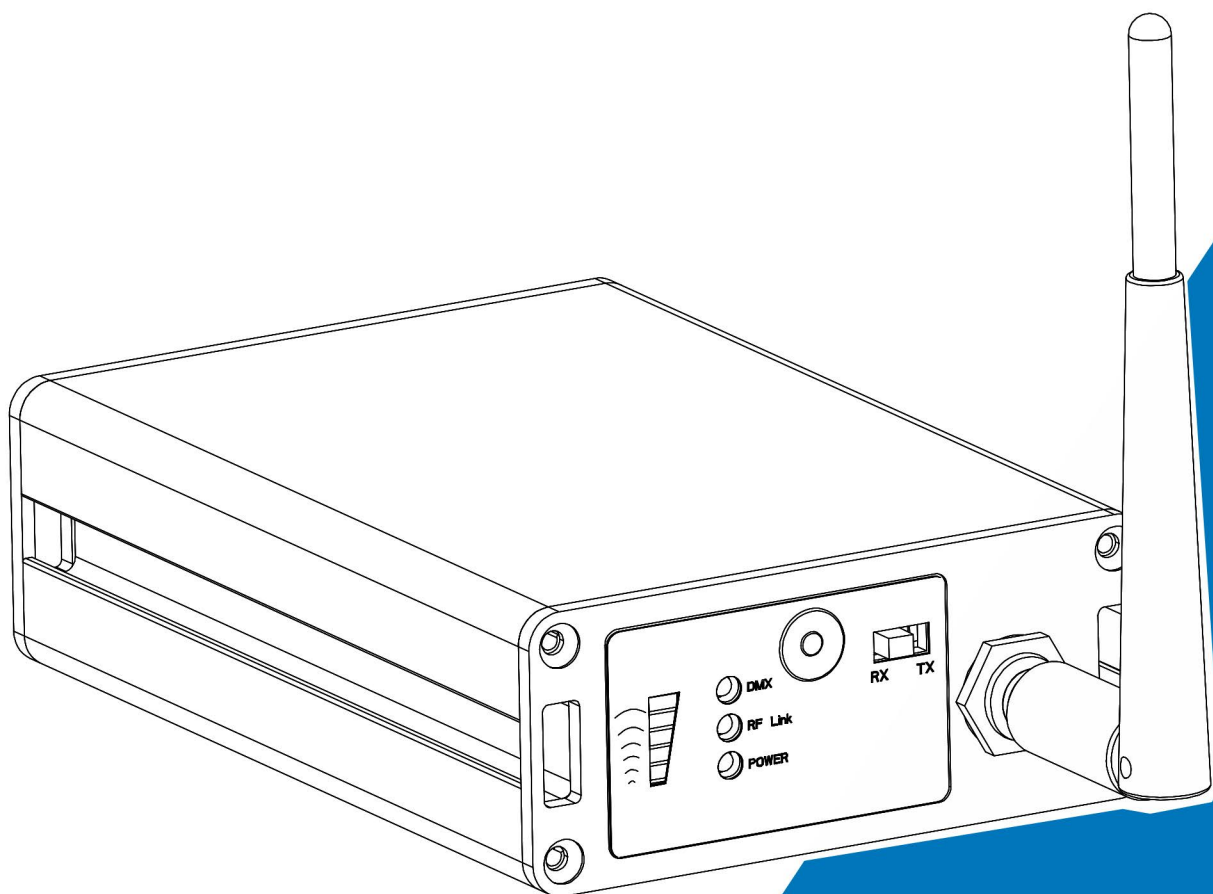




Wireless DMX Transceiver

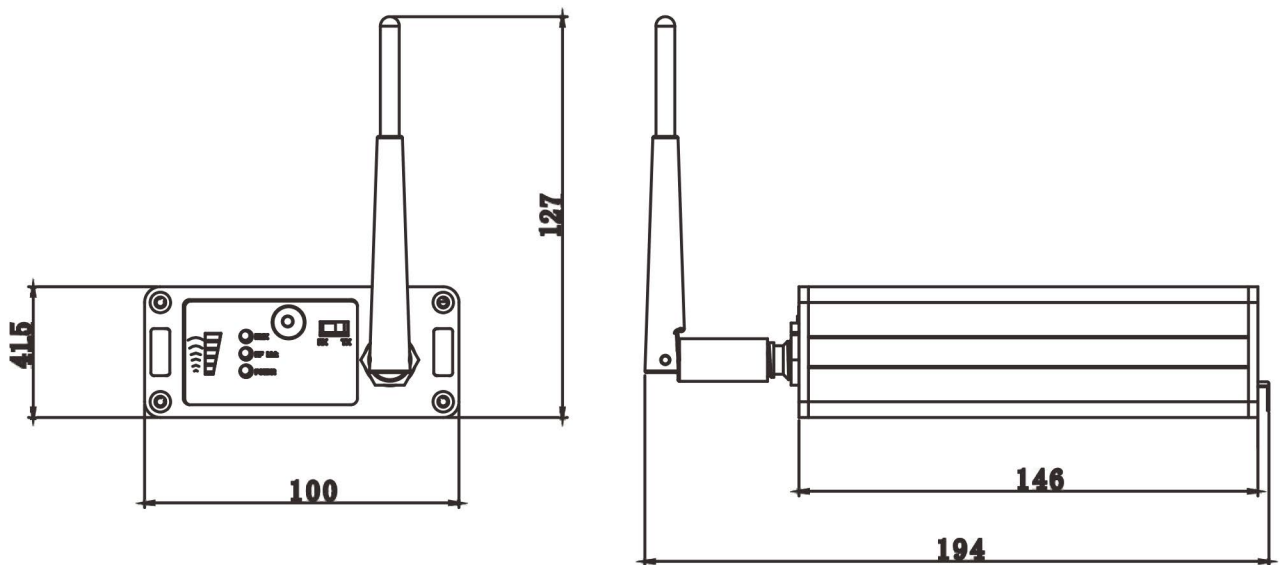


User Manual

Please read the instruction carefully before use

Specification

Input Voltage:	AC 100-240V, 50/60Hz
Power Consumption:	5W
Wireless frequency:	2.4GHz
Receive range:	300m
Dimension/Weight:	194 x 100 x 127 mm, 0.6Kgs 7.6"x3.9"x5" in, 1.3lbs



