

Eternal Lighting

Lighting Makes All The Difference

XT-Mitter Pro

Version 3.0



FEATURES

- Transmits DMX-512 wirelessly up to 400m (Line-of-Sight)
- Ultra-stable 2.4ghz ISM operation
- Up to 16 systems may operate simultaneously
- Automatic or manual channel selection
- 4 User-selectable transmission levels
- Easy to read LCD display
- Really, extremely simple operation.
- FCC Compliant

SAFETY INSTRUCTIONS

- Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- This product is intended for indoor use only!
- To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- Maximum ambient temperature is 104°F (40°C). Do not operate fixture at higher temperatures.
- In the event of a serious operating problem, stop using the unit.
- Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction.
- Never connect the device to a dimmer pack.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.

Maximum recommended serial data link distance: 400 meters (1640 ft.)

Maximum recommended number of fixtures on a serial data link: 32 fixtures

CAUTION! There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself.

- Operation Mode (1)
- Operating Frequency (2)
- Power Level (3)
- Channel Group ID (4)

The LCD display onboard the Eternal Lighting XT-Mitter Pro Wireless DMX transceiver Gives you all pertinent information about the unit's operating mode.

Below, each symbol is described:

1.) Operation Mode: Gives the mode of the unit, either Transmitter ("T"), Receiver ("R"), or Searching ("-").

2.) Operating Frequency: Displays the current operating frequency while the unit is in Transmitter or Receiver Mode. While in Searching mode, the unit will display the current frequency being scanned.

3.) Transmission Power Level: Displays the current transmission power (applicable for Transmitter Mode Only):

- "1" = 2dBm (Lowest)
- "2" = 8dBm
- "3" = 14 dBm
- "4" = 20 dBm (Highest)

To change the transmission power level, use the "PA" button located on the front panel.

4.) Channel Group ID: Displays the current channel group (1-9, A-F). In auto mode, the transmitting unit will auto select the clearest channel group. When a receiving unit in a single-group setup is powered on, it will automatically sync to the transmitter. In multiple transmitter/receiver setups, manual configuration may be required.

To manually configure the channel group ID, use the "ID" button on the front panel. Set each transmitter/receiver group to the same group ID to ensure correct operation.

POSSIBLE CONFIGURATIONS

The diagrams below show possible configurations. Multiple receivers may be used in any possible configuration.

OPTION 1. A transmitter is connected to the output of the controller, and a receiver is connected at the input of the first DMX fixture.

OPTION 2. A transmitter is connected to the output of a DMX fixture, and a receiver is connected to the input of the next DMX fixture.

SPECIFICATIONS

Model: XT-Mitter Pro 3.0

Voltage: 12VDC, 500ma

100~240V, 50/60Hz

Operating Band: 2.4Ghz ISM

Max Operating Range: 400 Meters (Line of Sight)

Max Transmission Power: 20dBm

Receiver Sensitivity: -94dBm

Data Input: 3-Pin Locking XLR Male

Data Output: 3-Pin Locking XLR Female

Protocol: USITT DMX-512

Dimensions: 5.8"(L) x 2.95"(W) x 1.7"(H)

75mm x 147mm x 43mm

Weight: .8 Lbs. / .36 kgs.

Duty Cycle: None

Working Position: Any Safe, Secure Position

Warranty: 1 Year

Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.