



WDX-100

2.4GHZ DMX512 WIRELESS TRANSMITTER
FOR SOUNDSATION 5X18W & 5X10W
BATTERY POWERED PARS



USER MANUAL

Please read this manual carefully and proper take care of this manual



Dear customer,

First of all thanks for purchasing a SOUNDSATION® product. Our mission is to satisfy all possible needs of musical instrument and professional audio users offering a wide range of products using the latest technologies.

We hope you will be satisfied with this item and, if you want to collaborate, we are looking for a feedback from you about the operation of the product and possible improvements to introduce in the next future. Go to our website www.soundsationmusic.com and send an e-mail with your opinion, this will help us to build instruments ever closer to customer's real requirements.

One last thing: read this manual before using the instrument, an incorrect operation can cause damages to you and to the unit. Take care!

The SOUNDSATION Team

IMPORTANT SAFETY INSTRUCTIONS

- ▶ Read these instructions
- ▶ Keep these instructions
- ▶ Heed all warning
- ▶ Follow all instructions

1.2.1. WATER / MOISTURE

This lighting is intended to indoor use only. To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable, explosive or corrosive materials surrounded in 10 meters while operating.

1.2.2. HEAT

The apparatus should be located away from heat sources such as radiators, stoves or other appliances that produce heat.

1.2.4. OBJECT AND LIQUID ENTRY

Objects do not fall into and liquids are not spilled into the inside of the apparatus for safety.

1.2.7. POWER SUPPLY

Always make sure that you are connecting to the proper voltage and the line voltage not higher than stated on the decal or rear panel of the fixture. Unplug this apparatus during lightning storms or when unused for long periods of time.

1.2.12. SERVICING

In case of failure or mis-function occurred, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Buy the same spare parts/components from manufacturer directly.

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I. BEFORE YOU START

Carefully unpack the box and check the contents to ensure that all parts are present and in good conditions.

1. WDX-100 Wi-Fi DMX Transmitter
2. 5Vcc - 1A Power Adapter
3. This User Manual

If anything damaged during transport, notify the shipper immediately and keep the packing material for inspection. Again, please save the carton and all packing materials. If the unit must be returned to manufacturer, it is important that it is returned in the original manufacturer box and packing.

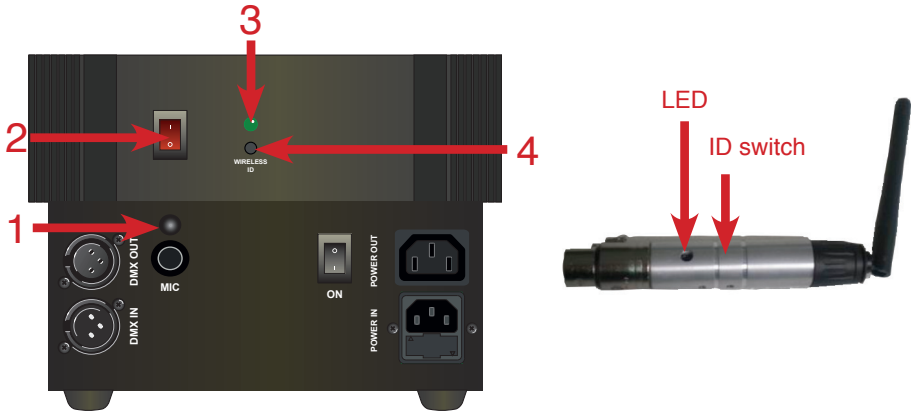
2. PRODUCT OVERVIEW

WDX-100 is a 2.4GHz wireless DMX512 interface for Soundsation PAR-18-4-BW and PAR-10-5-BW; and allows them to be controlled without the use of DMX cables. The system operates on 2,400-2,525 GHz license-free band and can be used on maximum 7 transmitter-receiver pairs, for a total of 126 DMX channels. Maximum distance is 400m (without obstacles). Setting it up is easy and immediate.

3. PRODUCT SPECIFICATION

- ▶ Up to 7 transmitter-receiver pairs simultaneously
- ▶ Up to 126 DMX512 channels
- ▶ Controls: 1 setup button to change ID value; 1 LED to show 7 different colors according to the chosen ID; 1 power connector.
- ▶ Power requirement: 5Vcc, 1A (adapter included)
- ▶ Dimension: 137mm x D18mm (without antenna); 215 x D18mm (with antenna)
- ▶ Net weight: 0.08 kg

4. WIRELESS DMX CONTROL



1.	Antenna
2.	DMX Wireless Receiver On/Off switch
3.	LED indicator
4.	ID setting switch

System works with SOUNDSATION PAR-10W-5-BW & PAR-18-5-BW pars.
 Contact your SOUNDSATION local dealer or visit www.soundsationmusic.com for further information.

Working conditions:

LED constant lit up:	no DMX or wireless signal.
Red LED flash:	transmitting
Green LED flash:	receiving
RF frequency:	2. 400-2. 525 G, total 126 channels

4.1. ID code and LED color correspondence

DMX data communication occurs only if transmitter and receiver are both under same ID code. Each ID has a different assigned color as shown in next table.

ID	COLOR
1	RED
2	GREEN

3	RED+GREED
4	BLUE
5	RED+BLUE
6	GREEN+BLUE
7	RED+GREED+BLUE

6.2.2. ESTABLISHING COMMUNICATION

1. Power on the DMX512 wireless receiver by using switch 2 on PAR-10/18W-5-BW
2. Power on SOUNDSATION WDX-100 Wireless Transmitter board
3. Press “Key” button to set same ID value on transmitter and receiver (please use different ID values if you need to use more than 1 group wireless network at same time in same place)
4. The LED on the transmitter turns red and flashes when it sends DMX data by no interfered frequencies
5. If same ID value is set on both devices and there are no interferences, LED on receiver turns green and flashes. The faster DMX data are, the faster it flashes
6. Then communication is established correctly.

5. WARRANTY AND SERVICE

All SOUNDSATION products feature a limited two-year warranty. This two-year warranty is specific to the date of purchase as shown on your purchase receipt.

The following cases/components are not covered from the above warranty:

- Any accessories supplied with the product
- Improper use
- Fault due to wear and tear
- Any modification of the product effected by the user or a third party

SOUNDSATION shall satisfy the warranty obligations by remedying any material or manufacturing faults free of charge at SOUNDSATION’s discretion either by repair or by exchanging individual parts or the entire appliance. Any defective parts removed from a product during the course of a warranty claim shall become the property of SOUNDSATION.

While under warranty period, defective products may be returned to your local SOUNDSATION dealer together with original proof of purchase. To avoid any damages in transit, please use the original packaging if available. Alternatively you can send the product to SOUNDSATION SERVICE CENTER – Via Enzo Ferrari , 10 – 62017 Porto Recanati - Italy . In order to send a product to service center you need an RMA number. Shipping charges have to be covered by the owner of the product.

For further information please visit www.soundsationmusic.com

6. WARNING

PLEASE READ CAREFULLY – EU and EEA (Norway, Iceland and Liechtenstein) only



This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2202/96/EC) and your national law.

This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (WEEE).

Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources.

For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service.



soundsation



MADE IN CHINA

This product is imported in EU by
 Questo prodotto viene importato nella UE da
 FRENEXPORT SPA – Via Enzo Ferrari, 10 - 62017 Porto Recanati - Italy

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