3,	
		Tremolo4, Trill1, Trill2, Trill3, Trill4	
EQ Type	XXX EQ TYPE	EQ Pop、EQ Rock、EQ Class、EQ Jazz、EQ Dance、EQ Reset	006
			EQ Reset
Reverb Type	XXX Rev TYPE	RevRoom1/RevRoom2/RevRoom3/RevHall1/RevHall2/RevHall3/	004
		Rev Chr1/Rev Chr2/Rev Del/Rev PanD	RevHall1
Reverb Level	XXX Rev Lev	0-127	Current voice
Chorus Type	XXX Chr TYPE	Chorus1/Chorus2/GM Chr1/GMChr2/Flanger1/Flanger2/Rotary1/Rotary2	004
			GM chr2
Chorus Level	XXX Chr Lev	0-127	Current voice
MIDI Receive	XXX Receive	01—16、ALL	ALL
MIDI Transmit	XXX Transmit	01—16	01
Auto Power Off	XXX POWEROFF	Off,30,60	30

Note:

Without any operation within 5 seconds, system will exit the Function mode automatically.

Tune

- This function sets the pitch of entire keyboard in semitone step.
- Holding down the [SHIFT] button and press the [FUNCTION-]/ [FUNCTION+] button repeatedly to select the tune menu. The LCD displays "xxx Tune". Use the [+/YES]/ [-/NO] button or data dial to adjust the tune value.
- **2.** Press the [+/YES] and [-/NO] buttons simultaneously to restore the tune value to its default setting: 000.
 - The setting is applied to both the accompaniment and the voice.

Split Point

The Point on the keyboard that separates voice L and voice R1/R2 is called the "split point". Left hand section controls the auto bass chord accompaniment when the A.B.C. function is on, or it can be used to play the lower voices when the A.B.C. function is off.

 Holding down the [SHIFT] button and press the [FUNCTION-]/ [FUNCTION+] button repeatedly to select split point menu, the LCD displays "*** Split Pt". Use the[+/YES]/[-/NO] button or data dial to change the split point. Adjustable range is: 1~88.









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- **2.** Press the[+/YES] and [-/NO] buttons simultaneously restore the split point value to its default setting: F#3 (34).
- **3.** In TWINOVA function, the adjustable range of split point is C3~C6 (28~64). Press the [+/YES] and [-/NO] buttons simultaneously to restore the split point to its default setting: E3 (32).

Note:

The key of the split point belongs to the left hand.

Beat Type

- Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+] button repeatedly to select beat type menu. The LCD displays "***Beat". Use the[+/YES]/ [-/NO] button or data dial to change beat type. The adjustable range is: 0, 2~9.
- **2.** Press the [+/YES] and [-/NO] buttons simultaneously to restore the beat type value to its default setting: 004.

Pedal Type

- Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+] button repeatedly to select the sustain pedal type menu. The LCD displays "00x SPd xxxx". Use the [+/YES] / [-/NO] button or data dial to change pedal type.
- **2.** Press the [+/YES] and [-/NO] buttons simultaneously restore the pedal type to its default setting: 001 SPd (Sust).
- **3.** Follow the operation in Step 1 to assign functions to the soft pedal of a unit pedal, except that the LCD displays "00X UPd xxxx".

All pedal types are shown below:

-					
	No.	Sustain Pedal	LCD	Soft Pedal	LCD
		(Assignable Functions)		(Assignable Functions)	
ſ	1	Sustain Pedal	SPd Sust	Soft Pedal	UPd Soft
ſ	2	Soft Pedal	SPd Soft	Start/Stop Pedal	UPd St/T
ſ	3	Start/Stop Pedal	SPd St/T	Memory Switch Pedal	UPd Mem
ſ	4	Memory Switch Pedal	SPd Mem		

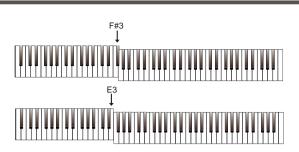
EQ Type

Equalizer is a sound processor that can be used to adjust the gain value of each frequency band of sound, different gain value settings can make a different sound field effect. You can select one of the 6 preset EQ settings in the EQ display.

- Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+] button repeatedly to select the EQ type menu. The LCD displays "001 EQ Pop ". Use the [+/YES] / [-/NO] button or data dial to change EQ type.
- **2.** Press the [+/YES] and[-/NO] buttons simultaneously to restore the EQ type to its default setting: 006 EQ Reset.

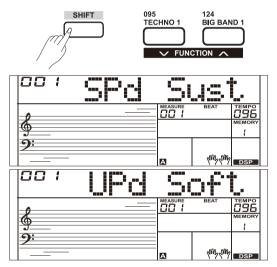
The EQ types are shown below:

No.	LCD	EQ Type
1	EQ Pop	Рор
2	EQ Rock	Rock
3	EQ Class	Classical
4	EQ Jazz	Jazz
5	EQ Dance	Dance
6	EQ Reset	Reset

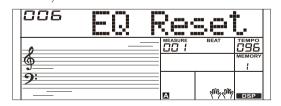














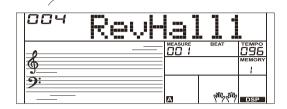
Reverb Type

- Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+] button repeatedly to select the reverb type menu. The LCD displays "001 Rev Hall 1". Use the[+/YES]/ [-/NO] button or data dial to change reverb type.
- **2.** Press the [+/YES] and [-/NO] buttons simultaneously restore the reverb type to its default setting: 004 Rev Hall1.

LCD	Reverb Type
RevRoom1	Room 1
RevRoom2	Room 2
RevRoom3	Room 3
RevHall1	Hall 1
RevHall2	Hall 2
RevHall3	Hall 3
Rev Chr1	Church 1
Rev Chr2	Church 2
Rev Del	Delay
Rev PanD	Pan Delay
	RevRoom2 RevRoom3 RevHall1 RevHall2 RevHall3 Rev Chr1 Rev Chr2 Rev Del

The reverb types are shown below:





Reverb Level

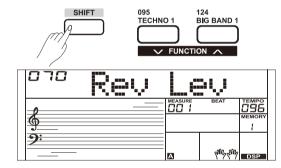
- Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+] button repeatedly to select reverb level. The LCD displays "*** Rev Lev". Use the [+/YES]/ [-/NO] button or data dial to change reverb level, adjustable range is: 0-127
- **2.** Press the [+/YES] / [-/NO] button simultaneously to restore the reverb level to its default setting: 070.

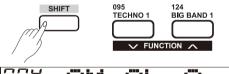
Chorus Type

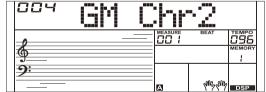
- Holding down the [SHIFT]button and press the [FUNCTION-] or [FUNCTION+] button repeatedly to select chorus type menu. The LCD displays "004 GM Chorus2". Use the [+/YES]/ [-/NO] button or data dial to change chorus type. You can select one of the 8 preset in the Chorus Type.
- **2.** Press the [+/YES]/ [-/NO] buttons simultaneously to restore the chorus type to its default setting: 004 GM Chorus2.

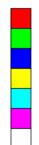
The chorus types are shown below:

No.	LCD	Chorus Type
1	Chorus1	Chorus 1
2	Chorus2	Chorus 2
3	GM Chr1	GM Chorus 1
4	GM Chr2	GM Chorus 2
5	Flanger1	Flanger 1
6	Flanger2	Flanger 2
7	Rotary1	Rotary 1
8	Rotary2	Rotary 2









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Chorus Level

- Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+] button repeatedly to select chorus level menu. The LCD displays "*** Chr Lev", Use the [+/YES]/ [-/NO] button or data dial to change chorus level, adjustable range is: 0-127.
- **2.** Press the [+/YES] and [-/NO] buttons simultaneously to restore the chorus level to its default setting: 000.

Harmony Type

СМ

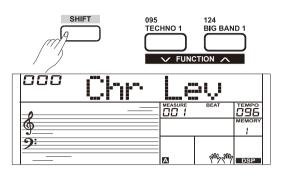
CMY

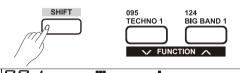
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- Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+]button repeatedly to select harmony type menu. The LCD displays "001 Duet". Use the [+/YES]/ [-/NO] button or data dial to change harmony type.
- **2.** Press the [+/YES] and [-/NO] buttons simultaneously to restore the harmony type to its default setting: 001 Duet.

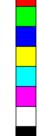
The harmony types are shown below:

No.	LCD	Harmony Type
1	Duet	Duet
2	STD Trio	Standard Trio
3	FulChord	Full Chord
4	RockDuet	Rock Duet
5	CtryDuet	Country Duet
6	CtryTrio	Country Trio
7	Block	Block
8	4Close1	4 Close 1
9	4Close2	4 Close 2
10	4 Open	4 Open
11	1+5	1+5
12	Octave1	Octave 1
13	Octave2	Octave 2
14	Strum	Arpeggio
15	Echo1	Echo1
16	Echo2	Echo2
17	Echo3	Echo3
18	Echo4	Echo4
19	Tremolo1	Tremolo1
20	Tremolo2	Tremolo2
21	Tremolo3	Tremolo3
22	Tremolo4	Tremolo4
23	Trill1	Trill1
24	Trill2	Trill2
25	Trill3	Trill3
26	Trill4	Trill4









MIDI IN

- Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+] button to select the MIDI In menu. The LCD displays "*** Midi In". Use the[+/YES]/ [-/NO] button or data dial to adjust MIDI in channel: 1~16, ALL.
- 2. Press the[+/YES] and [-/NO] buttons simultaneously to restore the MIDI In channel to its default setting: ALL.

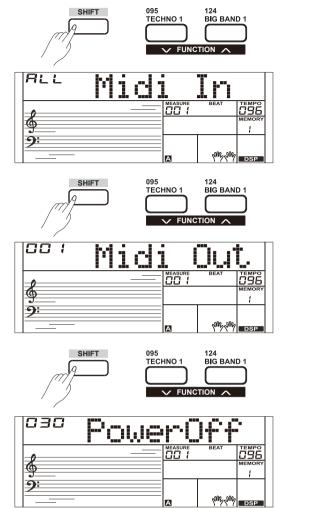
MIDI OUT

- Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+] button repeatedly to select MIDI Out menu. The LCD displays "*** MIDI Out". Use the [+/YES]/ [-/NO] button or data dial to adjust MIDI Out channel: 1~16.
- **2.** Press the [+/YES] and [-/NO] buttons simultaneously to restore the MIDI out channel to its default setting: 001.

Auto Power Off

This function is used to set the auto power off time.

- Holding down the [SHIFT] button and press the [FUNCTION-] or [FUNCTION+] button repeatedly to enter the auto power off menu. The LCD displays "*** Power Off". Use the [+/YES]/ [-/NO] button or data dial to change auto power off time: 30 minutes, 60minutes or OFF.
- **2.** Press the[+/YES] and [-/NO] buttons simultaneously to restore the auto power off time to its default setting: 030(30 minutes).



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Registration Memory

This instrument has a Registration Memory feature that lets you save your favorite settings for easy recall whenever they are needed

Registering the Panel Setting

1. There are 8 memory banks, and each bank has 6 memories (M1-M6).

 Holding down the [STORE] button and press one of the registration memory buttons: [M1] - [M6]. Notice that the new settings will replace the previous memory data.

Note:

Press the[STORE] and [M1] button simultaneously then power on, the registration memory will be restored to its default setting.

Recalling the Registered Panel Settings

Press one of the registration memory buttons: [M1] - [M6]. If you choose bank 1, and then press [M1] button, the panel settings stored in the memory 1 of bank 1 are recalled. Meanwhile the LCD displays "1-1".

Note:

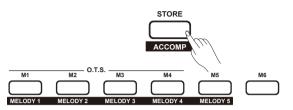
Registration data cannot be recalled when the One Touch Setting function is on.

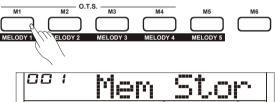
Selecting a Registration Bank

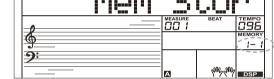
- **1.** Press the [BANK] button. The LCD will display the current bank number.
- 2. Press the [BANK] button repeatedly to select bank settings: 1~8.
- **3.** You can save following parameters into [M1]-[M6].

Voice Parameter: including main voice, dual, lower, DSP and mixer. Accompaniment Parameter: including style, tempo, chord mode on/off and section selection.

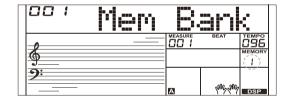
Function Parameter: including touch, part parameters in function menu.

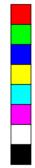












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Record

With the easy-to-use song recording features, you can record your own keyboard performances as a user song. 5 user songs can be recorded, and you can record up to a total of 6 tracks: 5 MELODY tracks and 1 ACCOMP track, each track can be recorded individually.

Start Recording

Before you start recording, you need to select a user song to keep the recording song.

- 1. Holding down the [SHIFT] button and press the [RECORD] button to enter user song selection mode. The LCD displays "RecSong1" and the sequence number. Use the data dial, or the [+/YES] / [-/NO] button to select the user song you want to record.
- 2. Holding down the [SHIFT] button and press the [RECORD] button again to enter record preparation mode. The "REC" icon will light up, four beats and the system automatically selected empty track "Melody1" or other track keeps flashing on the LCD.
- **3.** In the recording preparation status, you can adjust parameters such as the voice, style and tempo. When recording a new song, the system will automatically select "Melody 1" as the recorded track. Holding down the [SHIFT] button and press "ACCOMP" (or "MELODY1" to "MELODY 5") to make your own selection.

The ACCOMP track and one of MELODY track can be recorded at the same time, but it cannot record two MELODY tracks simultaneously.

4. Press the [START/STOP] button or play the keyboard to start recording. When choosing the ACCOMP track and A.B.C. is open, play an effective chord in left-hand section or press the [START/STOP] button to start recording.

Select a Track

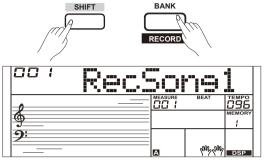
There are 3 states of the track cursor on the LCD: blinking, light and off. Blinking: It means the track was chosen for recording. If the track has recorded data, the original data will be replaced.

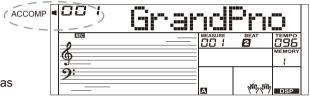
Light: It means this track have recorded data, which will be played back during the recording process for other track.

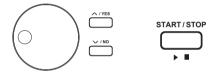
Off: It means no data in this track, or this track have recorded data but cannot be played back. The 3 states can be switched by repeatedly press the relevant button to select "ACCOMP" track, "MELODY 1" track or "MELODY 2" track.

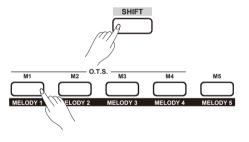
Notes:

- 1. Record style with accompaniment track, and record melody with melody track.
- 2. In the recording preparation status, you can repeatedly press the [ACCOMP], [MELODY 1] ~ [MELODY 5] button to shift track state. When recording an existing song, the keyboard will automatically select the empty track next to the occupied track. For example, if "Melody 1" is occupied, then "Melody 2" will be selected as the record track. When all 6 tracks have been recorded, select the "melody 1" track to save recordings.