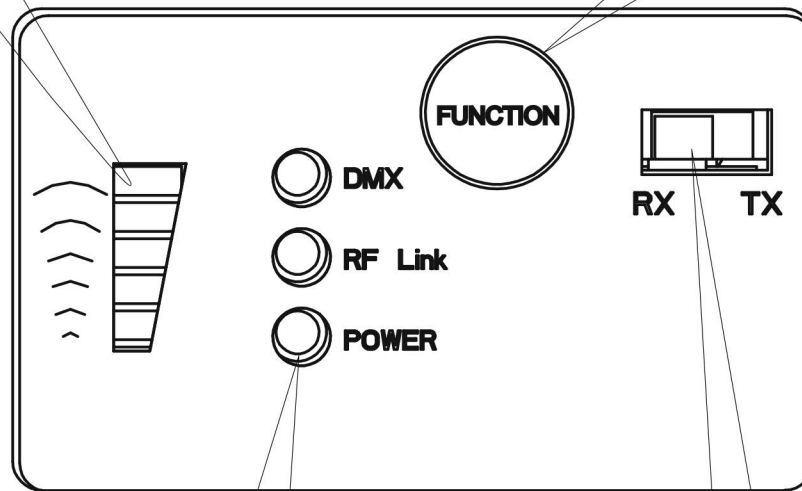
Control Panel

Signal quality indicators

For the Receiver, it shows the signal strength; for the Transmitter, only one indicator on all the time.

Function

Press to link with, or unlink from another unit.



Status Indicators

RF Link on Transmitter:

On: Linked.

Fast flashing: Linking.

Slow flashing: Unlinked, or linked but no DMX present.

