

TRUEBLU - BLUETOOTH RECEIVER



The Australian Monitor TRUEBLU is a programmable Bluetooth® audio receiver.

Featuring an integrated Bluetooth v5.1 module and 3.5mm auxiliary input for wired devices. The receiver also includes front panel media controls, pairing and source selector buttons.

Output is via either balanced stereo XLR or unbalanced RCA. RS232 is also supported to allowing the TRUEBLU to be programmed via 3rd party control systems

The TRUEBLU can be programmed using free downloadable Bluetooth Control software to modify the broadcast name, PIN number and various security settings features.

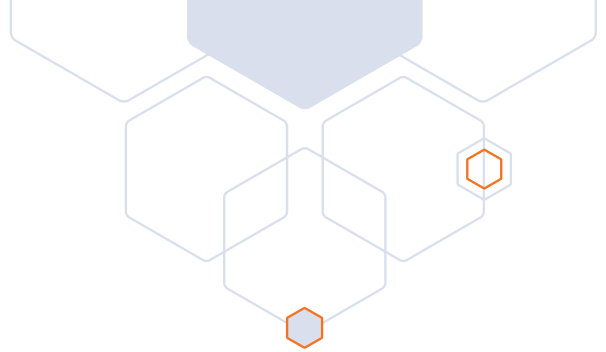
FEATURES

- Bluetooth v5.1 audio receiver
- Supported Bluetooth profiles
 - A2DP Sink – Advanced audio distribution profile
 - AVRCP – Audio/Video remote controller profile
 - HFP Sink - Hands free profile
- Front Panel
 - 3.5mm auxiliary input
 - Bluetooth media controls
 - Pairing button
 - Source selector button
- Rear panel
 - Stereo balanced XLR audio output and stereo unbalanced RCA.
 - USB-C programming connector
 - RS232 control
 - Closed contact pairing

BLUETOOTH CONTROL SOFTWARE

The Bluetooth PC control software can be freely downloaded from the Australian Monitor website. Simply connect the TRUEBLU to the PC using the USB-C connector and program the name, PIN , security and audio features.





| MODEL | TRUEBLU | COMMENTS |
|---------------------------------|---|---|
| AUDIO | | |
| INPUT CONNECTORS | 3.5mm Front Auxiliary Input | |
| INPUT SENSITIVITY | 200mVrms | 3.5mm stereo input |
| OUTPUT CONNECTORS | Balanced stereo XLR, unbalanced stereo RCA | |
| OUTPUT SENSITIVITY | 1Vrms | |
| FREQUENCY RESPONSE | 20Hz-20kHz | ±3.0db |
| THD + N | < 0.1% | 20Hz-20kHz, 20Hz BW, Unity Gain |
| SNR | > 80dBA | Max Output, 1kHz, 20kHz BW, A-Weighted |
| BLUETOOTH | | |
| VERSION | Bluetooth v5.1 | |
| PROFILES | A2DP Sink – Advanced audio distribution profile AVRCP – Audio/Video remote controller profile HFP Sink - Hands free profile | |
| RANGE | 200m | Direct line of site. Walls and obstacles will reduce this distance |
| CONTROL | | |
| USER CONTROLS | Front panel tactile push buttons | |
| COMMS INTERFACE | USB-C, RS232 | PC Control Software |
| POWER REQUIREMENTS | | |
| INPUT VOLTAGE | +15 to +24V DC | |
| INPUT CURRENT | 50mA @ 15VDC 60mA @ 24VDC | |
| POWER CONSUMPTION | 1.5W Max | |
| THERMAL DISSIPATION CONSUMPTION | 5.2 BTU | 1W = 3.412 BTU/Hr |
| MECHANICAL | | |
| PRODUCT DIMENSIONS | 144mm x 104mm x 47mm (5.7"W x 4.1"D x 1.7"H) | Total depth is 115mm inclusive of Bluetooth antenna and RCA connector |
| SHIPPING DIMENSIONS | 246mm x 126mm x 62mm (9.7"W x 5.0"D x 2.4"H) | |
| NET WEIGHT | 460g (1.01Lbs) | |
| SHIPPING WEIGHT | 820g (1.81lbs) | |
| FINISH | Powder coated steel | |
| COLOUR | Blue | |
| OPERATING TEMPERATURE | 0°C to 40°C (95% RH) | |
| APPROVALS | | |
| | CE, IEC, RCM | |

