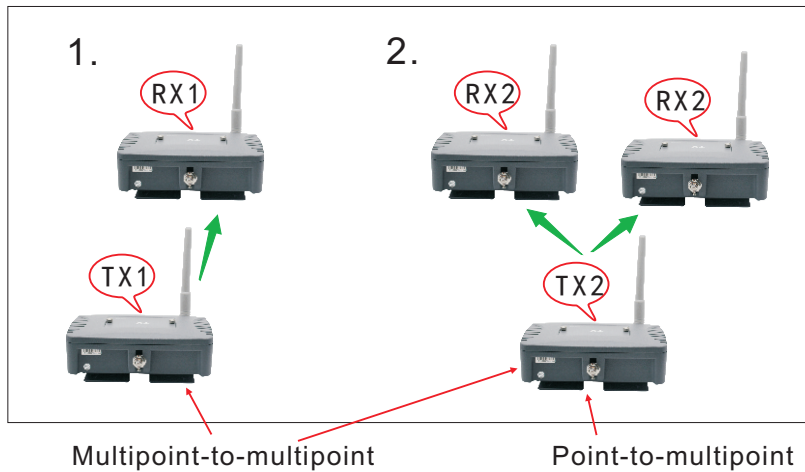
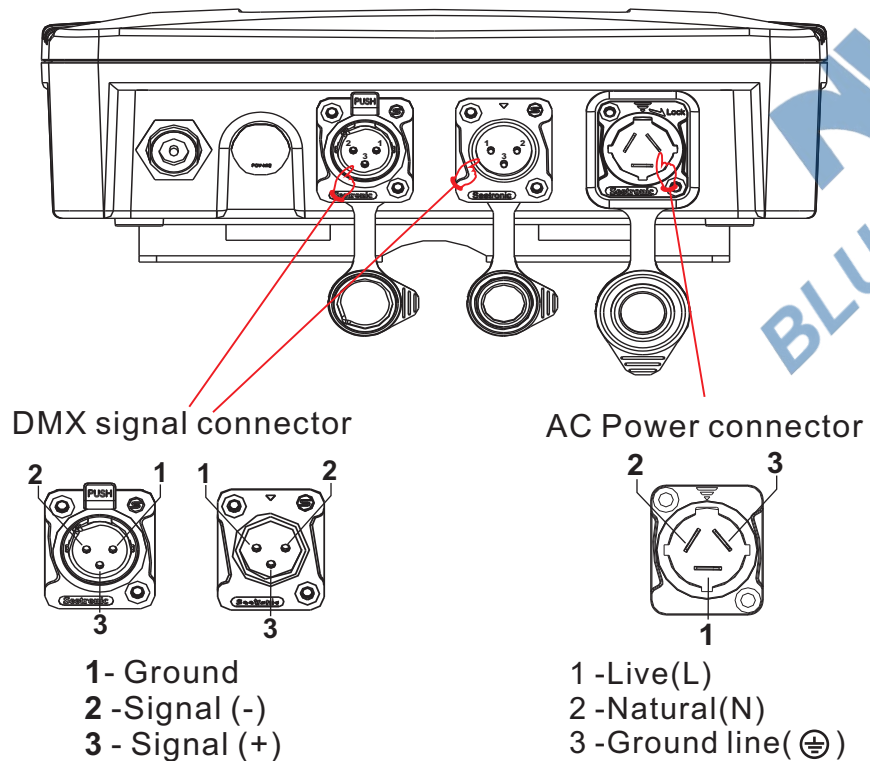


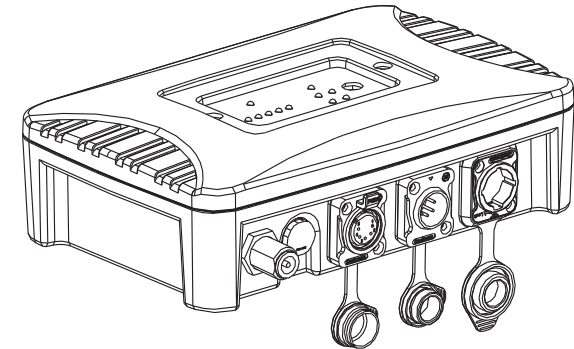
7.5 Wireless transceiver installation



8. Wire connection drawing



DMX 512 WIRELESS SERIES



Die-cast Aluminum outdoor waterproof
Wireless transceiver-Standard Version

Version:3.4 2023-05-11

User Manual

This product manual contains important information about the safe installation and use of this product. Please read and follow these instructions carefully and Keep this manual in a safe place for future reference.