Record

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Stop Recording

- **1.** When recording is in process, holding down the [SHIFT] button and press the [RECORD] button to stop recording.
- 2. When recording is in process, if the memory is full, the recording will stop and save automatically, and the LCD displays "Rec_Full". If you choose the accompaniment recording, the recording will stop automatically when the ending of the rhythm finishes.

Playback Recording

- 1. When recording is in process, holding down the [SHIFT] button and press the [RECORD] button, it will stop recording and enter the song play mode, the LCD displays its default name "UserSong" and the number of user song, the current recorded song will play automati-cally in circle.
- 2. Press the [SONG] button to enter the song mode and it will play all songs circularly. Use the data dial, or the[+/YES] / [-/NO] button to select a song, there are 125 songs in all, including 5 user songs (121~125). If there is no data in the selected user song, it will display "NoFile!" and stop playing in circle.
- **3.** Press the [START/STOP] button to play a user song or select one user song in the song standby mode. Press the [START/STOP] button, this user song will be played in circle automatically.

Notes:

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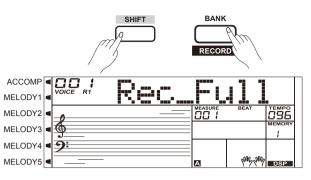
- **1.** We have programmed power-off protection, all data of user songs will not be erased even the instrument is powered off.
- To mute a track, simply press the button of selected track and the related cursor goes out, this track will have no sound when the song is played.

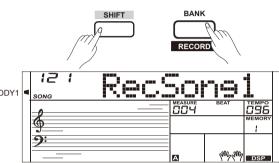
Delete User Song

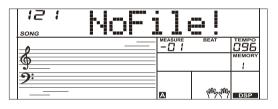
- **1.** While holding the [RECORD] and [SONG] buttons simultaneously turn power on, all user songs will be erased.
- 2. In the recording preparation status, holding down the [SHIFT] button and press the [RECORD] button for two seconds, the LCD will display "Delete?". Now hold down the [SHIFT] button and then press [ACCOMP] (or [MELODY 1] to [MELODY 5]) button to select the track you want to delete.

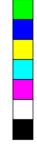
In the delete user song mode, the lightened track icon means this track you want to delete. Otherwise, it means the track you want to keep. If all track icons light up, it means you will delete the whole user song after confirmation.

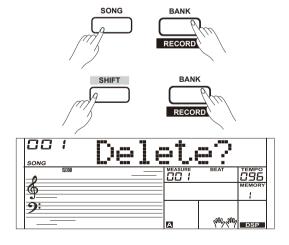
3. Choose the track you want to delete, press [+/YES] to confirm and the recorded data in this track will be delete. Press [-/NO] to quit this step, and go back to the recording preparation status.











Song

The instrument has 120 songs in all, and each song has equipped with learning mode.

Listening to the Songs

- **1.** Press the [SONG] button to enter the song mode. The LCD shows "SONG" icon and it will play all songs circularly.
- 2. Use the data dial or the[+/YES] / [-/NO] button to select a song.
- **3.** In song playing mode, press the [START/STOP] button to stop playing without exit the song mode. Press the [START/STOP] button again to play the current song in circle.
- **4.** When the song is stopped, press the[STYLE] or[VOICE] button to exit the song mode.

Song Control

1. Introductory Beat

Before the prelude of the song starts to playback, it has the introductory beat. The measure starts from the negative value. And the melody starts to play when the measure value comes to "1".

2. REW, FF and PAUSE

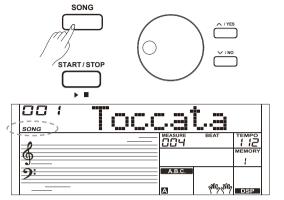
When the song is playing:

Press the [\blacktriangleright] button to fast forward the song.

Press the [\prec] button to rewind the song (base on the measure). Press the [μ] button to pause the playing song, press again to continue playing.

3. Song Repeat

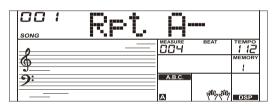
When playing the song, press the [\bigcirc] to set the loop begin and press it again to set the loop end. When in loop status, press [\bigcirc] again to quit the loop playing status.



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Lesson Mode

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The lesson mode includes 3 buttons: [LESSON]/[LEFT]/[RIGHT]. The 3 buttons will work only in song mode and when song stops playing.

 Holding down the [SHIFT] button and press the [LESSON] button to enter the LESSON mode. The default setting is right-hand lesson. Press the [LEFT] button to choose left-hand lesson. Press the [RIGHT] button to choose right- hand lesson. Press [LEFT] and [RIGHT] button simultaneously to choose the bothhands lesson.

Press the [START/STOP] or [SONG] button to start lesson mode.

2. Switching lesson mode is not allowed in the process. After lessons, the system will mark automatically. No score will be on the LCD if stop learning in the process.

Notes:

- 1. Not every song can give practices for both hands.
- **2.** For your convenience, the LCD displays the keys of rhythm or chord in the song mode.

Lesson 1

- Holding down the [SHIFT] button and press the [LESSON] button to enter the lesson mode. The lesson 1 icon lights up on the LCD. In Lesson 1 mode, the system only grades the time value of the performance, but not the pitch or the chord.
 - If [RIGHT] is selected, it will mute melody of right hand and you will have to follow the time value of the right hand. As long as the time value is correct, the melody will sound.
 - If [LEFT] is selected, it will mute the changing chord and melody by left hand. You will have to follow time value of the left hand. As long as the time value is correct, the chord/melody will sound.
 - If [LEFT] and [RIGHT] are selected, the chord/melody of left hand and the melody of right hand will be muted.
- **2.** Press the [START/STOP] / [SONG] button to start practice. Your performance will be evaluated by system.

Lesson 2

- **1.** Holding down the [SHIFT] button and press the [LESSON] button twice to enter the lesson 2 mode. The lesson 2 icon lights up on the LCD. In LESSON 2 mode, the keyboard only grades your accuracy of pitch. The song stops until you play the correct note. The main melody will be hidden when you choose the right-hand lesson. The main melody and the chord will be hidden when you choose the left-land lesson.
- **2.** Press the [START/STOP] / [SONG] button to start to practice. The system will give you a fair mark after lesson.

Note:

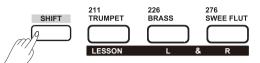
In this state, the note sounds only you play the right one.

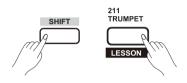
Lesson 3

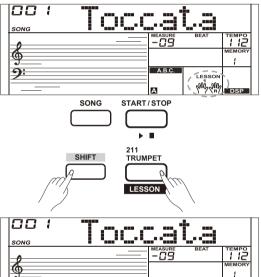
- Holding down the [SHIFT] button and press the [LESSON] button thrice to enter "Lesson 3" Mode. The lesson 3 icon lights up on the LCD. The system grades the accuracy of both pitch and timing of notes when the song is playing. You must play the right notes in time with the correct value. The rhythmic accompaniment is still playing even if no notes are played.
- **2.** The main melody will be hidden when you choose the right -hand lesson. The main melody and the chord will be hidden when you choose the left-land lesson. Press [LEFT] and [RIGHT] button simultaneously to choose both-hands lesson.
- **3.** In LESSON 3 mode, hold down the [SHIFT] button, then press again the [LESSON] button to turn off the lesson mode, the icon on LCD will be off.

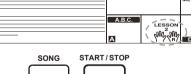
Note:

In this lesson mode, the notes are sounded whether they are right or wrong.

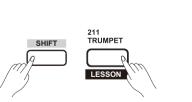








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Chord Dictionary

If you know the name of a chord but don't know how to play it, you can use the Chord Dictionary function. You can learn the chord and test in this features.

DICT 1 (Chord Learning Mode)

Holding down the [SHIFT] button and press the [DICT.] button to enter the DICT 1 mode, the LCD displays "Dict.1" and the A.B.C. is automatically turned on.

In DICT 1 mode, the keys C4~B5 are used to assign the Chord Type, the keys C6~B6 are used to assign the Chord Root.

When the Chord Type and Chord Root are confirmed, the LCD will display the Chord and its keyboard position. For example, if you want to play a CM7 Chord, press the C6 key to specify C as the chord root. The root note you set will be shown on the LCD but the note does not sound. Refer to the picture on the right for assigning the Chord Root.

Press the E4 key to specify M7 as chord type. The notes you should play for the specified chord (root and chord type) are shown on the LCD as the notation and also the screen printing of the panel. When the Chord Type and Chord Root are confirmed, the LCD will display the chord and its keyboard position. A prompt sound will be heard when you play it correctly in the chord section of the keyboard.

DICT 2 (Chord Examining Mode)

Holding down the [SHIFT] button and press the [DICT.] button to enter the DICT 2 mode. This is an Examining mode. The chord area on the LCD will display a random chord while the keyboard position does not display anything on LCD.

When you play the correct chord within 3 seconds, the next chord (random) will be displayed on LCD to wait for the correct chord playing. If not, LCD will display the corresponding keyboard position automatically.

In DICT 2 mode, holding down the [SHIFT] button, and then press the [DICT.] button again to turn off chord dictionary.

Note	Chord Root	Note	Chord Type	Note	Chord Type
C6	С	C4	М	C5	7(b9)
C#6	C#/Db	C#4	M(9)	C#5	7(9)
D6	D	D4	6	D5	7(#9)
Eb6	Eb/D#	Eb4	mM7	Eb5	7(b13)
E6	E	E4	M7	E5	7(13)
F6	F	F4	М	F5	7(#11)
F#6	F#/Gb	F#4	M(9)	F#5	dim7
G6	G	G4	M6	G5	dim
Ab6	Ab/G#	Ab4	M7(9)	Ab5	7aug
A6	A	A4	M7	A5	aug
Bb6	Bb/A#	Bb4	M7b5	Bb5	7sus4
B6	В	B4	7	B5	sus4

24 Chords are indicated in the display as shown bel	OW:
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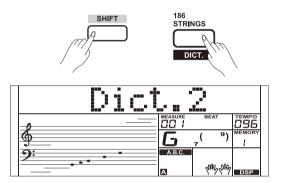


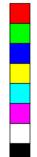
SHIFT

186 STRINGS

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Connecting a USB Device

There is a standard USB Storage Device external interface which supports the USB Storage Device of $16M \sim 32G$ capability. It is compatible with the file system format of the FAT 16/32. It is better to use the USB Storage Device which is formatted by the keyboard. Please do not edit these files which come from the keyboard in PC.

USB Device Operation

- **1.** In the mode, use the key as following: [USB DEVICE], [START/STOP] /[+/YES], [-/NO], data dial and [START/STOP].
- 2. Press [USB DEVICE] button to enter mode, press again to exit mode.
- **3.** If the USB Storage device has been inserted before press the [USB DEVICE] button, the LCD will display "Wait...!". After the initialization finished, the LCD displays "Play".
- **4.** If the initialization failed, the LCD will display "DiskErr!".If the USB Device has not been inserted, the LCD will displays "NoDisk!"
- **5.** In the mode, use data dial to choose menu, or use the [+/YES] button to the next operation, press [-/NO] to return to the previous menu.
- 6. In USB Storage mode, a directory includes 512 files at most. The LCD displays "DIR" for directory, "FILE" for files. Press the [USB Device]/ [STYLE]/[SONG] button to exit USB Device mode.
- **7.** When playing the MIDI files, press the [MIXER] button to adjust the volume.
- **8.** You can only execute the operations of "Load", "Save", "Format" with the files in the directory "MMKD".

Note:

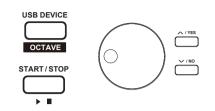
The "MMKD" folder will be generated automatically when user data is saved to the USB storage device.

Play

- Press [USB DEVICE] button to enter mode, use data dial to choose "Play".
- **2.** Press the [+/YES] button, the LCD will display the name of MIDI and sub-directory.
- **3.** When you choose a sub-directory, the LCD will display its name and the icon will light up. Press the [+/YES] button to enter in.
- 4. Use data dial to choose a MIDI file. Press [START/STOP] to play the MIDI file in circle. Press [+/YES] to start all files playback in circle. Press [START/STOP] again to stop.
- **5.** Press the [+/YES] button to return to previous menu when the LCD displays "..".

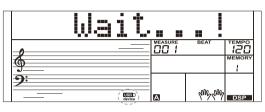
Load

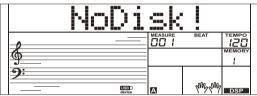
- Press the[USB DEVICE]button to enter USB Storage mode. Use data dial to choose "Load".
- **2.** Press [+/YES] to the enter subdirectory menu.

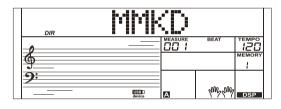


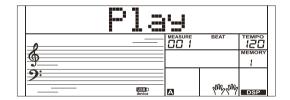
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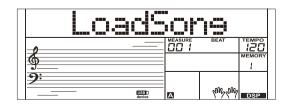












Connecting a USB Device

Load song

- Select the menu "LoadSong" and press the [+/YES] button, the MIDI files in the "SONG" directory of USB Storage Device are displayed on the LCD, use data dial to choose the file to be loaded.
- **2.** Press the [+/YES] button to confirm the file needed, the user song number will be displayed on LCD, select them by using data dial.
- **3.** Press the [+/YES] button, "Sure?" will be displayed on LCD, press the [+/YES] button to load the file or press the [-/NO] button to cancel.

Load Style:

- Select the menu "LoadSty" and press the [+/YES] button, the style files in the "STYLE" directory of USB Storage Device are displayed on the LCD, select styles by using data dial.
- **2.** Press the [+/YES] button to confirm the file needed, the user style number will be displayed on LCD, select them by using data dial.
- **3.** Press the [+/YES] button, "Sure?" will be displayed on LCD, press the [+/YES] button to load the file or press the [-/NO] button to cancel.

Load Memory:

- Select the menu "LoadMem" and press the [+/YES] button, the mem files in the "MEMORY" directory of USB Storage Device are displayed on the LCD. You can select memories by data dial.
- **2.** Press the [+/YES] button, "Sure?" will be displayed on LCD, press the [+/YES] button to load the file or press the [-/NO] button to cancel.

Save

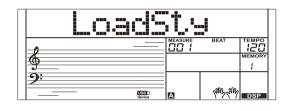
- Press the [USB DEVICE] button to enter USB Storage mode, use data dial to choose "SAVE".
- 2. Press the [+/YES] button to enter subdirectory of saving. Use data dial to choose "SaveSong", "SaveSty", "SaveMem" and "SaveVoic".

For example:

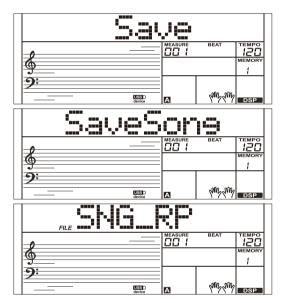
- Enter in the "Save Song" mode, press the [+/YES] button, the LCD will display the current name and the number of user song. Use data dial to choose songs to be saved.
- Select the song to be saved, press the [+/YES] button, the LCD displays "SNG_", use the keyboard to edit the name. After that. Press the [+/YES] button, the LCD will display "Sure?" Press the [+/YES] button to save. press the [-/NO] button to cancel.
- If the name is same as an exiting song, the LCD will display "SameName", and then you should edit another name to be saved. Operations in Style, Voice and Memory setting will be same as the name of user song.