RF Link on Receiver:

On: Linked

Fast flashing: Linking

Slow flashing: Linked but no DMX present

Off: Unlinked

DMX: On when DMX is present

POWER: On when power applied

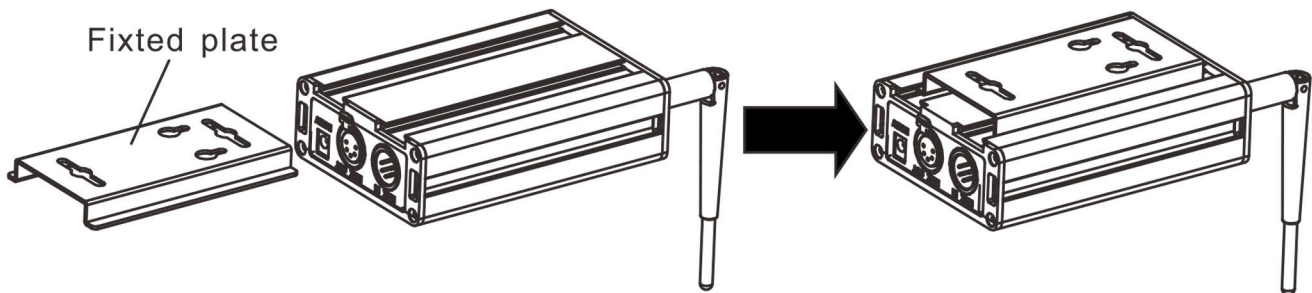
RX/TX switch

Select Receiver or Transmitter.

2. Wall-hang

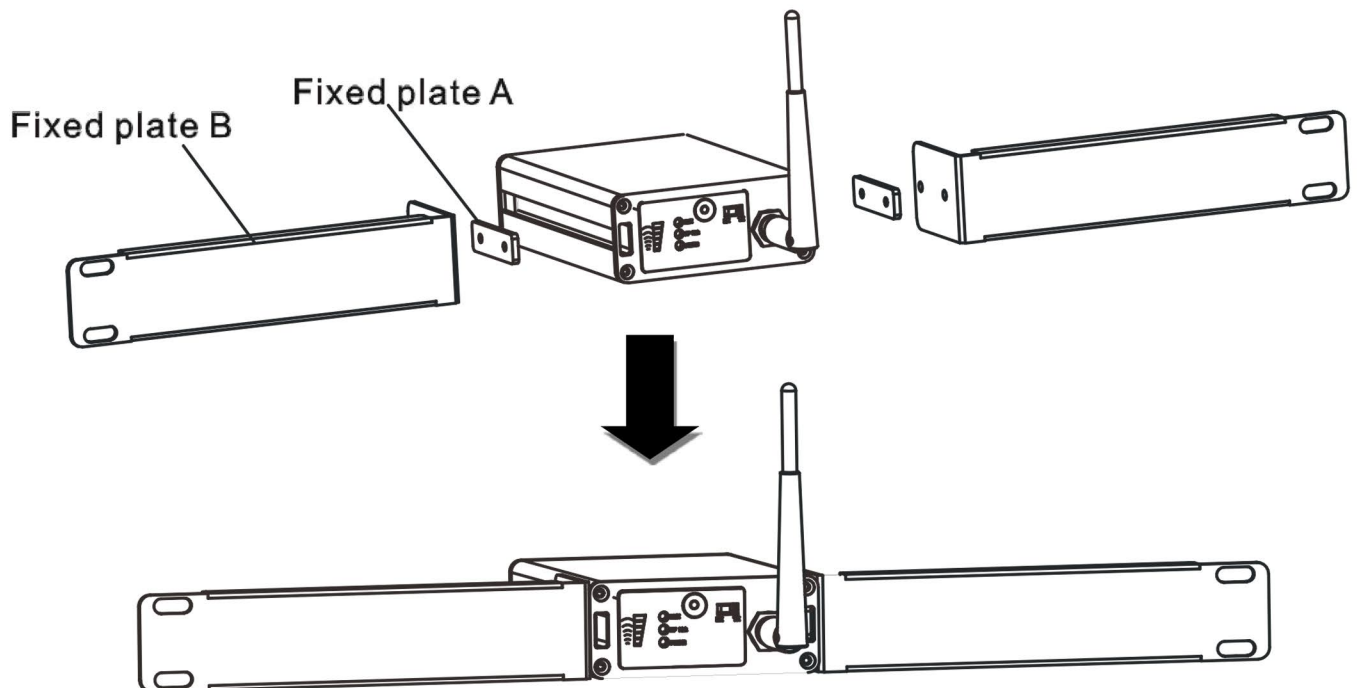
Slide the fixed plate into the slots in the surface of the fixture.

Hang the fixture on the wall.



