

# Universal interface

## 4W2-200

Universal 4W/2W interface

### Specifications

**Powering:** 12-32 V, nom. 24V/ 25mA; **4W Connection:** balanced XLR-4M.

**Line Connection:** XLR-3M; **Telephone Line:** Standard RJ11.

**Dimensions/weight:** 84x38x140 mm/ 330 gr Net.

This single-channel interface converts bidirectional intercom line into 2 separate unidirectional (INPUT & OUTPUT) signals.

Thanks to this interface, the user will be able to connect ALTAIR systems to non-compatible intercom brands and it can be alternatively used to connect the intercom system to a telephonic line so that telephonic calls can be shared within the intercom partyline.

4W2-200 is also a great tool for connecting ALTAIR intercom systems to professional cameras CCU's.

By using this interface, a wide range of signals (mic or line) can be introduced to the intercom system, and the level of the signal coming out from the intercom line can as be as well easily adjusted for external operations (such as recording, post-production, etc.)



### Key features

- Remotely powered from the master station.
- Camera interfacing trough CCU connections.
- Telephone line interfacing.
- Interface for non-compatible intercom systems.
- Wide range level adjustments.
- Transformer-balanced INPUT & OUTPUT ensures clean signals and an improved EMI immunity.

## Bluetooth™ extension

### EB-200

Bluetooth extension

EB-200 station is a versatile device compatible with ALTAIR E-200 cable based intercom systems. It allows the operation of Bluetooth devices within the intercom network, being the connection as easy as in the case of a wired beltpack: just connect the EB-200 to the line and you are ready to work.

The device can be used in two main modes: "Headset mode", in which the intercom signal transmitted in full duplex to any compatible Bluetooth headset and "Interface mode", the intercom signal is transmitted to any compatible Bluetooth gateway device. The unit incorporates "MIC" and "EAR" level controls to allow adjustments in order to make it compatible with a wide range of devices in the market.

Regarding the applications, this unit can sometimes replace a wired beltpack in an intercom network, allowing wireless mobility for one user who's actually part of a wired intercom network. The use of "Class I" Bluetooth devices is strongly recommended in order to maximize the wireless range.

Interface mode allows sharing a mobile phone call within the intercom line. Another less typical application of this device could be the radio link of two nearby wired intercom systems by using two of these Bluetooth extensions.



### Specifications

**Powering:** 12-32 V, nom. 24V/ 100mA.

**Frequency Band:** BISM 2400 MHz/ Class I.

**Connections: intercom line:** XLR-3F + XLR-3M.

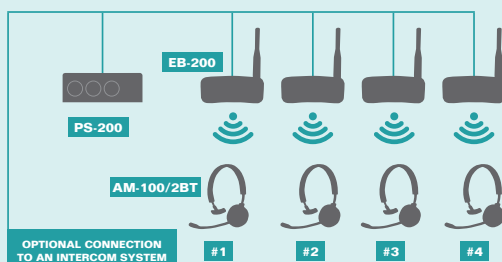
USB connection for firmware updates;

**Dimensions/weight:** 84x38x105 mm/ 250 gr Net.

### Key features

- Maximum theoretical range: 100 metres (when using Class I Bluetooth devices).
- Easy connection to ALTAIR wired intercom systems.
- Radio link to Bluetooth headsets (maximum one link per EB-200)
- Easy connection to mobile phones.

## Short Range Wireless Systems

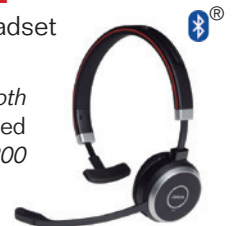


By using some EB-200, headsets and a PS-200 power supply we can deploy a small full-duplex wireless network.

## AM-100/2BT

Bluetooth single ear headset

Recommended Bluetooth single-ear headset to be used along with ALTAIR EB-200 Bluetooth extension.



### Specifications

**Power Supply:** USB connection.

**Range:** up to 30 meters; **Connections:** USB;

**Weight:** 283 gr Net.

**Charge Time:** 2 hours; **Autonomy:** 10 hours.