AetherBox

IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready

ORDER CODE: **AETHERBOX**

The **AetherBox** is a robust IP65-rated single universe CRMX transceiver, designed for professional use in any venue, whether it be indoor or outdoor, on stages or sets. It boasts an extensive range of connectivity options including XLR 5p in/out, Ethernet for sACN and ArtNet, as well as Wi-Fi and Bluetooth, while supporting both CRMX and CRMX2 transmission protocols.
Constructed from die-cast aluminum, the chassis offers water and dust proof protection. It also provides versatile mounting solutions, such as rack mounting, truss mounting with velcro strings, camlock for easy hanging via omega brackets, and M10 and 3/8 threads for additional anchoring options.
The unit is adaptable in terms of power sources, accommodating mains power through a True1 connector, DC12V input, and battery operation via an adapter plate. For user interaction, it features a color display and pushable encoders, allowing for easy access to advanced configuration settings.

MAIN FEATURES

- IP65 single universe CRMX transceiver, compatible also for battery operation
- XLR 5p in/out, Ethernet for sACN and ArtNet, as well as Wi-Fi and Bluetooth
- Rack mounting, truss mounting, camlocks, M10 and 3/8 threads anchoring options
- Either LumenRadio CRMX, CRMX2 and Wireless DMX G3 and G4S transmission option

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- Max power consumption: 3W
- Standby power: 2,5 W
- Power factor: > 0,95

BATTERY
- Battery: V NP-F550/F570/F750/F770/F960/F970 type battery

PHYSICAL
- Operating Temperature: -20° ~ +45°
- IP rating: 65 for temporary outdoor application, not for fixed installations
- Suspension and fixing: M10 and 3/8'' threaded insert for easy installation, wall mount, velcro strips, Omega clamp
- Signal connection: Seetronic XLR 5p IN/OUT connectors
- Data connection: Seetronic Ethernet IP IN connector
- Power connection: Seetronic powerCON TRUE IP65 IN
- Low Voltage DC connector: Weipu SA6(12-48V), Battery slots
- Dimensions (WxHxD): 245x45x241mm / 9.65''x1.77''x9.49''
- Weight: 1,8kg / 3.97lbs

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, RCM, FCC, cTUVus

TECHNICAL SPECIFICATION

BODY
- Hardware on-board: rack-mount hardware
- Body: weatherproof IP65 construction
- Body colour: black

CONTROL
- Protocols: DMX512, RDM, ArtNet, sACN, CRMX, CRMX2, Bluetooth
- DMX channels: 512channel
- Wireless Control: included, LumenRadio TimoTwo DMX/RDM compatible with both CRMX, CRMX2 (Lumen Radio) and W-DMX (Wireless DMX), Bluetooth capable
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (USB-DMX interface not included)
- Other: 1 push encoder, 1 LINK/UNLINK button and status LEDs on-board
- Other: Transmission range up to 100 meters with the included AEB2DBA90D antenna in open field
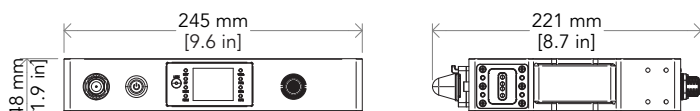
ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz

ACCESSORIES & RELATED PRODUCTS

AETHERBOXTWO	Professional IP65 double universes CRMX transceiver, battery ready
AETHERBOXLITE	1 Universe CRMX Wireless Transceiver
AETHERBOXRX	IP67 1 Universe CRMX Wireless receiver for exterior installation
AEBBAG1U	Empty ABS case for 1 pc of AETHERBOX
AEB5DBA	5dB antenna
CRMXBOXIP6790ADP	IP67 90 degree adapter for CRMXBOXIP67 antenna
CABEXTN2N01M/03M 05M/10M/15M	Extension cable for AETHERBOX and CRMXBOXIP67, 1m/3m/5m/10m/15m

AEBRP2TNC	RP-TNC Female to N Male Adapter
AEB2DBA90D	2 dBi Black 90° angled antenna (Connector: N-male)
AEB2DBA	2 dBi Omni antenna (Connector: RP-TNC male)
AEBBATADP	Battery holder for AETHERBOX
AEBRACKADP	Rack adapter for AETHERBOX
OS27PLUS	Quick-Lock omega bracket, M12 hole
UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHICAL DRAWINGS

CERTIFICATIONS / APPROVALS

Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website for specifications and tech documentations

245 mm [9.6 in]
48 mm [1.9 in]
221 mm [8.7 in]