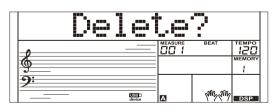
Delete

- Press the [USB] button to enter USB Storage mode, use data dial to choose "Delete". Press [+/YES] to enter delete menu, which includes "UserSong", "UserSty", "UserMem" and "UserVoic". Use data dial to select one.
- 2. Select the data to be deleted, press the [+/YES] button to enter current menu. Select the one to be deleted, press the [+/YES] button, the LCD displays "Sure?" .Press [+/YES] to delete, press [-/NO] to cancel.



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Connecting a USB Device

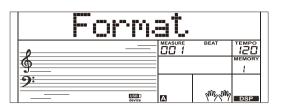
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Format

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Press the [USB] button to enter USB Storage mode, use data dial to Choose "Format". Press [+/YES] to format the USB Storage Device, the LCD displays" Sure?" .Press [+/YES] to format the USB Storage, press [-/NO] to cancel.



Note:

Formatting will delete all user data in the USB Storage Device!

Keyboard and ASCII Character Relative Table:

NOTE	C#2	D2	Eb2	E2	F2	F#2	G2	Ab2	A2	Bb2	B2
LETTER	DEL	BACK	NEXT	A	В	С	D	E	F	G	Н
			_		_						
NOTE	C3	C#3	D3	Eb3	E3	F3	F#3	G3	Ab3	A3	Bb3
LETTER	Ι	J	K	L	M	N	0	Р	Q	R	S
NOTE	B3	C4	C#4	D4	Eb4	E4	F4	F#4	G4	Ab4	A4
LETTER	Т	U	V	W	Х	Y	Z	0	1	2	3
NOTE	Bb4	B4	C5	C#5	D5	Eb5					
LETTER	4	5	6	7	8	9					

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MIDI Functions

By using the MIDI functions you can expand your musical possibilities. This section explains what MIDI is, and what it can do, as well as how you can use MIDI on your instrument.

What's MIDI?

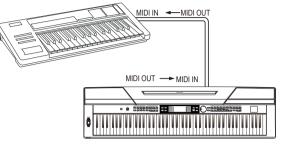
- 1. MIDI (short for Musical Instrument Digital Interface) allows a wide variety of electronic musical instruments, computers and other related devices to connect and communicate with one another. MIDI carries event messages that specify notation, pitch and velocity, control signals for parameters such as volume, vibrato, audio panning, and program change information to change the voice selections.
- 2. The instrument can output the real-time playback information via MIDI messages and control external MIDI devices. The instrument can also accept incoming MIDI messages and generate sound accordingly.

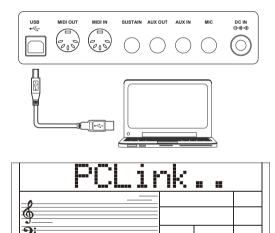
Note:

The USB connector belongs to USB device which can only be connected with PC. It is not allowed to be connected with the USB port of other instrument unless the one belongs to HOST.

Downloading Data from the PC

- **1.** Connect a standard USB cable between the USB jack of the instrument and the USB terminal of your PC.
- Power on the instrument first, and then open the PCSUITE software in your PC, the "PCLink.." will be displayed on LCD, which indicates the PCSUITE has been connected successfully with the instrument.
- **3.** You can download MIDI files to the instrument as user songs or upload the user songs. You can upload user styles to the PC as a backup or download them to the instrument.





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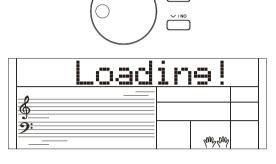


Restore Factory Setting

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By pressing some designated combinations of buttons and keeping for a while, and then starting the instrument. This instrument will execute some special functions.

Restore Factory Setting Holding down [+/YES] and [-/NO] buttons simultaneously and then turn the [POWER] switch on, the instrument will be restored to its default setting. It will delete all the user data: user styles, user songs and registered memory. The LCD will display "Loading!". After the restore process is completed, the instrument will start normally. Handle with care!



STORE

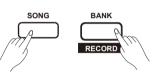
ACCON

Restore the Registered Panel Settings

Holding down [STORE] and [M1] buttons simultaneously and then turn the [POWER] switch on , the instrument will be restored to its default setting. It will delete all data of registered memory. Handle with care!

Delete User Songs

Holding down [SONG] and [RECORD] buttons simultaneously and then turn the [POWER] switch on, the system will delete all user songs. Handle with care!



M1

MELODY

Troubleshooting

Problem	Possible Cause and Solution
The speakers produce a pop sound when the power is turned ON or OFF.	This is normal , please no cause for alarm.
No sound when the keyboard is played.	 Make sure that the volume is set to an appropriate level. Check the headphones if they are connected to the PHONES jack 2. Make sure the R1/R2/L voice volume (in the Mixer) is set to an appropriate level.
When using a mobile phone, noise is produced.	Using a mobile phone close to the instrument may produce interference. To avoid this, turn off the mobile phone or use it further away from the instrument.
The auto accompaniment does not play back even Sync is in standby status and a key is pressed.	Please try to start accompaniment by playing a key in the right-hand section of the keyboard. To start the accompaniment with Sync Start, make sure to play a key in the left-hand section of the keyboard.
Certain notes sound at wrong pitch.	Make sure that the tuning value is set to 0 . Holding down the [+/YES] and [-/NO] buttons simultaneously, then turning the power on will set the instrument to its default setting.
The Harmony function does not operate.	Harmony cannot be turned on when a drum kit is selected for the voice R1.
The instrument cannot be recognized after connecting with PC via USB cable.	Please check if the USB cable is being connected firmly, or try to connect another USB port of the PC, without the need to install another driver on the PC.

Notice:

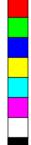
If you notice any abnormality cannot be handled, please connect the provider or specified repair station, and have the instrument inspected by qualified service personnel.

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Specifications

Keyboard & Display	
Keyboard	88 Hammer-Action Keys
Touch Response	3 Types, Off
Display	Multi-functional LCD
Voices	
Polyphony (max.)	128
Voices	600
Layer	Left, Right1, Right2
Split	Yes Yes
Duo (Twinova) Styles	res
Styles	230 preset, 10 user
Style Control	Start / Stop
	Sync Start
	Intro / Ending
	Main A / Fill in A
	Main B / Fill in B
	A.B.C.
	Fade In / Out
Otale Orest	Accomp volume
Style Creator	Yes (PC software)
O.T.S.	Yes 32
Chord Types Effects	J2
Effects	DSP on / off
Master EQ	6 types
Reverb	10 types, 128 levels
Chorus	8 types, 128 levels
Performance Enhance	
Harmony	26 types
Performance Assistant	Yes
Song & Recording	
Music Library	120 preset songs, Music tutorial system
Sequencer	5 user songs (5 melody + 1 accomp.)
Demo Song Pitch Adjustment	0
Transpose	-12 ~ +12
Папэрозс	
Octave	-1 ~ +1 (Twinova)
Octave Tuning	
Octave Tuning Other Functions Mixer	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks)
Octave Tuning Other Functions Mixer	-1 ~ +1 (Twinova) -50 ~ +50
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks)
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.)
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.)
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI Standard stereo
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input Output	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input Output Power Supply	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI Standard stereo Standard stereo
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input Output Power Supply Power	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI Standard stereo Standard stereo DC12V / 2A
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input Output Power Supply Power Power Off Protection	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI Standard stereo Standard stereo
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input Output Power Supply Power Power Off Protection Amplifiers & Speakers	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI Standard stereo Standard stereo Standard stereo Standard stereo Standard stereo
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input Output Power Supply Power Power Off Protection Amplifiers & Speakers Amplifiers	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI Standard stereo Standard stereo Standard stereo DC12V / 2A Yes 10W x 2
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input Output Power Supply Power Power Off Protection Amplifiers & Speakers	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI Standard stereo Standard stereo Standard stereo DC12V / 2A Yes 10W x 2 10W x 2
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input Output Power Supply Power Power Off Protection Amplifiers & Speakers Speakers	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI Standard stereo Standard stereo Standard stereo DC12V / 2A Yes 10W x 2
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input Output Power Supply Power Power Off Protection Amplifiers & Speakers Amplifiers Speakers	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI Standard stereo Standard stereo Standard stereo DC12V / 2A Yes 10W x 2 10W x 2
Octave Tuning Other Functions Mixer Performance Memory Assignable Controllers Pitch Bend Metronome Tempo Other control Connections Interaction & Expansion External Drive Microphone Phones Pedals MIDI USB Input Output Power Supply Power Power Off Protection Amplifiers & Speakers Speakers	-1 ~ +1 (Twinova) -50 ~ +50 Yes (12 tracks) 8 preset banks x 6 Sustain pedal Yes 0, 2 ~ 9 30 ~ 280 Chord dictionary USB MIDI, PC software USB flash drive (32G max.) Yes 2 standard stereo Unit pedal, Sustain pedal In, Out USB MIDI Standard stereo Standard stereo DC12V / 2A Yes 10W x 2 10W x 2 20W x 2

* All specifications and appearances are subject to change without notice.



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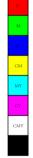


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NO.	English Name	LCD Name
Pian		
1	Acoustic Grand Piano	GrandPno
2	Acoustic Grand Piano 2	GrandPn2
3	Acoustic Grand Piano 3	GrandPn3
4	Acoustic Grand Piano (wide)	GrandPnW
5	Acoustic Grand Piano (dark)	GrandPnD
6	Bright Acoustic Piano	BritePno
7	Bright Acoustic Piano 2	BritePn2
8	Bright Acoustic Piano 3	BritePn3
9	Bright Acoustic Piano (wide)	BritePnW
10	Electric Grand Piano	E.Grand
11	Electric Grand Piano 2	E.Grand2
12	Electric Grand Piano (wide)	E.GrandW
13	Electric Grand Piano (dark)	E.GrandD
14	Honky Tonk Piano	HnkyTonk
15	Honky Tonk Piano 2	HnyTonk2
16	Honky Tonk Piano (wide)	HnyTonkW
17	Honky Tonk Piano (dark)	HnyTonkD
18	Harpsichord	Harpsi
19	Harpsichord 2	Harpsi2
20	Harpsichord (octave mix)	HarpsiO
21	Harpsichord (wide)	HarpsiW
22	Harpsichord (with key off)	HarpsiOf
23	Octave Grand Piano	OctPno
24	Octave Grand Piano 2	OctPno2
25	Piano & Strings	Pno&Str
26	Piano & Pad	Pno&Pad
27	Piano & Choir	Pno&Cho
28	Piano & EP	Pno&EP
29	Piano & Vibraphone	Pno&Vib
30	Detuned Electric Piano	DetunEP
31	Detuned Electric Piano 2	DetunEP2
32	Electric Piano	E.Piano
33	Electric Piano 2	E.Piano2
34	Electric Piano 3	E.Piano3
-	Electric Piano 4	E.Piano4
36	Electric Piano 1 (velocity mix)	E.PnoV1
37	Electric Piano 2 (velocity mix)	E.PnoV2
38	60's Electric Piano	60'sEP
39	EP Legend	EPLegend
40	Phase EP	PhaseEP
41	Clavi	Clavi
42	Clavi 2	Clavi2
43	Phase Clavi	PhaseClv
44	Wah Clavi	WahClv
45	Pulse Clavi	PluseClv
46	Dream EP	DreamEP
47	Tremolo EP	TremoEP
48	Funk EP	FunkEP
49	Warm EP	WarmEP
50	Choir EP	ChoriEP
51	Wah EP	WahEP
51		
52	Modern EP	ModernEP

Chr	omatic Percussion	
54	Celesta	Celesta
55	Celesta 2	Celesta2
56	Celesta 3	Celesta3
57	Glockenspie	Glocken
58	Glockenspiel 2	Glocken2
59	Music Box	MusicBox
60	Music Box 2	MuscBox2
61	Music Box 2 Music Box 3	MuscBox2 MuscBox3
62	Vibraphone	Vibra
63	Vibraphone 2	Vibra2
64	Vibraphone (wide)	VibraW
65	Marimba	Marimba
66	Marimba 2	Marimba2
67	Marimba (wide)	MarimbaW
68	Xylophone	Xylophon
69	Xylophone 2	Xylopho2
70	Xylophone 3	Xylopho3
71	Tubular Bells	TubulBel
72	Tubular Bells 2	TubulBe2
73	Church Bell	ChurBell
74	Carillon	Carillon
75	Dulcimer	Dulcimer
76	Dulcimer 2	Dulcime2
77	Santur	Santur
Org	lan	1
78	Italian 60's Organ	60'sOrgn
79	Drawbar Organ	DrawOrgn
80	Drawbar Organ 2	DrawOrg2
81	Detuned Drawbar Organ	DeDraOrg
82	Drawbar Organ 3	DrawOrg3
83	Detuned Percussive Organ	DePerOrg
84	Percussive Organ	PercOrgn
85	Percussive Organ 2	PercOrg2
86	70's Percussive Organ	70'sPcOr
87	Percussive Organ 3	PercOrg3
88	Rock Organ	RockOrgn
89	Rock Organ 2	RockOrg2
90	Rock Organ 3	RockOrg3
91	Church Organ	ChurOrgn
92	Church Organ 2	ChurOrg2
93	Church Organ 3	ChurOrg3
94	Church Organ (octave mix)	ChurOrgO
95	Detuned Church Organ	DeChuOrg
96	Reed Organ	ReedOrgn
97	Reed Organ 2	ReedOrg2
98	Rotary Organ	RotyOrgn
99	Puff Organ	PuffOrgn
100	Accordion	Acordion
101	Accordion 2	Acordin2
102	Accordion 3	Acordin3
103	Harmonica	Harmnica
104	Harmonica 2	Harmnic2
105	Harmonica 3	Harmnic3
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106	Tango Accordion	TangoAcd
107	Tango Accordion 2	TangAcd2
Gui	tar	
108	Acoustic Guitar (nylon)	NylonGtr
109	Acoustic Guitar (nylon) 2	NylonGt2
110	Acoustic Guitar (nylon) 3	NylonGt3
111	Acoustic Guitar (nylon + key off)	NylGtrOf
112	Ukulele	Ukulele
113	Acoustic Guitar (steel)	SteelGtr
114	Acoustic Guitar (steel) 2	SteelGt2
115	12-Strings Guitar	12StrGtr
116	Mandolin	Mandolin
117	Mandolin 2	Mandoli2
118	Steel Guitar with Body Sound	SteelBdy
119	Electric Guitar (jazz)	JazzGtr
120	Electric Guitar (jazz) 2	JazzGtr2
121	Electric Guitar (pedal steel)	PedalGtr
122	Electric Guitar (clean)	CleanGtr
	Electric Guitar (clean) 2	CleanGt2
	Electric Guitar (detuned clean)	DetCInGt
125	Mid Tone Guitar	MidTonGt
126	Electric Guitar (muted)	MutedGtr
127	Electric Guitar (muted) 2	MutedGt2
128	Electric Guitar (funky cutting)	FunkGt
	Electric Guitar (muted velo-sw)	MutVelGt
130	Jazz Man	JazzMan
131	Overdriven Guitar	Ovrdrive
132	Overdriven Guitar 2	Ovrdriv2
133	Guitar Pinch	GtPinch
134	Distortion Guitar	DistGtr
135	Distortion Guitar 2	DistGtr2
136	Distortion Guitar (with feedback)	FeedbkGt
137	Guitar Feedback	GtrFedbk
138	Distorted Rhythm Guitar	DistRyth
139		GtrHarmo
140	Guitar Harmonics 2	GtHarmo2
141	Velocity Nylon Guitar	NvInGtVe
Bas		
	Acoustic Bass	AcoBass
143		AcoBass2
144		WahBass
145		FngrBass
146		FngrSlap
147		PickBass
148		PickBas2
149	, , , , , , , , , , , , , , , , , , ,	Fretless
150		Fretles2
151	Slap Bass	SlapBass
152		SlapBas2
153	•	SlapBas3
154	1	SlapBas4
155	· ·	SynBass
		SynBass2
156	Synth Bass 2	LOVIDASS/

