

Features

- Transmits DMX over IEEE 802.11b Ethernet Standard
- Ad-Hoc (Point to Point) mode
- Infrastructure (Point to Multipoint) mode
- Includes PC based configuration utility
- Expandable using off the shelf Ethernet hardware
- Advanced configuration options
- Inbuilt DMX termination
- Accepts Ethernet output directly from Zero 88 Leap Frog 48/96 and Frog 2 consoles, via a WAP



Overview

Zero Wire DMX is a compact wireless DMX solution, enabling wireless control of any DMX device (dimmer, LED fixture or moving head). The system operates via Wifi, on the international licence-free Industrial Scientific & Medical Spectrum (ISM) within the 2.4GHz spectrum.

Each box can be set to work either as an encoder or a decoder.

In encoder mode, the unit takes in DMX and converts the data into Ethernet packets and then routes them via the Wifi network system. In decoder mode, the unit receives Wifi Ethernet packets and converts them back to DMX. Multiple Decoders can listen to a single encoder, giving a truly versatile system.

Using the 2.4 GHz spectrum, either as a point to point, or point to multipoint solution, Zero Wire DMX has achieved wireless data streaming distances of over 5Km.

The system can work either in Ad Hoc mode, where the transmitter simply talks directly to the receiver, or in Infrastructure mode, where the system routes the data via a standard (off the shelf) Wireless Access Point (WAP). The system can be purchased with a preconfigured Wireless Access Point, although any off the shelf WAP can be used in conjunction with the Zero Wire boxes. Utilising a WAP gives extended data range, so is recommended in circumstances beyond a simple point to point system.

Ordering Information

Zero Wire Encoder/Decoder Pair:
00-882-00

Zero Wire Encoder/Decoder Pair with
UK Wireless Access Point:
00-882-01

European Wireless Access Point:
00-882-22

Supplied Accessories

Operating Manual and Configuration
Utility (on CD)
RS232 Cable

Specifications

- Power Specifications: PCMCIA Card 100mW (ETSI, FCCI Approved)
- Wireless Ethernet Standard: 802.11B or G
- Modulation Technique: DSSS
- Input voltage: 100-250VAC Internal switch mode PSU
- Antenna Type: 5Dbi Reverse SMA Detachable
- Operating Temperature: -10 to +50 °C
- DMX Connectors: XLR5 Pin in and out
- RS232 Connector: 8 Pin Mini-DIN (PS2)
- DMX Termination Switch: fitted as standard
- Dimensions (per unit): 52mm(H) x 90mm(W) x 210mm(D)
- Weight (per unit): 1Kg
- Operating Temperature: +5°C to +40°C
- Humidity: 5% to 95% Non condensing

Voltage



100V	<input checked="" type="checkbox"/>	220 - 240V NON CE	<input checked="" type="checkbox"/>
110 - 127V	<input checked="" type="checkbox"/>	277V	<input type="checkbox"/>
230V CE	<input checked="" type="checkbox"/>	347V	<input type="checkbox"/>

Standards



This product conforms to one or more of the above standards.
Please contact your local Cooper Controls representative for further information.

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