



Wireless intercom systems

WB-200 Series

WBS-200HD

Single channel base station

Specifications

Power requirements: 90-264 VAC/ 50-60Hz/ 50 VA.

RF: 1900 MHz frequency band, depending on the country.

Number of beltacks per base station: 1 to 4 wireless beltacks + up to 20 cable units.

Connections: 2 x wired intercom line (XLR-3F & XLR-3M) PRG in, PA out, headset connector.

Remote functions: "MIC KILL", "BUZZ KILL".

Dimensions/weight: 1 x 19"RU x 150 mm/ 3 kg Net.

WBS-200HD wireless intercom base station has been designed to operate in standalone mode, enabling secure *full duplex* communication between the base station operator and a maximum of **4 single channel wireless beltacks** sharing a single partyline.

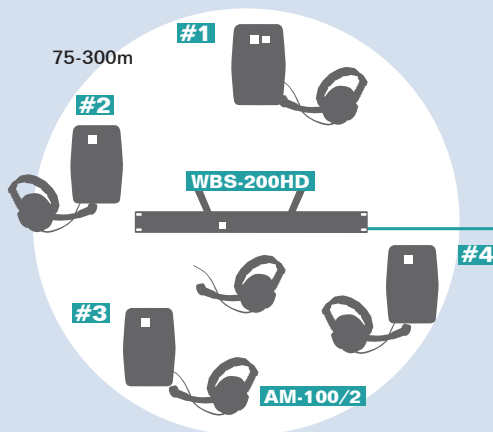
On top of this, the station is equipped with connectors to create two independent wired intercom lines (one of them linked to the wireless beltacks) and it can communicate with **up to 20 cable beltacks** and/or stations (*E-200 Series*).

Wired/wireless compatibility of our stations is a key to ALTAIR's success, as it allows the user to set up mixed communication solutions to fit the particular requirements of different installations. Furthermore, this station is compatible with all major 2 and 4 wire intercom systems designed by different manufacturers.

The system can be expanded by linking several stations, all of them connected wirelessly or via cable to their respective beltacks.

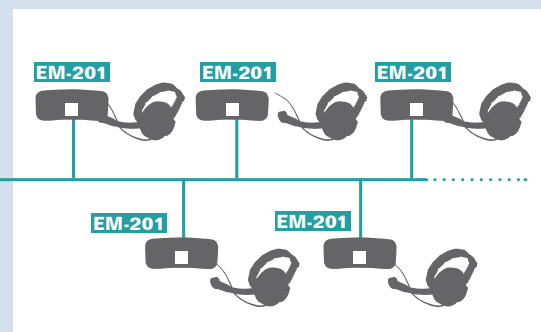
Depending on the situation and in order to simplify the installation and maintenance procedures, the power for the wireless base station can be remotely supplied from a wired intercom station (*EF-200* or *EF-204*).

Application example:



Wireless beltacks must be within the circular coverage area of the base station.

Basic setup. The system can be easily expanded with a wired intercom system, i.e. *EM-201*, *EM-202* beltacks.



Key features

- Digital system; digitally encrypted communication.
- License free frequency band.
- Diversity antennas system to minimize *dropouts*.
- Two detachable Omni antennas supplied with the station (optional connection of higher range directional and omnidirectional antennas)

- The system is free of interferences caused by IEMs, *Wi-Fi* or wireless mics.
- Apart from the 4 wireless beltacks, the station can power up to 20 wired beltacks.
- Compatible with both *Compact* and *EXTREME* series wireless beltacks.
- Clear and powerful *wideband* audio communication. DSP assisted contoured voice link with *EchoSup* feature.