

FreeSpeak II Base Station

FreeSpeak II Wireless Solutions

Linking
People
Together



FreeSpeak II Base Station

Key Features and Benefits

- Supports up to 10 FSII antennas, 2 antenna splitters
- Routing and configuration of up to 20 FSII beltpacks
- Supports both 1.9 GHz and 2.4GHz FSII beltpacks on a single base station
- Users can be connected to matrix and/or wired partyline systems

FreeSpeak II is a high performance wireless solution operating in the 1.9 and 2.4GHz frequency bands designed for extensive communication in large-scale operations.

Description

The FSII-BASE is a base station for the wireless FreeSpeak II 1.9 GHz and 2.4 GHz beltpacks. A single FSII-BASE supports up to 10 FSII antennas via 2 antenna splitters with routing and configuration for up to 20 FSII beltpacks.

Operation:

The FSII-BASE has connections for two isolated partylines and four 4-wire connections, plus a dedicated SA output and dedicated program audio input. A single base station can connect to a mix of both 1.9GHz and 2.4GHz FreeSpeak II antennas to support both 1.9 GHz and 2.4 GHz FreeSpeak II beltpacks.

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Technical Specifications

Base-to-Beltpack Frequency Response: 100 Hz-7.1 kHz.

No. of Beltpacks per Base Station: 20

No. of Transceiver/ Antennas Supported by Base, Basic Base: 10

No. of Active Antenna Ports: 2

PC Programming Port: LAN and DB9 (Serial)

Relay Port: DB9

Partyline Intercom A and Intercom B (each): XLR-3F with XLR-3M loop through, on/off termination switch (via menu item), Clear-Com and RTS (single channel) compatible

Four-Wire/Matrix Connection: 4 RJ-45

Program Input: XLR-3F, transformer isolated, line-level input

Stage Announce Output: XLR-3M, transformer isolated, line-level output

Front-Panel Headset: 4-pin male connector with 2-channel capability and individual talks and listens

Front-Panel Display: 254 x 32 dot-graphic VFD

Front-Panel Indicators: 2 Talk LEDs for front panel headset, CH A and CH B partyline enable LEDs, Program Input enable LED, 10 individual antenna LEDs

Base-Station Programming/Editing: Push-to-enter rotary encoder

Dimensions

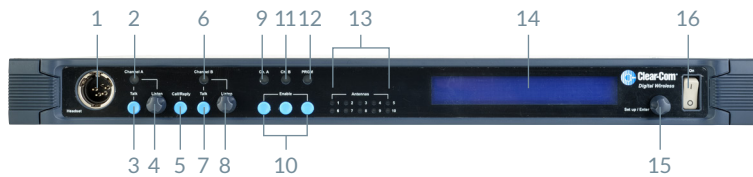
1.75 x 19.0 x 12.5in

(44 x 483 x 312mm) (HxWxD)

Weight

10.8lbs (4.9kg)

Front Panel



Front Panel Legend

1. Headset Connector
2. Channel A LED
3. Channel A Talk Button
4. Channel A Listen Control
5. Call/Reply Button
6. Channel B LED
7. Channel B Talk Button
8. Channel B Listen Control
9. Channel A LED
10. Enable Buttons
11. Channel B LED
12. Program LED
13. Antenna LEDs
14. LCD
15. Set Up/Enter Control
16. Power Button

Back Panel



Back Panel Legend

1. AC Power Input Connector
2. Intercom Channel A/B
3. Program Input
4. SA Output Connector
5. SA Relay Connector
6. 4-Wire/Eclipse Connectors
7. Base Loop Connector (future use)
8. Local Area Network RJ-45 Connector
9. PC Program Connector
10. Transceiver Ports

Notice About Specifications

While Clear-Com makes every attempt to maintain the accuracy of the information contained in its product manuals, that information is subject to change without notice. Performance specifications included in this manual are design-center specifications and are included for customer guidance and to facilitate system installation. Actual operating performance may vary.