Tender Specifications

ControlGo

Portable 1-Universe DMX Controller, DMX, RDM, CRMX and battery operated

1. <u>General</u>

1. The device shall be a versatile and portable single universe DMX Controller.
2. The device shall be a DMX512 Dimmer channel controller, an RDM controller, and a DMX recorder.
3. The device shall comply with the USITT DMX-512 A and ANSI RDM E 1.20, CRMX protocol standards.
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 must be equipped with a remote UI controller offering a one-to-one interface with the device as if one were operating it directly.
7. The device shall 8W max power consumption.
8. The device shall be CE, RCM, FCC, cTUVus compliant.
9. The device shall not infringe any Intellectual Property unless licenced by the owner.

2. <u>Physical</u>

1. The device shall be constructed from sturdy polycarbonate black body.
2. The device shall be equipped with 5" Touch LCD.
3. The device shall be equipped with 4 rotary push-encoders with RGB backlight and control buttons on board.
4. The device shall be equipped with a hole for soft handle accessory.
5. The device shall be equipped with 2x NP-F battery slots.
6. The device shall weigh no more than 0.6kg / 1.32lbs.
7. The device, without accessories, shall not be larger than (WxHxD) 222x146x51mm / 8.87''x5.57''x2.00''.

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3. Electrical

1. The device shall be equipped with several low voltage DC inputs: 12-48V DC input through SF6-M 4p, 48V via Remote Connector, 5-12V via USB type-C, 7.2V via battery slots.
2. The device shall feature onboard 2x NP-F battery slots.
3. The device shall feature an optional adapter for V-Mount batteries.
4. The device shall feature a nominal power consumption of 8 W.
5. The device shall feature an Seetronic® XLR 5p OUTPUT connectors.
6. The device shall support firmware upgrades via a dedicated UP-LOADER device using a 5 pin XLR connector.
7. 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 be compatible with the USITT DMX-512A RDM protocol.
3. The device shall feature with DMX512, RDM, CRMX + WDMX, Bluetooth protocols.
4. The device shall be equipped with 5" Touch LCD.
5. The device shall be equipped with 4 rotary push-encoders with RGB backlight and control buttons on board.
6. The device shall feature with LumenRadio TimoTwo DMX/RDM compatible with both CRMX, CRMX2 and W-DMX (Wireless DMX), Bluetooth capable.
7. The device shall feature to upgrade the firmware via USB pen drive, onboard memory or DMX interface (UPBOXPRO/UPBOX1).

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6. <u>Accessories</u>

The following accessories shall be included in fixture supplied:

1. Soft handle (CTRGHANDLE, included),
2. Eva Case (CTRGEVACASE, included),
3. Neck lanyard with double balancing and adjustable side strips (CTRGNL, included).

The following accessories shall be available as an optional:

1. 7,5 m cable for Remote Control (CTRGCABLE),
2. Quick mount plate (CTRGQMP),
3. V-Mount adapter (CTRGVMADP),
4. Empty ABS case (CTRGABSC),
5. Up-loader Tool (UPBOXPRO).

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

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