1, Introduction

DMX wireless system is match with any channel DMX512 controller and lighting. Speedy transmit, Autocorrect and No disturbance. One-to-one or one transmitter to many receivers. Several transmitters can be installed at same place. Frequency will be automatic matching, Adopting Sweden W-DMX transceiver technology.

2, Technical parameters

- * Switch transmit and receive status freely
- * Transmit distance: 500M (Visible distance)
- * Gain: omnidirectional 5 dBi
- * IP Rated: IP65
- * AC input: AC 88~256V 50/60Hz
- * Dimension: 226 × 157 × 81 MM
- * Net Weight: 2.0 KG

3, Installation

3.1 What is included:

- * Die-cast Aluminum outdoor waterproof wireless transceiver 1PC
- * User manual 1PC
- * N-head antenna 1PC
- * AC power input line 1PC
- * Signal cable 1PC
- * N-head transfer elbow 1PC
- * 1:1 Installation diagram 1PC

3.2 Unpacking instructions

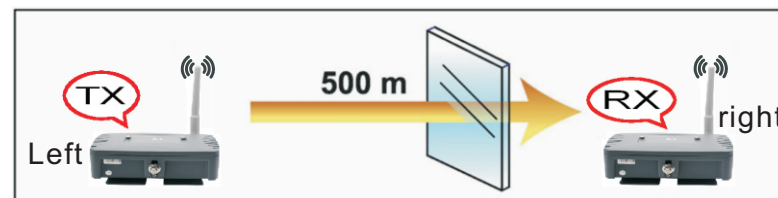
Immediately upon receiving a picture, carefully unpack the carton, check the contents to ensure that all parts are included, and have been received in good condition. Notify the shipper immediately and remain packing material for inspection if any parts appear to be damaged during shipping or the carton itself appears mishandling. Keep the carton and all packing materials. In the case that a fixture must be returned to factory, it's important that the fixture be returned in original factory box and packing.

3.3 Safety instructions

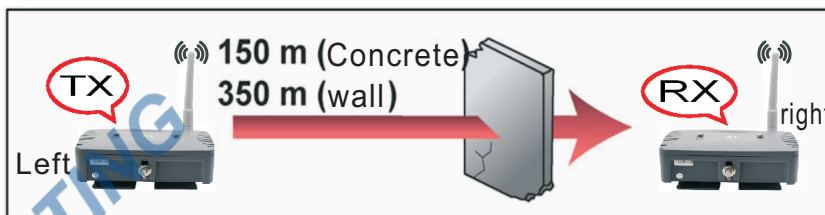


Please read these instructions carefully, which includes important information about the installation, usage and maintenance.

7.4 Wireless installation diagram

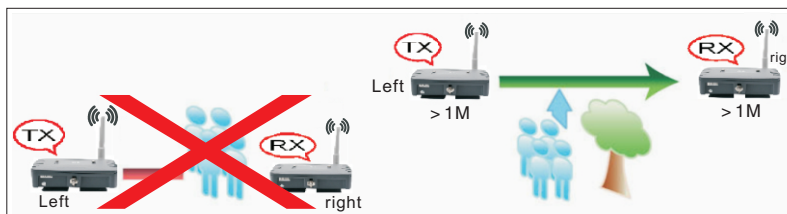


✓ The distance from the transmitter (via glass): up to 500 meters

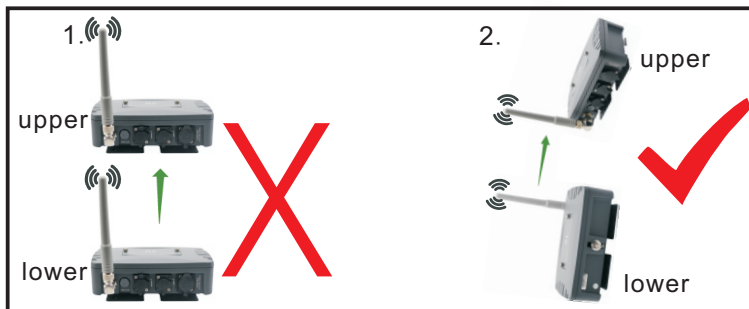


✓ The distance from the transmitter (via wall, except concrete): up to 350 meters

✓ The distance from the transmitter (via concrete): up to 150 meters



✓ Placement: at least 1 meter above the crowd, at least 1 meter above the trees.



