Linking People Together

1 2 3 4 5   RJ45 Fiber   Power
Antenna Connection   Base Connection

FreeSpeak II®

FreeSpeak II Splitter

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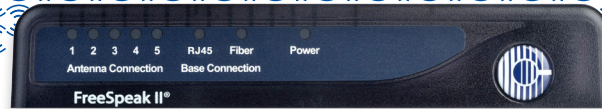
Key Features and Benefits

- Functions with FSII base, FreeSpeak Edge base, Arcadia Central Station, and E-IPA-HX cards
- Provides 5 FSII transceiver antenna feeds on 1 antenna port on FSII-BASE-II station or E-IPA-HX card
- SFP fiber slot for fiber link to FSII-BASE-II or for connecting FSII-BASE-II
- Supports both multi-mode and single-mode fiber
- Configure settings using DIP switches
- LED status indicator on front and back
- Mic stand or wall mount orientation (metric and imperial threads)

Description

The FSII-SPL is a splitter that connects multiple FreeSpeak II transceiver antennas to an Eclipse® HX matrix (via E-IPA-HX card) or a FreeSpeak II base station. The splitter provides up to five antenna feeds from one antenna port and has an SFP fiber slot for fiber connectivity.

Fiber Connectivity

Using the SFP fiber slot, the FSII-SPL provides a fiber link between the FSII-BASE-II base station and splitter (base-to-splitter) or it can be used to connect on legacy FreeSpeak II base stations and the Eclipse HX frames over fiber via the E-QUE-HX interface card (splitter-to-splitter).

Mounting Options

The splitter can be mounted on a flat surface or on a microphone stand. LED indicators are located on the front and back of the unit to show status in any mounted position. Requires an external power supply (included).

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FreeSpeak II Splitter
FreeSpeak II Wireless Solutions

Technical Specifications

Connections
Transceiver Antenna: 5 Ethercon RJ45, each with yellow LED indicators on front and back
Matrix: 1 Ethercon RJ45, with yellow LED indicator on front and back
Fiber: 1 SFP port

Power
Splitter: Requires external power supply (included)
Transceiver Antenna: Provides power to antennas via RJ45 connections

Mounting Options
Wall Mount with 4 mounting points
Mic Stand Mount (metric and imperial threads)

Environmental
IP63 water resistance for outdoor use
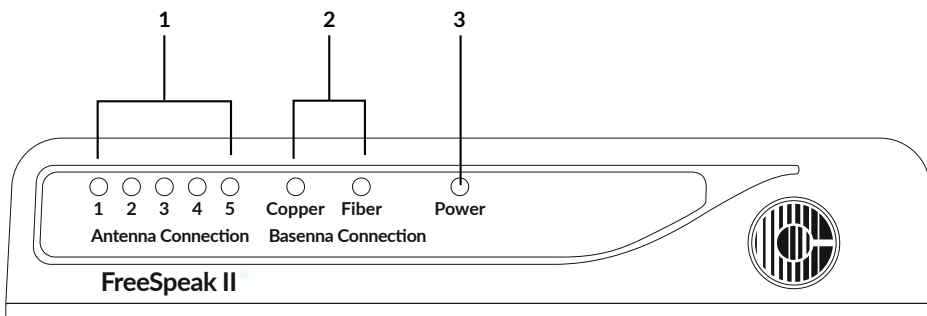+32° to +122°F
(0° to +50°C)

Dimensions
1.7 x 8.8 x 7.7in (HxWxD)
(43.2 x 223.5x 195.6mm)

Weight
24.5oz (0.69kg)
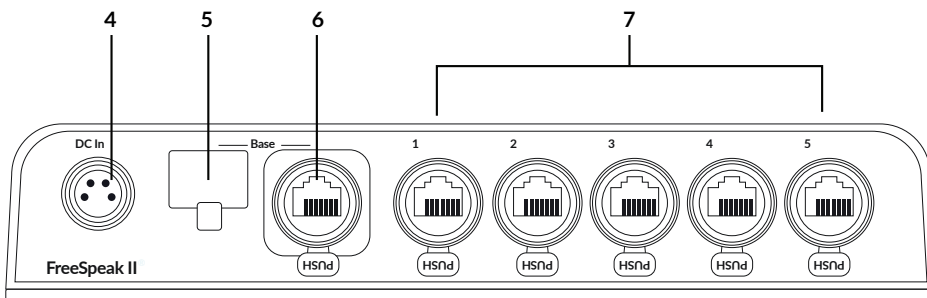
Front Panel

Back Panel

Legend

Front Panel
1. Antenna connection LED's
2. Connection type LED's (RJ-45/Fiber)
3. Power LED

Back Panel
4. DC Power In
5. Fiber connector to Base/Splitter
6. RJ-45 connector to Base/Splitter
7. Antenna connectors

Order Codes

FSII-SPL: FreeSpeak II Splitter

Includes:
HLI-MMFO: Multi-mode fiber SFP transceiver
HLI-SMFO: Single-mode fiber SFP transceiver

Optional Parts:
RK-100: 1RU Rack Mount for (1) FSII-SPL
Note: 4-40 x 0.2in screws for FSII-SPL are not included
SFP-MMFO-100M-FX: Multi-mode E1 SFP
SFP-SMFO-100M-LX: Single-mode E1 SFP
HLI-MMFO: Multi-mode E1 SFP - Legacy
HLI-SMFO: Single-mode E1 SFP - Legacy

www.clearcom.com/freespeakii-knowledge-center/

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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.

WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

Rev: June/2022