

# DmxHF

## Manual

### ➤ Features :

- 512 DMX channels transmission
- Receiver / Transmitter selection
- 16 channels of communication
- LED indicator

### ➤ Package content :

- 1x DmxHF (with antenna)
- 1x 5v 1A DC Power Supply (country dependent plug)

### ➤ Precautions :

- Do not open the box or power supply, under penalty of warranty refusal
- Do not expose to water or moisture, under penalty of warranty refusal

### ➤ Specifications :

- Input voltage : 5V DC
- Dimensions (mm) : 70 W, 70 D, 45 H
- Weight : 0.4 kg
- Connectors : 1x Barrel DC, 1x MC3MAH, 1x MC3FAH
- Operational environment : -10° / 40° (non-condensing)
- Timing precision : 1  $\mu$ s
- DMX break time : 100  $\mu$ s (+/- 10  $\mu$ s)
- DMX connectors Data - / Data + impedance : 120  $\Omega$

### ➤ DMX3 Connectors' pinouts :

- Pin 1 : GND
- Pin 2 : Data - ( - $\theta$ )
- Pin 3 : Data + ( + $\theta$ )
- Any 3 to 5 pin DMX connector adaptor can be used (please check pinout before)

### ➤ Status LED :

- Transmitter :
  - Green : The product is powered, without DMX input
  - Slow Blinking : DMX input detect and transmitting
- Receiver :
  - Green : The product is powered, without DMX reception
  - Fast Blinking : DMX reception and output
- Note :
  - After the power-up, a test phase of 5 seconds is used to test the transmission between the different products: the transmitter simulates a DMX detection (the indicator's receiver must blink fast)

### ➤ Channel Dip-Switch :

You can choose the transmission channel between 0 and 15 (2.4GHz wifi channels)

For example :

- First dip-switch "ON" and the other "OFF" : channel 0
- Second and last dip-switch "ON", the other "OFF" : channel 10
- All dip-switch "ON" : channel 15

### ➤ Mode selector :

With this switch, you can choose between transmit and receive mode.

Note :

For safety, when the product is switched on, no parameters (channel or mode) can be changed: you must turn the unit off and on again to make changes effective.