✓ If the product be in the upper and lower positions, make sure that the two antennas of the product are placed horizontally and maintain a face-to-face balance.

* Connecting One Or Several Receivers To A Transmitter

Note: After the unit is set to transmitter or receiver, you need to restart the power of units. When the transmitter is connected to the power for 5 seconds, the **RFLINK** on the transmitter is on , then you can match the transmitter and receiver!

To connect your receiver(s) to a specific transmitter:

- Make sure that the receiver(s) to be connected, is (are) not linked to another transmitter: only the **RX** LED on this (these) receiver(s) is on, and the other LEDs are off.
- Press the **FUNCTION** button of the transmitter for 1 second to release, the **LINK** LED of transmitter is on for 5 seconds and then becomes off. After 5 seconds, the **RFLINK** LED is on, the transmitter and receiver mating completed.
- When mating the receiver, the **LINK** LED and the first red LED of **SIGNAL LEVEL** on the receiver are on. When the transmitter and receiver mating is complete, the **RFLINK**, **LINK**, **SIGNAL LEVEL** LEDs on the receiver will be on.

* Disconnecting Receivers From A DMX Universe / Transmitter

To disconnect all the receivers from a DMX universe / transmitter:

- Press the **FUNCTION** button of the transmitter for about 3 seconds until the **LINK** LED turns OFF, the **LINK** LED(s) on the receiver(s) turn (turns) OFF (disconnected).

To disconnect an individual receiver from a DMX universe / transmitter:

- Press the **FUNCTION** button of the receiver for about 3 seconds until the **RFLINK**, **LINK**, and **SIGNAL LEVEL** LEDs turn OFF.
- This receiver is now disconnected from the transmitter (DMX universe).

7,Recommendation for use

- Antenna position: Far away from disturb sources,ex:WLAN antenna and equipment with motor like moving heads and etc.
- Use High Version or Custom Version Wireless transceivers to get good transmit effect at bad electromagnetism place, un-visiable place or wider than 500M distance.
- Correct installation

If the stability of the antenna cannot be ensured, the quality of the antenna calibration will be affected.Wind and other external influences must be considered when installing the antenna.

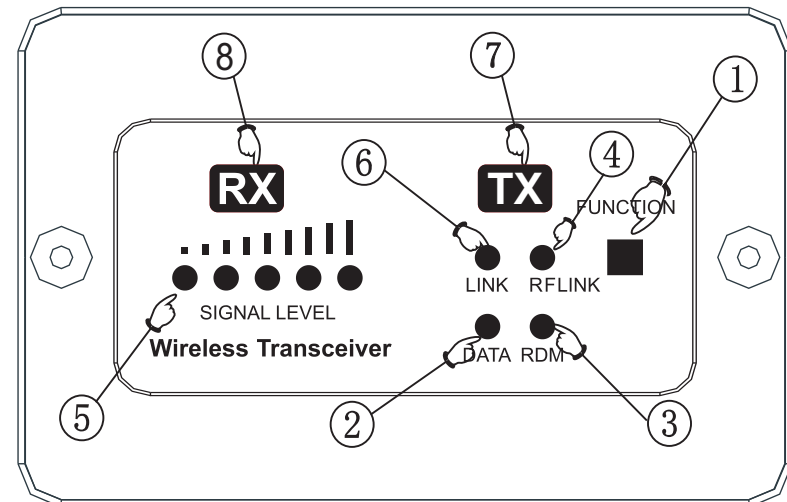
Notes: Suggest using a torque spanner to tighten all the screw to ensure a firm connection.

- Please keep this user manual for further reference. If you sell this unit to another user, please guarantee that they receive this manual as well.
- Always make sure the unit be connected to proper voltage as rated on product and manual.
- This product is designed for both indoor and outdoor use but not put it in deep water.
- To avoid fire or shock risk, please confirm attachment non-flammable during use.
- The unit must be installed at a well vented place, keep apart at least 50CM.Vent must not be blocked.
- Stop to use immediately upon any serious operation problems. Don't try to repair it. Inexperienced maintenance could cause damage or fault. Please contact near authorized technical and use the same parts.
- Please confirm power line not be crimp or damaged.
- Don't disconnect power line by pull power line directly.