158	Synth Bass 4	SynRass4
	Synth Bass 4	SynBass4
159	Warm Synth Bass	WarmBass
160	Rsonance SynBass	ResoBass
161	Clavi Bass	ClavBass
162	Hammer	Hammer
163	Attack Bass	AtackBas
164	Synth Bass (rubber)	RubbBass
165	Synth Bass (rubber) 2	RubbBas2
166	Attack Pulse	AtackPls
	ngs & Orchestral	A finality
167	Violin	Violin
168	Violin 2	Violin2
169	Violin (slow attack)	SIViolin
170	Viola	Viola
171	Viola 2	Viola2
172	Cello	Cello
173	Cello 2	Cello2
174	Contrabass	Contrabs
175	Contrabass 2	Contrbs2
176	Tremolo Strings	TremStr
177	Tremolo Strings 2	TremStr2
178	Tremolo Strings 3	TremStr3
179	Pizzicato Strings	PizzStr
180	Pizzicato Strings 2	PizzStr2
181	Orchestral Harp	Harp
182	Orchestral Harp 2	Harp2
183	Yang Chin	YangChin
184	Timpani	Timpani
185	Timpani 2	Timpani2
186	String Ensembles	Strings
187	String Ensembles 2	Strings2
188	String Ensembles 3	Strings3
189	String Ensembles 4	Strings4
190	Strings & Brass	Str&Bras
191	60's Strings	60'sStr
192	Synth Strings	SynStrs
193	Synth Strings 2	SynStrs2
194	Synth Strings 3	SynStrs3
195	Synth Strings 4	SynStrs4
196	Synth Strings 5	SynStrs5
197	Choir Aahs	ChoirAah
198	Choir Aahs 2	ChorAah2
199	Choir Aahs 3	ChorAah3
200	Voice Oohs	VoiceOoh
201	Voice Oohs 2	VoicOoh2
202	Humming	Humming
203	Anlong Voice	AnlVoice
204	Synth Voice	SynVoice
205	Synth Voice 2	SynVoic2
206	Orchestra Hit	OrchHit
207	Orchestra Hit 2	OrchHit2
208	Bass Hit Plus	BassHit
209	6th Hit	6thHit

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VoiceList

Bras		
211	Trumpet	Trumpet
212	Trumpet 2	Trumpet2
213	Dark Trumpet	DarkTrp
214	Trombone	Trombone
215	Trombone 2	Trmbone2
216	Trombone 3	Trmbone3
217	Bright Trombone	BritBone
218	Tuba	Tuba
219	Tuba 2	Tuba2
220	Muted Trumpet	MuteTrp
221	Muted Trumpet 2	MuteTrp2
222	Muted Trumpet 3	MuteTrp3
223	French Horn	FrHorn
224	French Horn 2	FrHorn2
225	French Horn 3	FrHorn3
226	Brass Section	Brass
227	Brass Section 2	Brass2
228	Brass Section 3	Brass3
229	Synth Brass	SynBrass
230	Synth Brass 2	SynBras2
231	Synth Brass 3	SynBras3
232	Synth Brass 4	SynBras4
233	Synth Brass 5	SynBras5
234	Synth Brass 6	SynBras6
235	Synth Brass 7	SynBras7
236	Synth Brass 8	SynBras8
237	Analog Synth Brass	AnaBrass
238	Analog Synth Brass 2	AnaBras2
239	Analog Synth Brass 3	AnaBras3
240	Jump Brass	JumpBras
241	Jump Brass 2	JumpBrs2
242	Funny	Funny
243	Funny 2	Funny2
Ree		
	Soprano Sax	SprnoSax
	Soprano Sax 2	SprnSax2
246	Soprano Sax 3	SprnSax3
247	Alto Sax	AltoSax
248	Alto Sax 2	AltoSax2
249	Alto Sax 3	AltoSax3
250	Tenor Sax	TenorSax
250	Tenor Sax 2	TenoSax2
252	Tenor Sax 3	TenoSax3
252	Baritone Sax	BariSax
253	Baritone Sax 2	BariSax BariSax2
254	Baritone Sax 3	BariSax3
255 256	Oboe	Oboe
257	Oboe 2	Oboe2
258	Oboe 3	Oboe3
259	2 Oboes	20boes
260	English Horn	EngHorn
261	English Horn 2	EngHorn2

2632 English Horns2 English264BassoonBassoon265Bassoon 2Bassoon3266Bassoon 3Bassoon32772 Bassoons2 Bassoons288ClarinetClarinet270Clarinet 2Clarine22712 Clarinets2 ClarinesPiccoloPiccolo 2274Piccolo 3Piccolo 22752 Piccolo 3Piccolo 3276Sweet FluteSweeFlut277Flute 4Flute 2278Flute 2Flute 2279Flute 3Flute 32802 FlutesSecorder281RecorderRecorder282Recorder 2Recorder2832 Recorders2 Recorder284Pan FlutePanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSweanFlu287Blown BottleBottle288Blown Bottle 2Bottle299ShakuhachiShakhchi290ShakuhachiShakhchi291WhistleWhistle292WhistleSquarLd293Ocarina 2Ocarina2294Lead 1 (square) 3SquarLd295Lead 1 (square) 4SawLead3296Lead 1 (square) 3SawLead3297Lead 2 (sawtooth) 3SawLead3298Lead 2 (sawtooth) 2SawLead3299Lead 2 (sawtooth) 3SawL			
265Bassoon 2Bassoon3266Bassoon 3Bassoon32672 Bassoons2Bassoons268ClarinetClarinet269Clarinet 2Clarine2270Clarinet 3Clarine32712 Clarinet 3Clarine3272PiccoloPiccolo273Piccolo 2Piccolo 2274Piccolo 3Piccolo 22752 Piccolos2Picolos276Sweet FluteSweeFlut277Flute 2Flute2278Flute 2Flute2279Flute 3Flute32802 Flutes2Flute3281RecorderRecorder282Recorder 2Recorder2832 Recorder 2PanFlute284Pan FlutePanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSweanFlu287Blown Bottle 2Bottle288Blown Bottle 2Shakhchi290Shakuhachi 2Shakhchi291Whistle 2Whistle292Vhistle 2Whistle293Ocarina 2Ocarina294Lead 1 (square) 3SquarLd3295Lead 1 (square) 2SawLead3296Lead 2 (sawtooth) 3SawLead3300Lead 2 (sawtooth) 3SawLead3301Lead 2 (sawtooth) 3SawLead3302Lead 2 (squenced analog) 2SquArLd2303Lead 2 (squenced analog) 2Squ	263	2 English Horns	2EngHons
266Basson 3Basson32672 Bassons2 Bassons268ClarinetClarinet269Clarinet 2Clarine2270Clarinet 3Clarine32712 ClarinetsClarine3272PiccoloPiccolo273Piccolo 2Piccolo 2274Piccolo 3Piccolo 32752 Piccolos2Picolos276Sweet FluteSweeFlut277Flute 3Flute2278Flute 2Flute32802 FlutesFlute3281RecorderRecorder282Recorder 2Recorder2832 Recorder 32 Recorder284Pan FlutePanFlute285Pan Flute 2PanFlut2286Sweet Pan Flute 3Shaknchi287Blown Bottle 2Bottle288Blown Bottle 2Shaknchi290Shakuhachi 2Shakhchi291Whistle 2Whistle292Vhistle 2Quarina293OcarinaOcarina294Ocarina 2SquarLd3295Lead 1 (square) 3SayLead3296Lead 2 (sawtooth) 3SawLead3307Lead 2 (sawtooth) 2SawLead3308Lead 2 (sawtooth) 3SawLead3309Lead 2 (sawtooth) 3SawLead3301Lead 2 (sawtooth) 3SawLead3302Lead 2 (sawtooth) 3SawLead3303Lead 2 (sawtooth) 3SawL	264	Bassoon	Bassoon
2672 Bassoons2 Bassoons268ClarinetClarinet269Clarinet 2Clarinet 2270Clarinet 3Clarine32712 Clarinet 3Clarine3272PiccoloPiccolo273Piccolo 2Piccolo2274Piccolo 3Piccolo32752 Piccolos2Picolos276Sweet FluteSweeFlut277Flute 2Flute278Flute 2Flute 2279Flute 3Flute 32802 Flutes2Flutes281RecorderRecorder282Recorder 2Recorder2832 Recorder 2Recorder284Pan Flute 2PanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSwPanFlu287Blown Bottle 2Bottle2288Blown Bottle 2Bottle2289ShakuhachiShakhchi290ShakuhachiShakhchi291WhistleWhistle292WhistleWhistle293OcarinaOcarina294Lead 1 (square) 3SquarLd3295Lead 1 (square) 12SawLead3296Lead 1 (square) 2SquarLd3297Lead 2 (sawtooth) 2SawLead3308Lead 2 (sawtooth) 2SawLead3309Lead 2 (sawtooth) 3SawLead3300Lead 2 (sawtooth) 4SawLead3301Lead 2 (sawtooth) 4SawLead3 <td>265</td> <td>Bassoon 2</td> <td>Bassoon2</td>	265	Bassoon 2	Bassoon2
268ClarinetClarinet269Clarinet 2Clarine2270Clarinet 3Clarine32712 Clarinets2 ClarinsPipeVerticePiccolo272Piccolo 2Piccolo2273Piccolo 3Piccolo3274Piccolo 3Piccolo32752 Piccolos2Picolos276Sweet FluteSweeFlut277FluteFlute2278Flute 2Flute3279Flute 3Flute32802 Flutes2Flutes281RecorderRecorder282Recorder 2Recorder2832 Recorders2Recordes284Pan FlutePanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSwePanFlu287Blown Bottle 2Bottle2288Blown Bottle 2Shakuhchi290Shakuhachi 12Shakuhchi291WhistleWhistle2293OcarinaOcarina294VertariaSquart.d3295Lead 1 (square) 3Squart.d3296Lead 1 (square) 2Squart.d3297Lead 2 (sawtooth) 2SawLead3308Lead 2 (sawtooth) 3SawLead3309Lead 2 (sawtooth) 1DubSawL301Lead 2 (sawtooth) 2SawLead3302Lead 2 (sawtooth) 3SawLead3303Lead 2 (sawtooth) 3SawLead3304Lead 2 (sawtooth) 4 <t< td=""><td>266</td><td>Bassoon 3</td><td>Bassoon3</td></t<>	266	Bassoon 3	Bassoon3
269Clarinet 2Clarine 3Clarine 3270Clarinet 3Clarine 32712 Clarinets2 ClarinsPiccoloPiccolo272Piccolo 2Piccolo 2274Piccolo 3Piccolo 32752 Piccolos2 Piccolos276Sweet FluteSweeFlut277FluteFlute 2278Flute 2Flute 2279Flute 3Flute 32802 Flutes2Flutes281RecorderRecorder282Recorder 2Recorde2832 Recorder 2Recorde284Pan Flute 2PanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSwPanFlu287Blown Bottle 2Bottle288Shakuhachi 2Shakuhchi290Shakuhachi 2Shakuhchi291WhistleWhistle292Whistle 2Whistle293OcarinaOcarina294VarinaSquarLd2295Lead 1 (square) 3SquarLd2296Lead 1 (square) 3SawLead3301Lead 2 (sawtooth) 1SawLead3302Lead 2 (sawtooth) 2SawLead3303Lead 2 (sawtooth) 3SawLead3304Lead 2 (sawtooth) 3SawLead3305Lead 2 (sawtooth) 3SawLead3306Wavy SawtoothWavySaw307Bauble LeadBaubleLd <trr<td>308Lead 2 (sawtoot</trr<td>	267	2 Bassoons	2Basoons
270Clarinet 3Clarines2712 Clarinets2 ClarinsPipePiccoloPiccolo273Piccolo 2Piccolo 2274Piccolo 3Piccolo 32752 Piccolos2 Piccolo 3276Sweet FluteSweeFlut277FluteFlute 2278Flute 2Flute 2279Flute 3Flute 32802 Flutes2Flutes281RecorderRecorder282Recorder 2Recorde2832 Recorder 2Recorde284Pan Flute 2PanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSwPanFlu287Blown Bottle 2Bottle2288Blown Bottle 2Bottle2299ShakuhachiShakhchi290Shakuhachi 2Shakhchi291Whistle 2Whistle2293OcarinaOcarina294Ocarina 2Ocarina295Lead 1 (square) 2SquarLd3296Lead 1 (square) 2SawLead3297Lead 1 (square) 3SawLead3298Lead 2 (sawtooth) 2SawLead3299Lead 2 (sawtooth) 2SawLead3200Lead 2 (sawtooth) 2SawLead3201Lead 2 (squenced analog)SquAnLd2298Lead 2 (squenced analog)SquAnLd2299Lead 2 (squenced analog)SquAnLd2201Lead 2 (squenced analog)SquAnLd2	268	Clarinet	Clarinet
2712 Clarinets2 ClarinsPipe272PiccoloPiccolo273Piccolo 2Piccolo 2274Piccolo 3Piccolo 32752 Piccolos2Picolos276Sweet FluteSweeFlut277Flute 1Flute 2278Flute 2Flute 2279Flute 3Flute 32802 Flutes2Flutes281RecorderRecorder282Recorder 2Recorder2832 Recorder 2PanFlute284Pan Flute 2PanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSwPanFlu287Blown Bottle 2Bottle2288Blown Bottle 2Bottle2299ShakuhachiShakhchi290Shakuhachi 2Shakhch2291Whistle 2Whistle2293OcarinaOcarina294Ocarina 2SquarLd3295Lead 1 (square) 2SquarLd3296Lead 1 (square) 3SawLead3297Lead 1 (square) 3SawLead3298Lead 2 (sawtooth) 2SawLead3300Lead 2 (sawtooth) 3SawLead3301Lead 2 (sawtooth) 3SawLead3302Lead 2 (squenced analog)SquAnLd2303Lead 2 (squenced analog)SquAnLd2304Lead 2 (squenced analog)SquAnLd2305Lead 2 (squenced analog)SquAnLd2306Wavy Sawtooth	269	Clarinet 2	Clarine2
Pipe 272 Piccolo Piccolo 273 Piccolo 2 Piccolo 2 274 Piccolo 3 Piccolo 3 275 2 Piccolos 2Picolos 276 Sweet Flute SweeFlut 277 Flute 2 Flute 2 278 Flute 3 Flute 3 279 Flute 3 Flute 3 280 2 Flutes Zelcores 281 Recorder Recorder 282 Recorder 2 Recorde 2 283 2 Recorder 3 PanFlute 284 Pan Flute 4 PanFlute 285 Pan Flute 2 PanFlut2 286 Sweet Pan Flute 3 SwPanFlu 287 Blown Bottle 2 Bottle 288 Blown Bottle 2 Shakuhchi 290 Shakuhachi 2 Shakuhch2 291 Whistle Vhistle 292 Whistle SquarLd2 293 Ocarina 2 SquarLd2 294	270	Clarinet 3	Clarine3
272PiccoloPiccolo273Piccolo 2Piccolo3274Piccolo 3Piccolo32752 Piccolos2Picolos276Sweet FluteSweeFlut277Flute 2Flute278Flute 2Flute32802 Flutes2Elutes281RecorderRecorder282Recorder 2Recorder284Pan Flute 2PanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSwPanFlu287Blown Bottle 2Bottle288ShakuhachiShakkch2291WhistleWhistle292Whistle 2Whistle293OcarinaOcarina294Ocarina 2SquarLd295Lead 1 (square) 2SquarLd296Lead 1 (square) 2SawLead3302Lead 2 (sawtooth) 3SawLead3303Lead 2 (sawtooth) 2SawLead3304Lead 2 (squenced analog)SquAnLd305Lead 2 (squenced analog)SquAnLd306Way SawtothWaySaw307Bauble LeadSuperAna309Lead 3 (calliope) 2CaliopLd311Lead 4 (chiff) 2CaliopLd312Lead 4 (chiff) 3ChiffLd3	271	2 Clarinets	2Clarins
273Piccolo 2Piccolo2274Piccolo 3Piccolo32752 Piccolos2Picolos276Sweet FluteSweeFlut277FluteFlute278Flute 2Flute2279Flute 3Flute32802 Flutes2Flutes281RecorderRecorder282Recorder 2Recorde22832 Recorders2Records284Pan Flute 2PanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSwPanFlu287Blown BottleBottle288Blown Bottle 2Bottle290ShakuhachiShakhchi291WhistleWhistle292Whistle 2Whistle293OcarinaOcarina294Ocarina 2SquarLd2295Lead 1 (square) 3SquarLd3296Lead 1a (square) 3SquarLd3297Lead 1 (square) 3SquarLd3298Lead 1b (sine)SineLead299Lead 2 (sawtooth) 2SawLead3300Lead 2 (sawtooth) 3SawLead3301Lead 2 (squarecd analog)SquAnLd2303Lead 2 (squarecd analog)SquAnLd2304Lead 2 (squarecd analog)SquAnLd2305Lead 2 (squarecd analog)SquAnLd2306Wavy SawtoothWavySaw307Bauble LeadBaubleLd308Super AnalogSuperAna309	Pipe		
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2752 Piccolos2Picolos276Sweet FluteSweeFlut277FluteFlute278Flute 2Flute3279Flute 3Flute32802 Flutes2Flutes281RecorderRecorder282Recorder 2Recorde22832 Recorders2Records284Pan FlutePanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSwPanFlu287Blown BottleBottle288Blown Bottle 2Bottle2289ShakuhachiShakhchi290Shakuhachi 2Shakhchi291WhistleWhistle292Whistle 2Vhistle2293OcarinaOcarina294Ocarina 2Ocarina295Lead 1 (square) 2SquarLd3296Lead 1 (square) 3SquarLd3297Lead 2 (sawtooth) 3SawLead3300Lead 2 (sawtooth) 2SawLead3301Lead 2 (sawtooth) 3SawLead3302Lead 2 (square) analog)SquAraLd2303Lead 2 (square) analog)SquAraLd2304Lead 2 (square) analog)SquAraLd2305Lead 2 (square) analog)SquAraLd2306Wavy SawtoothWavySaw307Bauble LeadBaubleLd308Super AnalogSuperAna309Lead 3 (calliope) 2CaliopLd311Lead 4 (chiff) 2ChiffLd <t< td=""><td>273</td><td>Piccolo 2</td><td>Piccolo2</td></t<>	273	Piccolo 2	Piccolo2
276Sweet FluteSweeFlut277FluteFlute278Flute 2Flute 3279Flute 3Flute 32802 Flutes2Flutes281RecorderRecorder282Recorder 2Recorde22832 Recorder 2Recorde3284Pan FlutePanFlute285Pan Flute 2PanFlut2286Sweet Pan FluteSwPanFlu287Blown BottleBottle288Blown Bottle 2Bottle2289ShakuhachiShakchci290Shakuhachi 2Shakhch2291WhistleWhistle292Whistle 2Whistle2293OcarinaOcarina294Ocarina 2Ocarina295Lead 1 (square) 2SquarLd296Lead 1 (square) 3SquarLd3297Lead 1 (square) 3SquarLd3298Lead 2 (sawtooth) 2SawLead3300Lead 2 (sawtooth) 2SawLead3301Lead 2 (sawtooth) 2SawLead3302Lead 2 (sawtooth) 2SquarLd2303Lead 2 (sequenced analog) 2SquAnaLd2304Lead 2 (sequenced analog) 2SquAnaLd2305Lead 3 (calliope) 2CaliopLd306Wavy SawtoothWavySaw307Bauble LeadBaubleLd308Super AnalogSuper Analog309Lead 3 (calliope) 2CaliopLd311Lead 4 (chiff) 2ChiffLd	274	Piccolo 3	Piccolo3
277FluteFlute278Flute 2Flute 3279Flute 3Flute 32802 Flutes2Flutes281RecorderRecorder282Recorder 2Recorde22832 Recorder 32 Recorde3284Pan FlutePanFlute285Pan Flute 2PanFlute286Sweet Pan FluteSwPanFlu287Blown Bottle 2Bottle288Blown Bottle 2Bottle289ShakuhachiShakhch2290Shakuhachi 2Shakhch2291WhistleWhistle292Whistle 2Whistle293OcarinaOcarina294Ocarina 2SquarLd2295Lead 1 (square) 2SquarLd2296Lead 1a (square) 3SquarLd3297Lead 1 (square) 3SquarLd3298Lead 10 (sine)SineLead299Lead 2 (sawtooth) 2SawLead3300Lead 2 (sawtooth) 2SawLead3301Lead 2 (sawtooth) 3SawLead3303Lead 2 (sequenced analog)SquAnaLd304Lead 2 (sequenced analog)SquAnaLd2305Lead 2 (sequenced analog)SquAnaLd2306Wavy SawtoothWavySaw307Bauble LeadBaubleLd308Super AnalogSuper Ana309Lead 3 (calliope) 2CalipLd2311Lead 4 (chiff) 2CalipLd2311Lead 4 (chiff) 2CalipLd2	275	2 Piccolos	2Picolos
278 Flute 2 Flute 3 Flute 3 279 Flute 3 2Flutes 2Flutes 280 2 Flutes 2Flutes 2Flutes 281 Recorder Recorder 282 Recorder 2 Recorde2 283 2 Recorder 2 Recorde2 284 Pan Flute PanFlute 285 Pan Flute 2 PanFlut2 286 Sweet Pan Flute SwPanFlu 287 Blown Bottle 2 Bottle 288 Blown Bottle 2 Bottle2 289 Shakuhachi Shakhch2 291 Whistle Whistle 292 Whistle 2 Whistle2 293 Ocarina Ocarina 294 Ocarina 2 SquarLd2 295 Lead 1 (square) 3 SquarLd3 298 Lead 1 (square) 3 SquarLd3 299 Lead 2 (sawtooth) 2 SawLead3 300 Lead 2 (sawtooth) 3 SawLead3 301 Lead 2 (sequenced analog)<	276	Sweet Flute	SweeFlut
278 Flute 2 Flute 3 Flute 3 279 Flute 3 2Flutes 2Flutes 280 2 Flutes 2Flutes 2Flutes 281 Recorder Recorder 282 Recorder 2 Recorde2 283 2 Recorder 2 Recorde2 284 Pan Flute PanFlute 285 Pan Flute 2 PanFlut2 286 Sweet Pan Flute SwPanFlu 287 Blown Bottle 2 Bottle 288 Blown Bottle 2 Bottle2 289 Shakuhachi Shakhch2 291 Whistle Whistle 292 Whistle 2 Whistle2 293 Ocarina Ocarina 294 Ocarina 2 SquarLd2 295 Lead 1 (square) 3 SquarLd3 298 Lead 1 (square) 3 SquarLd3 299 Lead 2 (sawtooth) 2 SawLead3 300 Lead 2 (sawtooth) 3 SawLead3 301 Lead 2 (sequenced analog)<	277	Flute	Flute
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312 Lead 4 (chiff) 2 ChiffLd2 313 Lead 4 (chiff) 3 ChiffLd3			· ·
313 Lead 4 (chiff) 3 ChiffLd3			
	314	Leau 5 (charany)	



