Wireless DMX Transceiver User Manual

1.Specifications

Rated voltage : 5 Volt DC / 500mA via adapter AC100～240V 50/60Hz
DMX connector : 3-pin XLR
DMX Universes : 7
Frequency : 2.4Ghz
Dimensions per unit : 212 x 18 x 18mm
G.W (per unit) : 0,18 kg

2.Operating Guide

Wireless transceiver has two operating modes: **set-up mode** and **use mode**

1），Set-up mode: Press and hold the button before you power up. When you see status indicator turns into the white light, release the button to enter the Set-up mode. In this mode you can select different transmission protocols. Each time you press the button, you would see the status indicator changes in follow order: red, green, blue and yellow. In the Set-up mode, different colors mean different communication protocols which are listed on the following table. Choose one of the protocols and press and hold the button (> 1S), when you see the white light, release it to enter the use mode.

Note: The wireless transceiver will remember the chosen protocol even after you disconnecting the power supply. There is no need for repeated setting.

Color	Protocol
RED	Wi-MAZ
GREEN	W-DMX Receive
BLUE	W-DMX G3 Transmit
YELLOW	General Protocol

2），Use mode:
a) Powered up and enter the use mode;
b) If it is in set up mode, press and hold the button (> 1S) until you see the white light, then release it to enter the use mode

3. Description of Status Indicator

Protocol	Action	Description
Wi-MAZ	Red,green,blue,yellow , cyan,purple(white)	6/7 different wireless groups
	Red flashing	Transmitting DMX
	Green Flashing	Receiving DMX Signal
W-DMX Receive	White	Connection is not Established
	Red	Deleting Connection
	Red (fast-flash)	Connection is Lost
	Green (fast-flash)	Connecting to Transmitter
	Green (Slow-flash)	Connected, without DMX signal
	Green	Connected, Receiving DMX signal
W-DMX Transmit	Red	Deleting all receivers' Connection
	Blue (Fast Flash)	Connecting with the Receiver(s)
	Blue (Slow- Flash)	No DMX Signal Input
	Blue	Connected but no DMX signal
	Green	Transmitting DMX

4. Select Wireless Group

Each time you press the button, the status indicator will change different colors. In this case different colors mean different groups. Only when the indicators of the transmitter and receiver show the same color they can communicate with each other.

When the transmitter connects to the controller, the status indicator of the transmitter would flash red. If the receiver gets the DMX signal, the indicator would flash green.

NOTE: The first time when you press the button, it will not change the color but show you the group that you are in. If you press it again it will switch to other group

Wi-MAZ mode supports 6 groups
(FHSS, 1100 hops / sec)
1: RED ---------- Red
2: GREEN ---------- Green
3: BLUE ---------- Blue
4: RED + GREED ---------- Yellow
5: GREEN + BLUE ---------- Cyan
6: RED + BLUE ---------- Purple

General protocol supports 7 groups
(Frequency Agile)
1: RED ---------- Red
2: GREEN ---------- Green
3: RED + GREED ---------- Yellow
4: BLUE ---------- Blue
5: RED + BLUE ---------- Purple
6: GREEN + BLUE ---------- Cyan
7: RED+GREED+BLUE ------- White

5. Restore factory settings

By pressing and holding the button (> 1S), When see the BLUE flashing, Then release the button, the devices would flash "RED-GREEN-BLUE" quickly, and then turns red. It indicates that the device has restored to factory settings successfully. The default group is red.

6. Connection and Delete Connection

In the W-DMX G3 or G4 Transmit Mode, by pressing the button, the transmitter can be connected to all powered but not connected receivers within the coverage area; Press and hold (> 3S) the transmitter's button until the indicator turns red. The device will disconnect with all receivers within the coverage range.

In the W-DMX Receive Mode, Press and hold (> 3S) the receiver's button until the indicator turns white. The device would disconnect with the transmitter.

Note: Receiver could only be connected to the new transmitter after the old connection is deleted.