3. Fixed in the equipment cabinet

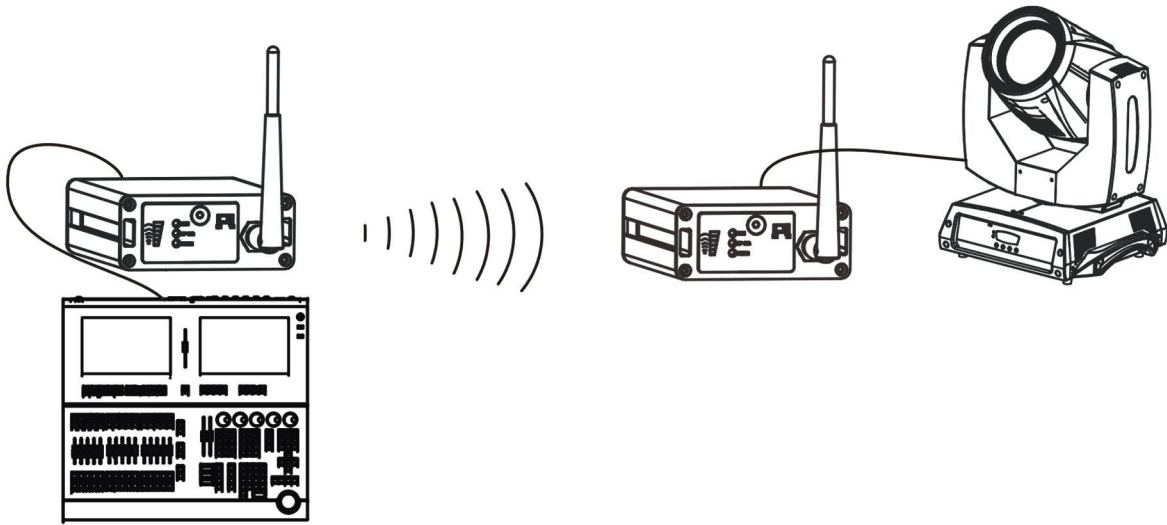
Put the fixed plates A into the side slots of the fixture. Combine fixed plate A with fixed plate B via M4 x 10 Hex screws. Mount the combination in the equipment cabinet via the screws.



Operation



Connect with the other XP-LR512 RT:



1. Ensure the antenna is connected for all XP-LR512 RT.
2. Connect XP-LR512 RT with DMX console and connect the other XP-LR512 RT with the fixtures.
3. Power on all the fixtures.
4. Select TX mode (Transmitter) or RX mode (Receiver) for all the XP-LR512 RT.
5. On the transmitter, press and release the Function button.
The transmitter will search for any unlinked receivers. Its RF Link indicator will fast flash for 10 seconds. If the RF Link indicator changes to a steady on-state, it means they linked successfully. If the indicator changes to flash slowly, it means fail.
6. Press and hold the Function button for more than 3 seconds to unlink it from the other XP-LR512 RT.



Wireless Transceiver

XP-LR 512 RT

XP-LR 512 RT is a flexible product, meaning that it can be switched either as a transmitter or a emitter. It supports one DMX universe of up to 512 channels with maximum refresh rate.

Based on our ACME technology, the XP-LR 512 RT brings you all the advanced wireless features such as Automated Cognitive Coexistence, DMX fidelity, lowest latency in the industry at 5ms, 128 bit encryption and much more. With support for ACME wireless, the XP-LR 512 RT provides never before seen flexibility for both wireless and wired DMX. Multiple XP-LR 512 RT units in transmitter mode can be combined to transmit several DMX universes, allowing for easy system expansion. The XP-LR 512 RT is compatible with all other ACME wireless product.

XP-LR 512 RT utilizes the international license free ISM band on 2.4GHz.

Supported protocols

USITT DMX512, DMX512(1990) & DMX512-A

Specifications

Power Voltage: 100-240V, 50/60Hz / 5W (Adapter)

Power Consumption: 5W

DMX in/out: 5-pin XLR sockets

Dimensions : 145 x 100 x 42 mm

Weight: 0.5 kgs



RF characteristics

Operational frequency range: 2402-2480 Mhz

Output power levels: 300mW (25dBm) (only allowed in North America),

100mW (20dBm), 50mW (17dBm), 10mW (10dBm)

Tested link range: up to 1000 meters line-of-sight

Dimension(mm)