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315	Lead 5 (charang) 2	CharaLd2
316	Lead 5 (charang) 3	CharaLd3
317	Lead 5 (charang) 4	CharaLd4
318	Lead 5a (wire lead)	WireLead
319	Lead 5a (wire lead) 2	WireLd2
320	Lead 6 (voice)	VoiceLd
321	Lead 6 (voice) 2	VoiceLd2
322	Lead 7 (fifths)	FifthsLd
323	Lead 7 (fifths) 2	FifthLd2
324	Lead 8 (bass + lead)	BassLead
325	Lead 8 (bass + lead) 2	BasLead2
326	Lead 8 (bass + lead) 3	BasLead3
327	Lead 8a (soft wrl)	SftWrlLd
328	Massiness	Massin
329	Square	Square
330	Slow Square Lead	SlwSquLd
331	Sine Solo	SineSolo
332	Square Lead 4	SquarLd4
333	Thick Square	ThickSqu
334	2Oscillators Lead	2OscLd
335	Wavy Sawtooth 2	WavySaw2
336	Analog Lead	AnaLead
337	Big Lead	BigLead
338	Fat Lead	FatLead
339	PWM 4th	Rezz4th
340	Delayed Lead	DelyLead
341	Delayed Lead 2	DlyLead2
342	Fifth Lead	FifLead
343	Corrie	Corrie
344	Quint	Quint
-	:h Pad	Quint
	Pad 1 (new age)	NewAge
346	Pad 1 (new age) 2	NewAge2
347	Pad 2 (warm)	WarmPad
348	Pad 2 (warm) 2	WarmPad2
340	, ,	
	Pad 2a (sine pad)	SinePad
350	Pad 3 (polysynth)	PolySyn
351	Pad 3 (polysynth) 2	PolySyn2
352	Pad 3 (polysynth) 3	PolySyn3
353	Pad 3 (polysynth) 4	PolySyn4
354	Pad 4 (choir)	ChoirPad
355	Pad 4 (choir) 2	ChoirPd2
356	Pad 4a (itopia)	ItopiaPd
357	Pad 5 (bowed)	BowedPad
358	Pad 5 (bowed) 2	BowedPd2
359	Pad 6 (metallic)	MetalPad
360	Pad 6 (metallic) 2	MetalPd2
361	Pad 7 (halo)	HaloPad
362	Pad 7 (halo) 2	HaloPad2
363	Pad 8 (sweep)	SweepPad
364	Pad 8 (sweep) 2	SweepPd2
364 365	Pad 8 (sweep) 2 Pad 8 (sweep) 3	SweepPd2 SweepPd3

368		
	Dipolar Pad	DipolPad
369	PWM Pad	PWMPad
370	Warmly Pad	WarmlyPd
371	Horn Pad	HornPad
372	Click Pad	ClickPad
373	Analog Pad	AnalogPd
374	80's Poly Pad	80'sPoly
375	PWM 4th Soft	Rezz4thS
376	Synth Calliope Soft	CalioLdS
377	Soft Vox	SoftVox
378	5th SawWave	5thSaw
379	5th Lead Soft	FiftLdSf
380	Slow Square	SISquare
381	New Year Pad	NewYear
382	Space Voice	SpcVoice
383	Rising	Rising
384	Congregate	Congrega
Synt	h SFX	
	FX 1 (rain)	FXRain
	FX 1 (rain) 2	FXRain2
	FX 2 (soundtrack)	Soundtrk
388	FX 2 (soundtrack) 2	Sondtrk2
389	Prelude	Prelude
390	FX 3 (crystal)	Crystal
391	FX 3 (crystal) 2	Crystal2
392	FX 3a (synth mallet)	SynMalet
393	FX 4 (atmosphere)	Atmosphr
394	FX 4 (atmosphere) 2	Atmosph2
395	Warm Air	WarmAir
396	FX 5 (brightness)	Bright
397	Smog	Smog
398	FX 6 (goblins)	Goblins
399	FX 6 (goblins) 2	Goblins2
400	Choir Bell	ChorBell
401	Choir Bell 2	ChorBel2
402	FX 7 (echoes)	Echoes
	FX 7 (echoes) 2	Echoes2
	FX 7b (echo pan)	EchoPan
	FX 7a (echo bell)	EchoBell
	FX 7a (echo bell) 2	EchoBel2
	FX 7a (echo bell) 3	EchoBel3
	FX 8 (sci-fi)	Sci-Fi
409	FX 8 (sci-fi) 2	Sci-Fi2
	ic Misc.	0.1
410	Sitar	Sitar
411	Sitar 2	Sitar2
412	Banjo	Banjo
413	Banjo 2	Banjo2
414	Shamisen	Shamisen
415	Shamisen 2	Shamise2
416	Koto	Koto
417	Koto 2	Koto2
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418 419	Taisho Koto Kalimba	TaishoKt Kalimba

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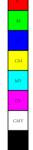
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420	Kalimba 2	Kalimba2
421	Bag Pipe	BagPipe
422	Bag Pipe 2	BagPipe2
423	Fiddle	Fiddle
424	Fiddle 2	Fiddle2
425	Fiddle 3	Fiddle3
426	Shanai	Shanai
427	Shanai 2	Shanai2
Perc	ussive	
428	Tinkle Bell	TnklBell
429	Agogo	Agogo
430	Steel Drums	SteelDrm
431	Woodblock	WoodBlok
432	Castanets	Castanet
433	Taiko Drum	TaikoDrm
434	Concert Bass Drum	ConBasDm
435	Acoustic Bass Drum	BassDrum
436	Jazz Kick	JazzKick
437	Side Stick	SidStick
438	Analog Rim Shot	AnRiShot
439	Acoustic Snare	A.Snare
440	Jazz Snare	JazSnare
441	Brush Tap	SrushTap
442	Concert SD	ConcetSD
442		
443	Hand Clap Tom	HandClap Tom
445	Brush Tom	BrushTom
446	Closed Hi-hat	ClosedHH
447	Analog Closed Hi-hat	AnCloHH
448	Pedal Hi-hat	PedalHH
449	Open Hi-hat	OpenHH
450	Crash Cymbal	CrashCym
451	Analog Cymbal	AnaCym
452	Ride Cymbal	RideCym
453	China Cymbal	ChinaCym
454	Ride Bell	RideBell
455	Tambourine	Tambouri
456	Splash Cymbal	SplashCy
457	Cowbell	Cowbell
458	Analog Cowbell	AnaCowbl
459	High Bongo	HiBongo
460	Low Bongo	LoBongo
461	Mute Hi Conga	MuHiCnga
462	Open Hi Conga	OpHiCnga
463	Low Conga	LowConga
464	Analog Hi Conga	AnHiCnga
465	Analog Mid Conga	AnMiCnga
466	Analog Low Conga	AnLoCnga
467	High Timbale	HiTimbal
468	Low Timbale	LoTimbal
469	Cabasa	Cabasa
470	Maracas	Maracas
471	Analog Maracas	AnMaracas
472	Short Guiro	ShGuiro

