

# FreeSpeak II Splitter

## FreeSpeak II Wireless Solutions

Linking  
People  
Together



FreeSpeak II Splitter

### Key Features and Benefits

- Provides 5 FSII transceiver antenna feeds on one antenna port on FSII-BASE-II station or E-QUE-HX card
- SFP fiber slot for fiber link to FSII-BASE-II or as a fiber bridge between FSII-BASE-II stations and Eclipse HX frames
- Supports both multi-mode and single-mode fiber
- Configure settings using DIP switches
- LED status indicator on front and back
- Mic stand, rackmount or wall mount orientation (metric and imperial threads)

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-SPL is a splitter that connects multiple FSII transceiver antennas to an Eclipse HX matrix (via E-QUE-HX card) or a FreeSpeak II base station. The splitter provides up to 5 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 as a fiber bridge on legacy FreeSpeak II base stations and the Eclipse HX frames via the E-QUE-HX interface card (splitter-to-splitter).

### Mounting Options

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

## Technical Specifications

### Connections

**Transceiver Antenna:** 5 Ethernet RJ-45, each with yellow LED indicators on front and back

**Matrix:** 1 Ethernet RJ-45, 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 RJ-45 connections

### Mounting Options

Wall Mount with 4 mounting points

Mic Stand Mount (metric and imperial threads)

1RU Rackmount Shelf

### Environmental

IP-63 water resistance for outdoor use  
+32°F to +122°F  
(0°C to +50°C)

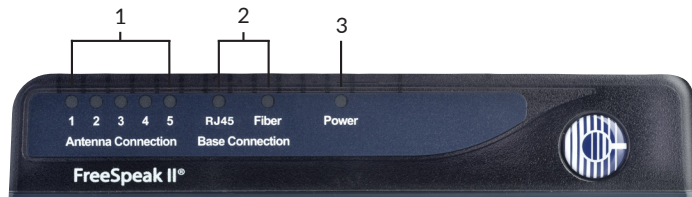
### Dimensions

1.65 x 8.75 x 7.73 in (HxWxD)  
(42 x 223 x 197 mm)

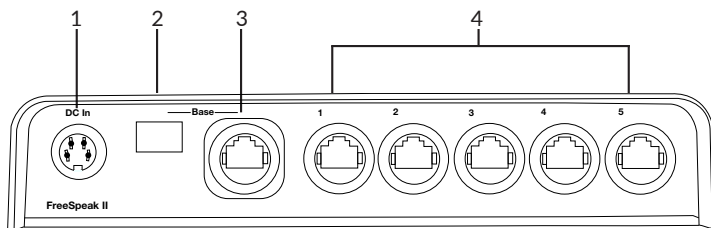
### Weight

24.5 oz (0.69 kg)

### 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

1. DC Power In
2. Fiber connector to Base/Splitter
3. RJ-45 connector to Base/Splitter
4. Antenna connectors

### Order Codes

FSII-SPL: FreeSpeak II Splitter

*Optional components for Splitter:*

HLI-MMFO: Multi-mode fiber SFP transceiver

HLI-SMFO: Single-mode fiber SFP transceiver

#### 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.