Linking People Together

FreeSpeak II Base Station

Key Features and Benefits

- Routing and configuration of up to 25 FSII beltpacks
- Fiber transceiver connections, supports two fiber enabled FSII splitters*
- Browser configuration client works on any device or PC
- Four 2-wire ports with call signal, auto nulling (supports Clear-Com and RTS)
- Four 4-wire ports with call signal
- One dry contact relay
- Supports 2 transceivers natively and up to 10 transceivers via FSII active splitter
- Multi-mode user interface has monitoring, setup and main station modes with assignable soft keys
- Dedicated front panel keys for remote mic kill, stage announce, and all talk
- Supports both 1.9 GHz and 2.4 GHz FSII beltpacks on a single base station
- Matrix and partyline configurations support up to 12 channels and/or groups
- Eight assignable ports with aux in and stage announce

*Feature coming soon

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

Description

The FSII-BASE-II is a base station for the wireless FreeSpeak II 1.9 GHz and 2.4 GHz active transceiver antennas and beltpacks. The FSII-BASE-II has four 2-wire connections for analog partyline connection, four 4-wire audio connections and four displays with soft keys. Dedicated stage announce (SA) output and program audio input are provided.

Operation

A single base station can operate using a mix of both 1.9GHz and 2.4GHz FreeSpeak II active antenna transceivers to support up to 25 1.9 GHz and/or 2.4GHz beltpacks and 10 active transceiver antennas via two transceiver splitters. The user interface supports system configuration and system monitors along with a main station mode with Talk and Call soft keys. A dedicated headset jack is included for communications and monitoring from the front panel. Access to channels and other functions are assignable through the menu on the base station or through the Core Configuration Manager (CCM) browser-based tool.

Clear-Com®
AN HME COMPANY

Technical Specifications

Base-to-Beltpack Frequency Response: 100Hz - 7.1kHz
No. of Beltpacks per Base Station: 25
No. of Transceiver/ Antennas Supported by Base: 10
No. of Active Transceiver Ports: 2, one port can remotely power up to 1 FSII splitter or 1 FSII transceiver
PC Programming Port: 2 LAN RJ45
Relay Port: DB15, supports one set of relays and 2 GPI
Partyline A ,B,C,D (each): XLR-3F, on/off termination switch, Clear-Com and RTS compatible
Partyline Power On/Off: A/B, C/D paired
Partyline Output Voltage: 26 - 28VDC, 850mA per pair (A/B or C/D)
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 and 5-pin female options
Front Panel Displays: 4 OLED's with encoders and assignable soft keys
Front Panel Indicators: Antenna Status, Beltpack Status
External Power Supply Connection: 12VDC
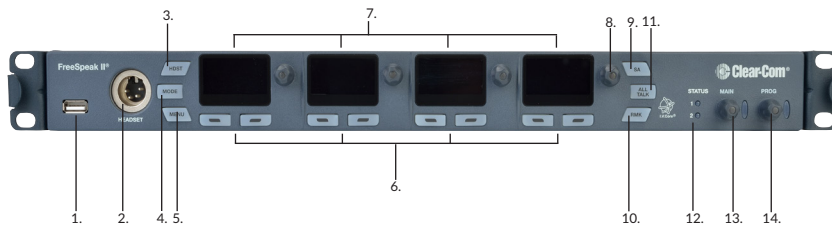**Base Station Programming/Editing:** Push-to-enter rotary encoder

Dimensions

1.75 x 19.0 x 10.2 in (HxWxD)
(44 x 483 x 259 mm)
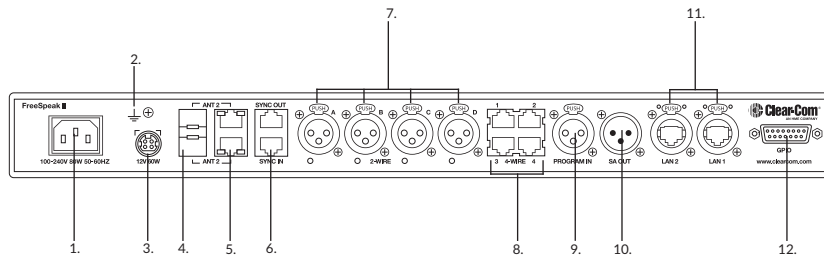
Weight

5.57 lbs (2.5 kg)

Front Panel

Back Panel

Front Panel Legend

1. USB
2. Headset Connector
3. Headset Button
4. Mode Button
5. Menu Button
6. Soft Keys
7. Displays
8. Rotary control encoders
9. Stage Announce
10. Remote Mic Kill
11. All Talk
12. Status LEDs
13. Main Level Encoder
14. Program Level Encoder

Back Panel Legend

1. IEC Power Connection (110-230 VAC)
2. Grounding Screw
3. External power supply connection
4. Fiber Transceiver connections (SFP)*
5. Copper Transceiver connections (RJ45)
6. DECT SYNC connections (RJ45)
7. 2-wire connections A,B,C,D (XLR3M)
8. 4-wire connections, 1,2,3,4 (RJ45)
9. Program In (XLR3M)
10. Stage Announce Out (XLR3M)
11. LAN1, LAN2, (Ethercon RJ45)
12. GPIO relays (DB15F)

*Feature coming soon

Order Codes

Part Number and Description

FSII-BASE-II: FreeSpeak II Base Station with XLR-4M headset connector

FSII-BASE-II-X5: FreeSpeak II Base Station with XLR-5F headset connector

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.

v.1_5/16