473Long GuiroLoGuiro474ClavesClaves475Mute CuicaMuCuica476Open CuicaOpCuica477Mute TriangleMuTrgle478Open TriangleOpTrgle479ShakerShaker480Mute SurdoMuSurdo481Open SurdoOpSurdo482Melodic TomMeloTom483Melodic Tom 2MeloTom2484Synth DrumSynDrum485Rhythm Box TomRhythBox486Electric DrumElecDrum487Reverse CymbalRevCymbl5FxSexSex488Guitar Fret NoiseFretNoiz490Acoustic Bass String SlapBsStSlap491Breath NoiseStCtNoiz492Flute Key ClickFlKeyClk493SeashoreSeashore494RainRain495ThunderThunder496WindWind497StreamStream498BubbleBubble499Bird Tweet 2Tweet500Bird Tweet 2Tweet501DogDog502Horse GallopHouseGlp503Telephone Ring 2Telphone504Telephone Ring 2Telphone505Door CreakingDoorCreak506DoorCoor507ScratchScratch508Wind ChimeWindChim509<		1	
475Mute CuicaMuCuica476Open CuicaOpCuica477Mute TriangleMuTrgle478Open TriangleOpTrgle479ShakerShaker480Mute SurdoOpSurdo481Open SurdoOpSurdo482Melodic Tom 2MeloTom483Melodic Tom 2MeloTom2484Synth DrumSynDrum485Rhytm Box TomRhythBox486Electric DrumElecDrum487Reverse CymbalRevCymblSFX488Guitar Fret NoiseFretNoiz489Guitar Cutting NoiseGtCtNoiz490Acoustic Bass String SlapBsStSlap491Breath NoiseBtrtNoiz492Flute Key ClickFlKeyClk493SeashoreSeashore494RainRain495ThunderThunder496WindWind497StreamStream498BubbleBubble499Bird TweetTweet500Bird Tweet 2Tweet2501DogDog502Horse GallopHouseGlp503Telephone RingTelphone2504Telephone Ring 2Telphone2505Door CreakingDoorCreak506DoorCarStop507ScratchScratch508Wind ChimeWindChim509HelicopterHelicoptr <t< td=""><td>473</td><td>Long Guiro</td><td>LoGuiro</td></t<>	473	Long Guiro	LoGuiro
476Open CuicaOpCuica477Mute TriangleMuTrgle478Open TriangleOpTrgle479ShakerShaker480Mute SurdoMuSurdo481Open SurdoOpSurdo482Melodic TomMeloTom483Melodic Tom 2MeloTom2484Synth DrumSynDrum485Rhythm Box TomRhythBox486Electric DrumElecDrum487Reverse CymbalRevCymblSFXSFX488Guitar Cutting NoiseGtCtNoiz490Acoustic Bass String SlapBsStSlap491Breath NoiseBrthNoiz492Flute Key ClickFiKeyClik493SeashoreSeashore494RainRain495ThunderThunder496WindWind497StreamStream498BubbleBubble499Bird TweetTweet500Bird Tweet 2Tweet2501DogDog502Horse GallopHouseGlp503Telephone Ring 2Telphone504Telephone Ring 2Telphone505Door CreakingDoorCrek506DoorCarEngin511Car CarshCarCrash514SirenSiren515TrainTrain516JetplaneJetplane517StarshipStarship518Burt Noise </td <td>474</td> <td>Claves</td> <td>Claves</td>	474	Claves	Claves
477Mute TriangleMuTrgle478Open TriangleOpTrgle479ShakerShaker480Mute SurdoMuSurdo481Open SurdoOpSurdo482Melodic TomMeloTom483Melodic Tom 2MeloTom2484Synth DrumSynDrum485Rhythm Box TomRhythBox486Electric DrumElecDrum487Reverse CymbalRevCymbl5FX5FX5488Guitar Fret NoiseFretNoiz490Acoustic Bass String SlapBsStSlap491Breath NoiseBrthNoiz492Flute Key ClickFlKeyClik493SeashoreSeashore494RainRain495ThunderThunder496WindWind497StreamStream498BubbleBubble499Bird TweetTweet2500Bird Tweet 2Tweet2501DogDog502Horse GallopHouseGlp503Telephone Ring 2Telphone504Telephone Ring 2Telphone505Door CreakingDoorCreak506DoorDoor507ScratchScratch508Wind ChimeWindChim509HelicopterHelicoptr510Car EngineCarCrash511Car CrashCarCrash512Car PassCarCarsh513	475	Mute Cuica	MuCuica
478Open TriangleOp Trgle479ShakerShaker480Mute SurdoMuSurdo481Open SurdoOpSurdo482Melodic TomMeloTom483Melodic Tom 2MeloTom2484Synth DrumSynDrum485Rhythm Box TomRhythBox486Electric DrumElecDrum487Reverse CymbalRevCymbl5FX	476	Open Cuica	OpCuica
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480Mute SurdoMuSurdo481Open SurdoOpSurdo482Melodic Tom 2MeloTom483Melodic Tom 2MeloTom2484Synth DrumSynDrum485Rhythm Box TomRhythBox486Electric DrumElecDrum487Reverse CymbalRevCymblSFX	478	Open Triangle	OpTrgle
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484Synth DrumSynDrum485Rhythm Box TomRhythBox486Electric DrumElecDrum487Reverse CymbalRevCymblSFX	482	Melodic Tom	MeloTom
AssBythm Box TomRhythm Box485Rhythm Box TomRhythBox486Electric DrumElecDrum487Reverse CymbalRevCymblSFXTetNoizeGtCtNoiz488Guitar Cutting NoiseGtCtNoiz490Acoustic Bass String SlapBsStSlap491Breath NoiseBrthNoiz492Flute Key ClickFlKeyClk493SeashoreSeashore494RainRain495ThunderThunder496WindWind497StreamStream498BubbleBubble499Bird TweetTweet500Bird TweetTweet501DogDog502Horse GallopHouseGlp503Telephone RingTelphone504Telephone Ring 2Telphone505Door CreakingDoorCrek506DoorDoor507ScratchScratch508Wind ChimeWindChim509HelicopterHelicptr510Car EngineCarEngin511Car StopCarCrash513Car CrashCarPass514SirenSiren515TrainTrain516JetplaneJetplane517StarshipStarship518Burst NoiseBurtNois519ApplauseApplause520LaughingScream521Scre	483	Melodic Tom 2	MeloTom2
485Rhythm Box TomRhythBox486Electric DrumElecDrum487Reverse CymbalRevCymblSFX	484	Synth Drum	SvnDrum
486Electric DrumElecDrum487Reverse CymbalRevCymblSFX	485	5	
487Reverse CymbalRevCymblSFX488Guitar Fret NoiseFretNoiz489Guitar Cutting NoiseGtCtNoiz490Acoustic Bass String SlapBsStSlap491Breath NoiseBrthNoiz492Flute Key ClickFlKeyClk493SeashoreSeashore494RainRain495ThunderThunder496WindWind497StreamStream498BubbleBubble499Bird TweetTweet500Bird TweetTweet2501DogDog502Horse GallopHouseGlp503Telephone RingTelphone504Telephone Ring 2Telphone505Door CreakingDoorCrek506DoorDoor507ScratchScratch508Wind ChimeWindChim509HelicopterHelicptr510Car EngineCarEngin511Car StopCarStop512Car PassCarPass513Car CrashStarship514SirenSiren515TrainTrain516JetplaneApplause520LaughingLaughing521ScreamingScream522PunchPunch523Heart BeatHeartBet524FootstepsFootstep			,
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	020	Gulisilui	Gunshot



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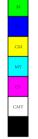
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526	Machine Gun	MachnGun	
527	Lasergun	Lasergun	
528	Explosion	Explosio	
Cor	nbined Voice		
529	Stereo Piano & Strings Pad	Pn&StrPd	
530	Stereo Piano & Choir	Pn&Choir	
531	Stereo Piano & Synth Strings	Pn&SyStr	
	Stereo Piano & Warm Pad	Pn&WrmPd	
533	Stereo Piano & Soft EP	Pn&SfEP	
534	FM Electric Piano	FMEP	
535	Digital Piano	DigitlPn	
536	E.Piano & Strings	EP&Str	
537	E.Piano & Acoustic Guitar	EP&Gtr	
538	E.Piano & Vibraphone	EP&Vibra	
	E.Piano 2 & Pad	EP2&Pad	
540	E.Piano 2 & Strings	EP2&Str	
	Harpsichord & Stereo Strings	Hrps&Str	
	Music Box & Stereo Strings	MBox&Str	
	Vibraphone & Stereo Strings	Vib&Str	
	Vibraphone Octave	VibraOct	
	Vibraphone & Marimba & Kalimba	Vib&M&K	
	Marimba & Kalimba	Mar&Kal	
	Marimba Delay	MarDelay	
	Xylophone Octave	XylopOct	
	Organ & Stereo Strings	Orgn&Str	
	Stereo Organ & Piano	Orgn&Pno	
	Rock Organ & Strings	RkOr&Str	
	Church Organ & Choir	ChOr&Cho	
	Church Organ & Strings	ChOr&Str	
	Acoustic Guitar & Flute	Gtr&Flut	
555	Acoustic Guitar & Clavi	Gtr&Clav	
556	24 String Guitar	24StrGtr	
	Steel Guitar & Warm Pad	StGt&Pad	
558	Stereo Strings & Horn	Str&Horn	
	Orchestra	Orchestr	
560	Full Strings	FullStr	
	Full Strings 2	FullStr2	
562	Symphonic	Symphon	
	Stereo Choir & Strings	Cho&Str	
	Stereo Choir & Steel Guitar	Cho&Gtr	
	3 Trumpet Loose	3Trumpet	
	Trombone & Stereo Strings	Tomb&Str	
	3 Trombones Loose	3Trmbone	_
	3 Muted Trumpets Loose	3MuTrump	_
	Club Brass	ClubBras	_
	Brass & Woodwinds	Brs&Wood	_
	Woodwinds & Strings	Wood&Str	_
	Section Woods Small	WoodSmal	
	Pan Flute & Strings Pad	PnFl&Str	
	Koto & Shamisen	Kto&Sham	
	Flute & Clarinet	Flu&Clar	
	Flute & Oboe	Flu&Oboe	_
	Flute & Bassoon	Flu&Bn	

579Flute & Clarinet & BassoonFl&Cl&Bn580Flute & Oboe & BassoonFl&Ob&Bn581Flute OctaveFluteOct582Flute & Oboe OctaveFl&ObOct583Flute & Clarinet OctaveFl&ClOct584Oboe & BassoonOboe&Bn585Oboe & ClarinetOb&Cl586Oboe & Clarinet & BassoonOb&Cl587Oboe & Clarinet & BassoonOboeOct588Oboe & Clarinet OctaveOboeOct589Oboe & Clarinet OctaveOb&ClOct589Oboe & Bassoon OctaveOb&BnOct590Clarinet & BassoonCl&Bn591Clarinet & Oboe OctaveCl&Oboct592Standard SetStandSet593Room SetPowerSet594Power SetPowerSet595Electronic SetElectSet596Analog SetAnalgSet597Jazz SetJazzSet598Brush SetSrXSet600SFX SetSFXSet			
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583Flute & Clarinet OctaveFl&ClOct584Oboe & BassoonOboe&Bn585Oboe & ClarinetOb&Cl586Oboe & Clarinet & BassoonOb&Cl&Bn587Oboe OctaveOboeOct588Oboe & Clarinet OctaveOb&ClOct589Oboe & Bassoon OctaveOb&BnOct590Clarinet & BassoonCl&Bn591Clarinet & BassoonCl&Bn591Clarinet & Oboe OctaveCl&ObOctChinese Instruments592Standard SetStandSet593Room SetRoomSet594Power SetPowerSet595Electronic SetElectSet596Analog SetAnalgSet597Jazz SetJazzSet598Brush SetBrushSet599Orchestra SetOrcheSet	581	Flute Octave	FluteOct
584Oboe & BassoonOboe&Bn585Oboe & ClarinetOb&Cl586Oboe & Clarinet & BassoonOb&Cl&Bn587Oboe OctaveOboeOct588Oboe & Clarinet OctaveOb&ClOct589Oboe & Bassoon OctaveOb&BnOct590Clarinet & BassoonCl&Bn591Clarinet & Oboe OctaveCl&ObOCtChinese Instruments592Standard SetStandSet593Room SetPowerSet594Power SetPowerSet595Electronic SetElectSet596Analog SetAnalgSet597Jazz SetJazzSet598Brush SetOrcheSet	582	Flute & Oboe Octave	FI&ObOct
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586Oboe & Clarinet & BassoonOb&Cl&Bn587Oboe OctaveOboeOct588Oboe & Clarinet OctaveOb&ClOct589Oboe & Bassoon OctaveOb&BnOct590Clarinet & BassoonCl&Bn591Clarinet & Oboe OctaveCl&ObOctChinese Instruments592Standard SetStandSet593Room SetRoomSet594Power SetPowerSet595Electronic SetElectSet596Analog SetAnalgSet597Jazz SetJazzSet598Brush SetBrushSet599Orchestra SetOrcheSet	584	Oboe & Bassoon	Oboe&Bn
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595Electronic SetElectSet596Analog SetAnalgSet597Jazz SetJazzSet598Brush SetBrushSet599Orchestra SetOrcheSet	593	Room Set	RoomSet
596Analog SetAnalgSet597Jazz SetJazzSet598Brush SetBrushSet599Orchestra SetOrcheSet	594	Power Set	PowerSet
597Jazz SetJazzSet598Brush SetBrushSet599Orchestra SetOrcheSet	595	Electronic Set	ElectSet
598 Brush Set BrushSet 599 Orchestra Set OrcheSet	596	Analog Set	AnalgSet
599 Orchestra Set OrcheSet	597	Jazz Set	JazzSet
	598	Brush Set	BrushSet
600 SFX Set SFXSet	599	Orchestra Set	OrcheSet
	600	SFX Set	SFXSet





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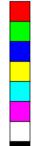
StyleList

