

FreeSpeak II-19 Antenna

FreeSpeak II Wireless Solutions



Linking
People
Together



FreeSpeak II Antenna

Key Features and Benefits

- Uses existing FSII base, E-QUE-HX cards, and PD2203 splitter hardware
- Supports 5 FSII-BP19 backpacks per FSII-TCVR-19 transceiver
- Supports systems with up to 65-90 backpacks when mixed with FSII-24-TCVRs
- Green LED status indicator on top and bottom
- Mic stand or wall mount orientation (metric and imperial threads)
- IP-65 rating for wet and dusty conditions

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-TCVR-19 is an active transceiver antenna for the FSII-BP19 backpacks. The antenna can be locally powered or powered via the FSII-BASE or matrix on shorter connections (less than 1000ft). The FSII-TCVR-19 has a mount for wall or microphone stand. A green status light is visible from either mounting orientations. When mixed with FSII-TCVR-24 antennas, a single radio space can support up to 65-90 FreeSpeak II 1.9GHz or 2.4GHz backpacks.

Durability

The FSII-TCVR-19 is IP-65 rated for wet weather or dusty conditions making them ideal for outdoor productions.

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Technical Specifications

Frequency Spectrum: 1.88-1.93MHz for EU and US Cellular auto roaming technology

Modulation: GFSK, TDMA frame 10ms Full and Long slot

Output power (EU): 18-22dBm, (US): 18-20dBm

Dimensions

2 x 5.5 x 6.75in

(52 x 134 x 173mm) (DxWxH)

Weight

7.0oz (0.19kg)

Environmental

Operating: 32°-125°F (0°-50°C)

Storage: 32°-150°F (0°-70°C)

Humidity: Between 20% and 90%, Non-Condensing



Bottom Panel Legend

1. USB (factory use)
2. Ethercon RJ-45 (base/matrix connection)
3. DC In
4. Mode Button

Order Codes

Part Number and Description

FSII-TCVR-19-US: Active Antenna approved for use in USA and Canada

FSII-TCVR-19-EU: Active Antenna approved for use in the EU

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.