

Tender Specifications



ÆtherBox LITE

1 Universe CRMX Wireless Transceiver

1. General

1. The device shall be a versatile, single universe Wireless CRMX Transceiver.
2. The device shall be CE, RCM, cTUVus compliant.
3. The device shall comply with the USITT DMX-512 A.
4. The device shall offer compatibility with both Lumen Radio CRMX and Wireless DMX G protocols.
5. The device shall offer RDM compatibility for remote monitoring and settings.
6. The device shall 5W max power consumption.
7. The device shall offer track-adapter option for suspension and fixing.
8. The device shall not infringe any Intellectual Property unless licenced by the owner.

2. Physical

1. The device shall be constructed from sturdy polycarbonate black body.
2. The device shall be equipped with a hole for a safety cable.
3. The device shall offer track-adapter option for suspension and fixing.
4. The device shall feature integral power and electronics.
5. The device shall weigh no more than 0,4 kg/0.88lbs.
6. The device, without accessories, shall not be larger than (WxHxD) 140x60x100mm / 5.51"x2.36"x3.94".

3. Electrical

1. The device shall feature an internal auto sensing power supply with an input range from 100 V to 240 V AC 50/60 Hz.
2. The device shall feature a nominal power consumption of 5 W.
3. The device shall feature a Seetronic® PowerCON TRUE IP65 IN connector.
4. The device shall feature an Amphenol XLR 5p IN/PUT connectors.
5. The device shall be equipped with 3 control buttons and status LEDs on board.
6. The device shall be compatible with the USITT DMX-512A RDM protocol.

7. The device shall support firmware upgrades via a dedicated UP-LOADER device using a 5 pin XLR connector.
8. The device shall meet all requirements of the LVD (Low Voltage Directive) 2014/35EC and with the EMC (Electromagnetic Compatibility Directive) 2014/30/EU.

4. Environmental

1. The device shall feature IP 20 rating.
2. The device shall be capable of operating in ambient temperature range of -10°C (14°F) to +45°C (113°F).

5. Control And User Interface

1. The device shall offer RDM compatibility for remote monitoring and settings.
2. The device shall feature with DMX512, RDM, CRMX + WDMX, Bluetooth protocols.
3. The device shall feature with 3 control buttons and status LEDs on-board.
4. The device shall feature with LumenRadio TimoTwo DMX/RDM compatible with both CRMX, CRMX2 and W-DMX (Wireless DMX), Bluetooth capable.
5. The device shall feature to upgrade the firmware via DMX interface (UPBOX2).

6. Accessories

The following accessories shall be available as an optional:

1. Track-Adapter Kit for Global Pulse DMX/DALI 3-Circuit Adapters.
2. Slim aluminium truss clamp.
3. Self-lock slim aluminium truss clamp.
4. TH07 Power cable with 3 x 2.5mm conductors, from powerCON TRUE1 to Schuko plug.
5. TH07 Power cable with 3 x 2.5mm conductors, from powerCON TRUE1 to CEE plug.
6. Dmx cable from XLR 5p male to XLR 5p female.
7. Up-loader Tool (UPBOXPRO).

Approved device shall be the PROLIGHTS ÆtherBox LITE; no alternates or equals.