CAUTION - How to put cover

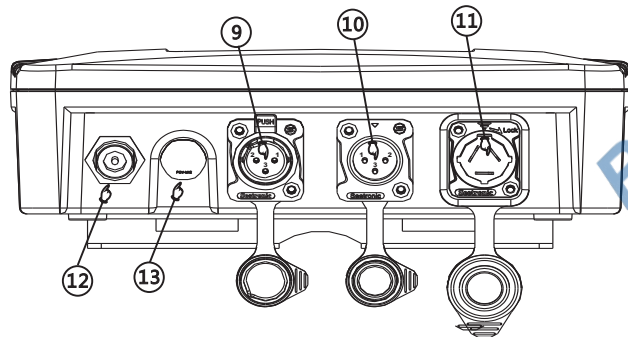
- ** Before closing the lid, check waterproof washer be put well or not
- ** After closing the lid, opposite angle to fix screw smoothly to avoid screw slippery tooth.

4, Product overview(Front Panel)



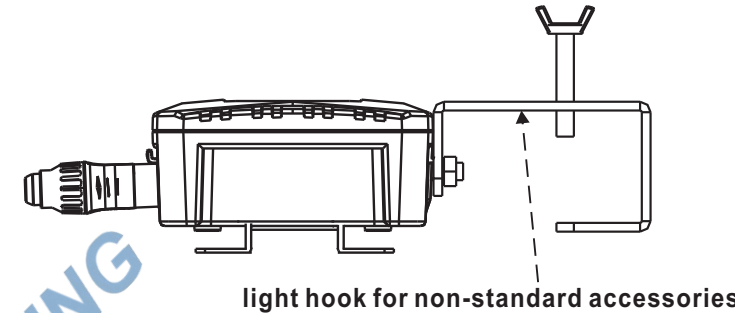
Item	Name	Function
1	FUNCTION	Function switch
2	DATA	DMX data present
3	RDM	indicates that the unit is performing RDM activity.
4	RFLINK	indicates that there is an active radio link of Transmitter.
5	SIGNAL LEVEL	Shows the signal strength of the connection (The transmitter's SIGNAL LEVEL will not light up, only the SIGNAL LEVEL of the receiver will light up; the receiver SIGNAL LEVEL only when the yellow LED is on, that is, no transmit signal)
6	LINK	Receiver: indicates whether the unit is linked to a transmitter or if it's available to be linked Transmitter: indicates an ongoing linking activity
7	TX	Transmit-Mode Indicator
8	RX	Receive-Mode Indicator

5, Rear panel



Item	Name	Function
9	DMX OUT	DMX 512 signal output interface
10	DMX IN	DMX 512 signal input interface
11	AC power input interface	AC 88~256V power input interface

12	N-head antenna interface	Wireless antenna of connecting N-head interface
13	AIR interchanger	Balance the pressure inside and outside of the box



6, Indicator light status and operation description

Each unit is a DMX wireless transceiver, which means that each unit can be set up to be either a transmitter or a receiver. To use a pair of wireless transceivers for transmitting signal data, you need to set up the transmit or receive mode of each unit, and then connect the receiver and the transmitter.

* Setting Up The Unit In Transmitter Mode :

- First of all, power on the unit to check whether it is already in transmitter mode or not. When the **TX** LED is lit, the unit is in transmitter mode. If the **RX** LED is lit, perform the next 2 steps.
- Turn off the power from the unit by disconnecting the power input connector from the mains.
- Press the **FUNCTION** button while powering on the unit. The **TX** LED will lit. The unit is now in transmitter mode.

* Setting Up The Unit In Receiver Mode :

- First of all, power on the unit to check whether it is already in receiver mode or not. When the **RX** LED is lit, the unit is in receiver mode. If the **TX** LED is lit, perform the next 2 steps.
- Turn off the power from the unit by disconnecting the power input connector from the mains.
- Press the **FUNCTION** button while powering up the unit. The **RX** LED will lit. The unit is now in receiver mode.