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NO.	Ebglish Name	LCD Name
8BE		
1	8Beat Ballad	8BtBld
2	8Beat Piano	8BtPiano
3	8Beat 1	8Beat1
4	Guitar Pop 1	GtPop1
5	8Beat Hip Hop	8BtHiHop
6	8Beat Blues Rock	8BtBluRk
7	8Beat 2	8Beat2
8	Sweet Beat	SweetBt
9	8Beat 3	8Beat3
10	Rhythm&Beat 2	Rhy&Bt2
	EAT	
11	16Beat 1	16Beat1
12	16Beat Funk 1	16BtFuk1
13	16Beat Ballad 1	16BtBld1
14	16Beat R&B	16BtR&B
	Pop 16Beat 1	
15		Pop16Bt1
16	16Beat Funk 2	16BtFuk2
17	16Beat Dance	16BtDanc
18	Pop 16Beat 2	Pop16Bt2
19	16Beat 2	16Beat2
20	Pop 16Beat 3	Pop16Bt3
21	Pop 16Beat 4	Pop16Bt4
22	Modern 16Beat	Modr16Bt
23	16Beat Hot	16BtHot
24	16Beat Modern	16BtModr
25	16Beat Funk 3	16BtFuk3
26	16Beat 3	16Beat3
27	Cool Beat	CoolBeat
28	16Beat Ballad 2	16BtBld2
29	16Beat 4	16Beat4
30	Pop Shuffle	PopShfl
POF	P&BALLAD	
31	Pop Rock 1	PopRock1
32	Pop Dance 1	PopDanc1
33	Pop Fusion	PopFusn
34	Analog Night 1	AnalgNt1
35	6/8 Pop	6/8Pop
36	Brit. Pop 1	BritPop1
37	Brit. Pop 2	BritPop2
38	Pop Hit	PopHit
39	Fusion Shuffle	FusShufl
40	Analog Night 2	AnalgNt2
41	Guitar Pop 3	GtPop3
42	Pop Beat	PopBeat
43	Soft Beat	SoftBeat
44	60's Pop	60'sPop
45	Sting Latin	StigLatn
46	R&B Ballad 1	R&BBId1
40	Guitar Ballad	GtBallad
47	Ballad Rock	BaldRock
49	Piano Pop	PianoPop
50	Soft Ballad	SoftBald
51	Natural Ballad	NatulBld
52	Love Ballad	LoveBald

53 Easy Ballad EasyBald 54 Miami Folk MiamiBld 55 Slow Ballad SlowBald 56 Folk Ballad FolkBald 57 Pop Ballad 1 PopBald2 59 EP Ballad EPBallad 60 New R&B Ballad NewRBBld ROCK 61 Rock Rock 62 New Wave NewWave 63 Ska Ska 64 Pop Rock 2 PopRock2 65 Slow Rock SlowRock 66 70's Rock&Roll 70'sRock 67 Folk Rock SoftRock 68 Soft Rock SoftRock 69 Old Rock OldRock 70 Easy Rock EasyRock 71 New Shuffle NewShufl 72 Rock Hip Hop RkHipHop 73 Rock&Roll 1 Rivirt1 74 Rock Shuffle RockShifl 75 Rock&Roll 2 Twist2 81 Tango 1 Tango1			
55Slow BalladSlowBald56Folk BalladFolkBald57Pop Ballad 1PopBald259EP BalladEPBallad60New R&B BalladNewRBBld ROCK 61RockRock62New WaveNewWave63SkaSka64Pop Rock 2PopRock265Slow RockSlowRock6670's Rock&Roll70'sRock67Folk RockSoftRock68Soft RockSoftRock69Old RockOldRock70Easy RockEasyRock71New ShuffleNewShuffl72Rock&Roll 1R'N'R174Rock ShuffleRockShfl75Rock&Roll 2R'N'R2 BALLROOM Tango1Tango176Tango 1Tango177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWalt284Swing FoxSlowFox85Salsa 1Salsa186Eguine 1Beguine189Beguine 2Beguine189Beguine 2Samba194Fox TrotFoxTrot95Techno 1Techno194Fox TrotFoxTrot95Techno 1Rep11 <td></td> <td></td> <td>EasyBald</td>			EasyBald
56Folk BalladFolkBald57Pop Ballad 1PopBald258Pop Ballad 2PopBald259EP BalladEPBallad60New R&B BalladNewRBBIdROCKROCK61RockRock62New WaveNewWave63SkaSka64Pop Rock 2PopRock265Slow RockSlowRock6670's Rock&Roll70'sRock67Folk RockSoftRock68Soft RockSoftRock69Old RockOldRock70Easy RockEasyRock71New ShuffleNewShufl72RockARoll 1R'N'R173Rock&Roll 2R'N'R2BALLROOMTango1Tango174Rock ShuffleRockShfl75Rock&Roll 2Tango178Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Watz 1SlowWatz84Swing FoxSwingFox85Salsa 1Salsa186Salba 1Salsa186Cha Cha 2ChaCha287Samba 1Samba189Beguine 2Beguine189Beguine 1Beguine180Beguine 2Samba181Samba 1Samba182 <td< td=""><td></td><td>Miami Folk</td><td>MiamiBld</td></td<>		Miami Folk	MiamiBld
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59EP BalladEP Ballad60New R&B BalladNewRBBldROCK61RockRock62New WaveNewWave63SkaSka64Pop Rock 2PopRock265Slow RockSlowRock6670's Rock&Roll70'sRock67Folk RockFolkRock68Soft RockSoftRock69Old RockOldRock70Easy RockEasyRock71New ShuffleNewShufl72Rock ARoll 1R'N'R174Rock ShuffleRockShfl75Rock&Roll 2R'N'R2BALLROOM76Tango 1Tango 177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow Waltz 1SlowWiz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 1Samba193JiveJive94Fox TrotFoxTrotDANCEJiveProgressive91Hip Hop 1HipHop192Toxno <td>57</td> <td>Pop Ballad 1</td> <td>PopBald1</td>	57	Pop Ballad 1	PopBald1
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61RockRock62New WaveNewWave63SkaSka64Pop Rock 2PopRock265Slow RockSlowRock6670's Rock&Roll70'sRock67Folk RockFolkRock68Soft RockSoftRock69Old RockOldRock70Easy RockEasyRock71New ShuffleNewShuffl72Rock Alip HopRkHipHop73Rock&Roll 1R'N'R174Rock ShuffleRockShfl75Rock&Roll 2R'N'R2BALLROOM76Tango 1Tango 177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango 282Slow FoxSlowFox83Slow Waltz 1SlowWiz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCETechno1HipHop191House1DownBeat99ProgressiveProgress100Rap 1Rap1101<	60	New R&B Ballad	NewRBBld
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64Pop Rock 2PopRock265Slow RockSlowRock6670's Rock&Roll70'sRock67Folk RockFolkRock68Soft RockOldRock69Old RockOldRock70Easy RockEasyRock71New ShuffleNewShufl72Rock Hip HopRkHipHop73Rock&Roll 1R'N'R174Rock ShuffleRockShtfl75Rock&Roll 2R'N'R2BALLROOMTo tango 176Tango 1Tango 177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowWatz83Slow Watz 1SlowWiz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Samba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCEFoxTrotFoxTrot95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99 <td>62</td> <td>New Wave</td> <td>NewWave</td>	62	New Wave	NewWave
Fighting Fighting 65 Slow Rock SlowRock 66 70's Rock&Roll 70's Rock 67 Folk Rock SoftRock 68 Soft Rock SoftRock 69 Old Rock OldRock 70 Easy Rock EasyRock 71 New Shuffle NewShufl 72 Rock Hip Hop RkHipHop 73 Rock&Roll 1 R'N'R1 74 Rock Shuffle RockShfl 75 Rock&Roll 2 R'N'R2 BALLROOM Tango1 Tango1 76 Tango 1 Tango1 77 Spain Matador Matador 78 Twist 1 Twist1 79 Twist 2 Twist2 80 Big Band Fox BandFox 81 Tango 2 Tango2 82 Slow Fox SlowFox 83 Slow Valtz 1 SlowWox 84 Swing Fox SwingFox 85	63	Ska	Ska
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Folk RockFolk Rock67Folk RockSoftRock68Soft RockOld Rock70Easy RockEasyRock71New ShuffleNewShufl72Rock Hip HopRkHipHop73Rock&Roll 1R'N'R174Rock ShuffleRockShfl75Rock&Roll 2R'N'R2BatLRock Shuffle75Rock&Roll 2R'N'R2BALLROOMTango 1Tango 177Spain MatadorMatador78Twist 1Twist 179Twist 2Twist 280Big Band FoxBandFox81Tango 2Tango 282Slow FoxSlowFox83Slow Waltz 1SlowWiz184Swing FoxSwingFox85Salsa 1Salsa 186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine 189Beguine 2Beguine 290Rumba 1Rumba 191Samba 1Samba 192Samba 2Samba 293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno 196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco <td>65</td> <td>Slow Rock</td> <td>SlowRock</td>	65	Slow Rock	SlowRock
68 Soft Rock SoftRock 69 Old Rock OldRock 70 Easy Rock EasyRock 71 New Shuffle NewShuffl 72 Rock Hip Hop RkHipHop 73 Rock&Roll 1 R'N'R1 74 Rock Shuffle RockShfl 75 Rock&Roll 2 R'N'R2 BALLROOM 76 Tango 1 Tango1 77 Spain Matador Matador 78 Twist 1 Twist1 79 Twist 2 Twist2 80 Big Band Fox BandFox 81 Tango 2 Tango2 82 Slow Fox SlowValtz 83 Slow Waltz 1 SlowWiz1 84 Swing Fox SwingFox 85 Salsa 1 Salsa1 86 Cha Cha 1 ChaCha1 87 Cha Cha 2 ChaCha1 88 Beguine 2 Beguine 2 90 Rumba 1	66	70's Rock&Roll	70'sRock
69Old RockOldRock70Easy RockEasyRock71New ShuffleNewShufl72Rock Hip HopRkHipHop73Rock&Roll 1R'N'R174Rock ShuffleRockShfl75Rock&Roll 2R'N'R2BALLROOM767 ango 1Tango 177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDown Beat99Progressive99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70's Disc	67	Folk Rock	FolkRock
70Easy RockEasyRock71New ShuffleNewShufl72Rock Hip HopRkHipHop73Rock&Roll 1R'N'R174Rock ShuffleRockShfl75Rock&Roll 2R'N'R2BALLROOM767ango 1Tango 177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowWox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70's Disco	68	Soft Rock	SoftRock
71New ShuffleNewShuffl72Rock Hip HopRkHipHop73Rock&Roll 1R'N'R174Rock ShuffleRockShfl75Rock&Roll 2R'N'R2BALLROOMTango 176Tango 1Tango 177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWiz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70's Disc	69	Old Rock	OldRock
71New ShuffleNewShuffl72Rock Hip HopRkHipHop73Rock&Roll 1R'N'R174Rock ShuffleRockShfl75Rock&Roll 2R'N'R2BALLROOMTango 176Tango 1Tango 177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotTechno195Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70's Disco	70	Easy Rock	EasyRock
72Rock Hip HopRkHipHop73Rock&Roll 1R'N'R174Rock ShuffleRockShfl75Rock&Roll 2R'N'R2BALLROOMTango 1Tango 176Tango 1Tango 177Spain MatadorMatador78Twist 1Twist 179Twist 2Twist 280Big Band FoxBandFox81Tango 2Tango 282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCETechno 1Techno195Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoTo'sDisc	71	· · · · · · · · · · · · · · · · · · ·	
73Rock&Roll 1R'N'R174Rock ShuffleRockShfl75Rock&Roll 2R'N'R2BALLROOM76Tango 1Tango177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Samba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCEDown BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoTo'sDisc			
74Rock ShuffleRockShfl75Rock&Roll 2R'N'R2BALLROOM76Tango 1Tango177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDown Beat95Techno 1Techno196Hip Hop 1HipHop197House 1Down Beat98Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoTo'sDisc	73		
75Rock&Roll 2R'N'R2BALLROOM76Tango 1Tango 177Spain MatadorMatador78Twist 1Twist 179Twist 2Twist 280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa 186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1DownBeat98Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
BALLROOMTango 1Tango 176Tango 1Tango 177Spain MatadorMatador78Twist 1Twist 179Twist 2Twist 280Big Band FoxBandFox81Tango 2Tango 282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa 186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1DownBeat98Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc	75		
76Tango 1Tango 177Spain MatadorMatador78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc	BAL		
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78Twist 1Twist179Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			-
79Twist 2Twist280Big Band FoxBandFox81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa 186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
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81Tango 2Tango282Slow FoxSlowFox83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa 186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
82Slow FoxSlowFox83Slow Waltz 1SlowWiz184Swing FoxSwingFox85Salsa 1Salsa 186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
83Slow Waltz 1SlowWlz184Swing FoxSwingFox85Salsa 1Salsa 186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
84Swing FoxSwingFox85Salsa 1Salsa 186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
85Salsa 1Salsa 186Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
86Cha Cha 1ChaCha187Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
87Cha Cha 2ChaCha288Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
88Beguine 1Beguine189Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
89Beguine 2Beguine290Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
90Rumba 1Rumba191Samba 1Samba192Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
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92Samba 2Samba293JiveJive94Fox TrotFoxTrotDANCE95Techno 196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
93JiveJive94Fox TrotFoxTrot95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
94Fox TrotFoxTrotPoxTrotFoxTrotDANCE95Techno 1Techno 196Hip Hop 1HipHop 197House 1House 198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap 1101DiscoDisco10270's Disco70'sDisc			
DANCE95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
95Techno 1Techno196Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			FOXITOL
96Hip Hop 1HipHop197House 1House198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			Teebno1
97House 1House 198Down BeatDownBeat99ProgressiveProgress100Rap 1Rap 1101DiscoDisco10270's Disco70'sDisc			
98Down BeatDownBeat99ProgressiveProgress100Rap 1Rap1101DiscoDisco10270's Disco70'sDisc			
99ProgressiveProgress100Rap 1Rap 1101DiscoDisco10270's Disco70'sDisc			
100 Rap 1 Rap1 101 Disco Disco 102 70's Disco 70'sDisc			
101 Disco Disco 102 70's Disco 70'sDisc		•	
102 70's Disco 70'sDisc			-
IU3 Club Dance ClubDanc			
104 Euro Dance EuroDanc			
105 Garage Garage	105	Garage	Garage



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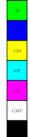
StyleList

