# ÆtherBox Two

IP65 2 universes CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth, battery and POE ready

ORDER CODE: **AETHERBOXTWO**



The AetherBox TWO is a robust IP65-rated double universes CRMX transceiver, designed for professional use in any setting, 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 CRMX transmission protocol.

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, POE and V-lock 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 double universes CRMX transceiver
- 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
- Main power DC12V input, POE and V-lock battery operation via an adapter plate
- Available operating modes: TX mode, RX mode, and Repeater mode
- Compatible with: CRMX, G4S, G3, and CRMX2 - CRMX2 operates as a receiver only

## TECHNICAL SPECIFICATION

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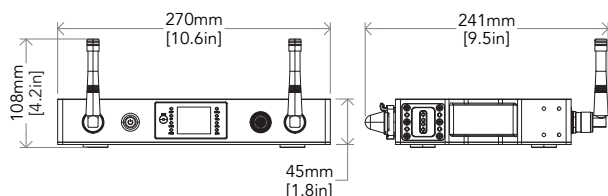- Body: weatherproof IP65 construction
- Body colour: black

### CONTROL
- Protocols: DMX512, RDM, ArtNet, sACN, CRMX, Bluetooth
- DMX channels: 1024channel
- Wireless Control: included, 2 x LumenRadio TimoTwo DMX/RDM compatible with both CRMX, CRMX2 (as RX mode only) and W-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
- Other: Contains 2 independent TimoTwo modules, each capable of transmitting one CRMX universe (512 ch) - Total: 2 universes (1024 ch) over Ethernet input
- Other: Transmission range up to 80 meters with the included AEB2DBA90D antenna in open field

### ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Low Voltage DC mains: 12V via DC IN, 7.2V via battery slots, POE
- Max power consumption: 5W
- Standby power: 1,4 W

### BATTERY
- Battery: V NP-F550/F570/F750/F770 type battery via dedicated accessory

### PHYSICAL
- Operating Temperature: -20° ~ +45°
- IP rating: IP65 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): 270x45x241mm / 10.63''x1.77''x9.49''
- Weight: 2,2kg / 4.85lbs

### CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, RCM

## ACCESSORIES & RELATED PRODUCTS

| | |
|---|---|
| AETHERBOX | IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready |
| AETHERBOXLITE | 1 Universe CRMX Wireless Transceiver |
| AETHERLINK | IP66 rated 1 Universe CRMX wireless transceiver for permanent outdoor installation |
| AEBTWOBAG1U | Empty ABS case for 1 pc of AETHERBOXTWO |
| 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 |

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|---|---|
| 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