SOUL & FUNK			
106	Funk 1	Funk1	
100	Classic Funk	ClasFunk	
107	Jay R&B	JayR&B	
108			
	Gospel Swing	GopSwing	
110	Gospel	Gospel	
111	Funk 2	Funk2	
112	Electric Funk	ElecFunk	
113	Groove Funk	GrooveFk	
114	Rubber Funk	RubberFk	
115	Cool Funky	ColFunky	
116	Jazz Funk	JazzFunk	
117	Groove	Groove	
118	Soul	Soul	
119	Hip Hop Soul	HipHopSI	
120	Hip Hop Beat	HipHopBt	
121	R&B	R&B	
122	British Soul Pop	BritSoul	
123	Latin Jazz 1	LatinJz1	
124	Big Band 1	BigBand1	
125	Dixieland 1	Dixland1	
126	Guitar Swing 1	GtSwing1	
127	Broadway Big Band	BwayBand	
128	Swing	Swing	
129	Latin Jazz 2	LatinJz2	
130	Fusion	Fusion	
131	Acid Jazz	AcidJazz	
132	Cool Jazz Ballad	CoolJzBd	
133	Swing Shuffle	SwingSfl	
134	Big Band Medium	BandMid	
135	Ragtime	Ragtime	
COL	INTRY		
000			
136	Country Pop 1	CntyPop1	
		CntyPop1 Blugras1	
136	Country Pop 1		
136 137	Country Pop 1 Bluegrass 1	Blugras1	
136 137 138 139	Country Pop 1 Bluegrass 1 8Beat Country Modern Country	Blugras1 8BtCnty ModrCnty	
136 137 138	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2	Blugras1 8BtCnty ModrCnty CntyPop2	
136 137 138 139 140	Country Pop 1 Bluegrass 1 8Beat Country Modern Country	Blugras1 8BtCnty ModrCnty	
136 137 138 139 140 141	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2	
136 137 138 139 140 141 142	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry	
136 137 138 139 140 141 142 143	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp	
136 137 138 139 140 141 142 143 144 145	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Shuffle	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk	
136 137 138 139 140 141 142 143 144 145	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk	
136 137 138 139 140 141 142 143 144 145	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Shuffle N&LATIN DANCE	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl	
136 137 138 139 140 141 142 143 144 145 LAT 146	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Shuffle N&LATIN DANCE Samba 3	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CntyFolk CnyShufl Samba3	
136 137 138 139 140 141 142 143 144 145 LAT 146 147	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Shuffle N&LATIN DANCE Samba 3 Bossa Nova Latin	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl Samba3 BosaNova	
136 137 138 139 140 141 142 143 144 145 LAT 146 147 148	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Shuffle N&LATIN DANCE Samba 3 Bossa Nova	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl Samba3 BosaNova Latin	
136 137 138 139 140 141 142 143 144 145 LAT 146 147 148 149	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Shuffle N&LATIN DANCE Samba 3 Bossa Nova Latin New Reggae	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl Samba3 BosaNova Latin NewRegga	
136 137 138 139 140 141 142 143 144 145 LAT 146 147 148 149 150	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Folk Country Shuffle N&LATIN DANCE Samba 3 Bossa Nova Latin New Reggae Reggae Dance	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl Samba3 BosaNova Latin NewRegga DanRegga	
136 137 138 139 140 141 142 143 144 145 LAT 146 147 148 149 150 151 152	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Glk Country Folk Country Shuffle N&LATIN DANCE Samba 3 Bossa Nova Latin New Reggae Reggae Dance Paso Doble Lite Bossa	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl Samba3 BosaNova Latin NewRegga DanRegga Pasodobl LteBossa	
136 137 138 139 140 141 142 143 144 145 LAT 146 147 148 149 150 151 152 153	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Folk Country Shuffle N&LATIN DANCE Samba 3 Bossa Nova Latin New Reggae Reggae Dance Paso Doble Lite Bossa Latin Rock	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl Samba3 BosaNova Latin NewRegga DanRegga Pasodobl LteBossa LatinRck	
136 137 138 139 140 141 142 143 144 145 LAT 146 147 148 149 150 151 152 153 154	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Shuffle N&LATIN DANCE Samba 3 Bossa Nova Latin New Reggae Reggae Dance Paso Doble Lite Bossa Latin Rock Beguine 3	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl Samba3 BosaNova Latin NewRegga DanRegga Pasodobl LteBossa LatinRck Beguine3	
136 137 138 139 140 141 142 143 144 145 LAT 146 147 148 149 150 151 152 153 154	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Shuffle N&LATIN DANCE Samba 3 Bossa Nova Latin New Reggae Reggae Dance Paso Doble Lite Bossa Latin Rock Beguine 3 Slow Bolero	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl Samba3 BosaNova Latin NewRegga DanRegga Pasodobl LteBossa LatinRck Beguine3 SIBolero	
136 137 138 139 140 141 142 143 144 145 LAT 146 147 148 149 150 151 152 153 154 155 156	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Shuffle N&LATIN DANCE Samba 3 Bossa Nova Latin New Reggae Reggae Dance Paso Doble Lite Bossa Latin Rock Beguine 3 Slow Bolero Disco Samba	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl Samba3 BosaNova Latin NewRegga DanRegga Pasodobl LteBossa LatinRck Beguine3 SIBolero DscSamba	
136 137 138 139 140 141 142 143 144 145 LAT 146 147 148 149 150 151 152 153 154 155	Country Pop 1 Bluegrass 1 8Beat Country Modern Country Country Pop 2 Bluegrass 2 2/4 Country Country Quick Steps Country Folk Country Shuffle N&LATIN DANCE Samba 3 Bossa Nova Latin New Reggae Reggae Dance Paso Doble Lite Bossa Latin Rock Beguine 3 Slow Bolero	Blugras1 8BtCnty ModrCnty CntyPop2 Blugras2 2/4Cntry QuickStp CntyFolk CnyShufl Samba3 BosaNova Latin NewRegga DanRegga Pasodobl LteBossa LatinRck Beguine3 SIBolero	

159	Rumba 2	Rumba2				
160	Rumba 3	Rumba3				
161	Lambada	Lambada				
162	Pop Cha Cha 1	PChaCha1				
WAL	WALTZ&TRADITIONAL					
163	Waltz	Waltz				
164	Old Waltz	OldWaltz				
165	English Waltz	EngWaltz				
166	German Waltz	GemWaltz				
167	Italian Mazurka	ItaMazuk				
168	Mexico Waltz	MexWaltz				
169	Vienna Waltz	VinaWltz				
170	Slow Waltz 2	SlwWltz2				
171	Jazz Waltz	JazzWltz				
172	Polka	Polka				
173	6/8 March	6/8March				
174	German Polka	GemPolka				
175	Party Polka	PtyPolka				
176	Army March	ArmMarch				
177	March	March				
178	US March	USMarch				
179	French Musette	FMusette				
180	Mazurka	Mazurka				
WOF						
181	Enka Ballad	EnkaBald				
182	Laendler	Laendler				
183	Hawaiian	Hawaiian				
184	Sirtake	Sirtake				
185	Dangdut	Dangdut				
186	6/8 Flipper	6/8Flipp				
187	New Age	NewAge				
188	Tarantella	Tarantel				
189	Scottish	Scottish				
190	Norteno	Norteno				
PIAN		1				
	Pianist 1	Pianist1				
	Pianist 2	Pianist2				
193	Pianist 3	Pianist3				
194	March 1	March1				
195	Italian Polka	ItaPolka				
196	Slow Waltz	SlwWltz				
197	Waltz 1	Waltz1				
198	Waltz 2	Waltz2				
190	Waltz 3	Waltz3				
200	Vienna Waltz	VinaWtz				
200	Latin	Latin				
201	Tango					
202	Lambada	Tango Lambada				
203	Samba	Samba				
	ChaCha	ChaCha				
205						
206	Beguine Salas	Beguine Salas				
207	Don Dooce					
208	Pop Bossa	PopBossa				
208 209	Jazz 1	Jazz1				
208						

Jazz 4	Jazz4
Jazz 5	Jazz5
Jazz 6	Jazz6
Jazz 7	Jazz7
Boogie	Boogie
Jive	Jive
Dixland	Dixland
Blues 1	Blues1
Blues 2	Blues2
Jazz Bluse	JazBluse
Pop 1	Pop1
Pop 2	Pop2
Pop 3	Pop3
Pop 4	Pop4
Ballad 1	Ballad1
Ballad 2	Ballad2
Ballad 3	Ballad3
Ballad 4	Ballad4
6/8 Ballad 2	6/8Bld2
	Jazz 5 Jazz 6 Jazz 7 Boogie Jive Dixland Blues 1 Blues 1 Blues 2 Jazz Bluse Pop 1 Pop 2 Pop 3 Pop 4 Ballad 1 Ballad 2 Ballad 3 Ballad 4

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Song List

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١0.	English Name	LCD Name
OL	K & COUNTRY	
1	Toccata	Toccata
2	Carry Me Back To Old Virginny	Virginny
3	El Condor Pasa	ElCondor
4	Traumerei	Traumere
5	Aloha Oe	AlohaOe
6	Greensleeves	Sleeves
7	Home Sweet Home	SwetHome
8	Heidenroslein	Heidenro
9	Long Long Ago	LongAgo
10	Die Lorelei	Lorelei
11	Over The Waves	OverWave
12	My Darling Clementine	Clemtine
13	Gwine To Run All Night	Gwine
14	Symphony No.6 "Pathetic"	Sympony6
15	Oh! Susanna	Susanna
16	Prelude Op.28 No.15	Prelude
17	The House Of The Rising Sun	RiseSun
18	Menuet	Menuet
-	DEN & POP	Incluce
19	Valse Des Fleurs	Fleurs
20	Fruhlingsstimmen	Fruhling
20 21	Frohlicher Landmann	Landmann
21	Are You Lonesome Tonight?	Lonesome
22		
	Toy Symphony	ToySymph
24	Auld Lang Syne	LangSyne
25	Ave Maria	AveMaria
26	Tales Of Hoffman	Hoffman
27	La Donne Mobile	DoneMble
28	Serenata	Serenata
29	Bridal March	Bridal
30	Can't Help Fallin' In Love	InLove
31	Chanson Du Toreador	Toreador
32	Danny Boy	DannyBoy
33	Ich Liebe Dich	LieDich
34	Wiegenlied 2	Wieglid2
35	Spanish Serenade	Serenade
36	Piano Concerto	Concerto
37	Piano Concerto 2	Concrto2
38	Madame Butterfly	Madame
39	Invitation To The Dance	ToDance
40	Wiegenlied 3	Wieglid3
41	Jingle Bells	JingBell
42	Joy To The World	JoyWorld
43	La Paloma	LaPaloma
44	My Bonnie	MyBonnie
45	La Reine De Saba	Saba
46	La Cucaracha	Cucarach
17	Little Brown Jug	BrownJug
48	Battle Hymne Of The Republic	BatlHyme
19	Yellow Rose Of Texas	YellRose
50	The Wabash Cannon Ball	CannBall
51	Annie Laurie	AnnieLa
52	Turkish March	Turkish
53	An Die Musik	Musik
	Lieder Ohne Worte Op.62 No.6	Lieder

55	Red River Valley	RedRiver
56	Die Forelle	Forelle
57	Symphony No. 94 "Suprise"	No. 94
58	Polonaise	Polonais
59	Rondeau	Rondeau
60	Moments Musicaux	Musicaux
61	Silent Night	SltNight
62	Moldau	Moldau
63	Summertime	Summer
64	Dreaming Of Home And Mother	Dreaming
65	Ring Ring De Banjo	DeBanjo
66	Der Lindenbaum	DerLinde
67	Zigeunerweisen	Zigeuner
68	The Maiden's Prayer	Prayer
69	Fur Elise	FurElise
70	Der Freischutz	DerFreis
71	Maria! Mari!	Maria!
	ASSICAL	Maria:
72	Waves Of The Danube	Danube
72	Santa Lucia	SantaLuc
73 74	Solveig's Song	
74 75	Piano Sonatan No. 8 In C Minor (Pathetique)	Solveig Patheque
	Brahms Waltz	
76		BrmsWltz
77	Aida	Aida
78	Carmen-Prelude	Carmen
79	L'Arlesienne	L'Arlesi
80	Uungarische Tanz	Uungaris
81	Mazurka	Mazurka
82	Pizzicato Polka	Polka
83	Menuett	Menuett
84	Rigoletto	Rigoleto
85	Serenade	Serenade
86	Song Without Words	SongNoWd
87	Swan	Swan
88	The Dying Swan	DyingSwn
89	Swan Lake Valse	SwnWalse
90	The Happy Farmer	HpFarmer
91	The Sleeping Beauty	SleepBty
92	La Traviata	LaTravia
93	Wiegenlied	Wiegenli
94	Mov. 2 Adagio Non Troppo Piano Sonata No. 9 In D	Sonata9
95	Piano Sonata No. 11 In A	Sonata11
96	Prelude In C	Prelude
97	Chinese Dance	ChDance
98	Emperor Waltz	Emperor
99	March Militaire	Militair
00	Symphony No. 40	Symphony
	NO	
01	Hanon Piano Fingering 1	Hanon1
02	Hanon Piano Fingering 2	Hanon2
03	Hanon Piano Fingering 3	Hanon3
00	Hanon Piano Fingering 4	Hanon4
05	Hanon Piano Fingering 5	Hanon5
105	Basic Tutorial Beyer Piano 12	Beyer12
100	Basic Tutorial Beyer Piano 13	
	Basic Tutorial Beyer Plano 13 Basic Tutorial Beyer Plano 14	Beyer13 Beyer14
80		
09	Basic Tutorial Beyer Piano 15	Beyer15



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Song List

110	Basic Tutorial Beyer Piano 18	Beyer18
111	Cuckoo	Cuckoo
112	Basic Tutorial Beyer Piano 21	Beyer21
113	Basic Tutorial Beyer Piano 29	Beyer29
114	Butterfly	Buterfly
115	Basic Tutorial Beyer Piano 45	Beyer45
116	Christmas Eve	XmasEve
117	Basic Tutorial Beyer Piano 50	Beyer50
118	Basic Tutorial Beyer Piano 52	Beyer52
119	Basic Tutorial Beyer Piano 55	Beyer55
120	Basic Tutorial Beyer Piano 59	Beyer59

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Demo List

NO.	English Name	LCD Name
1	Demo1	Demo1
2	Demo2	Demo2
3	Bossa Nova	BosaNova
4	Fusion	Fusion
5	Jazz	Jazz

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MIDI Implementation Chart

Default	ı — — — — — — — — — — — — — — — — — — —	Recognized	
	1ch	ALL	
Changed	1-16ch	1-16ch	
Default	×	3	
Messages	×	3	
Altered	******	×	
Note	0—127	0—127	
:True voice	******	0—127	
Note on	○ 9nH,V=1-127		
Note off	× (9nH,V=0)		
key's	×	×	
Ch's	×	×	
	0	0	
0	0	0	Bank Select
1	×	0	Modulation
5	×	0	Portamento Time
6	0	0	Data Entry
7	0	0	Volume
10	×	0	Pan
11	×	0	Expression
64	0	0	Sustain Pedal
65	×	0	Portamento ON/OFF
66	0	0	Sostenuto Pedal
67	0	0	Soft Pedal
80	×	0	Reverb Program
81	×	0	Chorus Program
91	0		Reverb Level
93	0		Chorus Level
120	×		All Sound Off
121		0	Reset All Controllers
123		0	All Notes Off
		0	
:true	******	0-127	
lusive	×	0	
:SongPosition	×	×	
:Song Select	×	×	
:Tune	×	×	
:Clock		×	
:Commands			
:LOCAL ON/OFF	×	×	
:Active sense	×	0	
:Reset	×	×	
	Messages Altered Note :True voice Note on Note off key's Ch's 0 1 5 6 7 10 11 64 65 66 67 80 81 91 93 120 121 123 :true clusive :SongPosition :Song Select :Tune :Clock :Commands :LOCAL ON/OFF :Active sense	Messages × Altered ************************************	Messages x 3 Altered *********** x Note 0—127 0—127 ITrue voice ************************************

When the accompaniment is started, an FAH message is transmitted. When accompaniment is stopped, an FCH message is transmitted.

• Mode 1: OMNI ON, POLY

• Mode 2: OMNI ON, MONO

Mode 3: OMNI OFF, POLYMode 4: OMNI OFF, MONO

∘: YES ×: NO

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