FreeSpeak II 1.9 GHz Transceiver Antenna



Linking People Together

Key Features and Benefits

- Functions with FSII base, FreeSpeak Edge base, Arcadia Central Station, E-IPA-HX cards, and FSII splitter hardware
- Supports 5 FSII-BP19 beltpacks per FSII-TCVR-19 transceiver
- Supports systems with up to 65-90 beltpacks when mixed with FSII-24-TCVRs
- Green LED status indicator on top and bottom
- Mic stand or wall mount orientation (metric and imperial threads)
- IP53 rating for wet and dusty conditions

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.

Description

The FSII-TCVR-19 is an active transceiver antenna for the FSII-BP19 beltpacks. The antenna can be locally powered or powered via the FSII base station or matrix on shorter connections (less than 1000 ft). 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 1.9 GHz or 2.4 GHz beltpacks.

Durability

The FSII-TCVR-19 is IP53 rated for wet weather or dusty conditions making them ideal for outdoor productions.



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FreeSpeak II Wireless Solutions

Technical Specifications

Frequency Spectrum

USA, Canada, Mexico: 1920-1930MHz Transceiver Range Output Power: 100mW EU, Russia, Ukraine, Singapore, Hong Kong, Australia, New Zealand, South Africa: 1880-1900MHz Transceiver Range Output Power: 250mW

Japan: 1893-1906MHz Transceiver Range Output Power: 250mW

Argentina: 1910-1930MHz Transceiver Range Output Power: 250mW

Brazil: 1910-1930MHz Transceiver Range Output Power: 250mW

Chile: 1910-1930MHz Transceiver Range Output Power: 70mW

Taiwan: 1880-1895MHz Transceiver Range Output Power: 250mW

Modulation: GFSK, TDMA frame 10ms Full and Long slot Output: (EU/Russia) 10dBm average, (US): 18-20dBm

Environmental

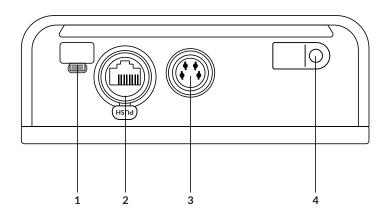
IP53 water and dust resistance Operating: 32°-125°F (0°-50°C) Storage: 32°-150°F (0°-70°C) Humidity: Between 20% and 90%, Non-Condensing

Dimensions

7 x 5.7 x 2in (HxWxD) (178 x 144.8 x 51mm)

Weight 15.9oz (0.45kg)

FSII-TCVR-19 Bottom Panel





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



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Legend

- 1. USB (factory use)
- 2. Ethercon RJ45 (base/matrix connection)
- 3. DC In
- 4. Mode Button

Order Codes

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

FSII-TCVR-19-J: Active Antenna approved for use in Japan

FSII-TCVR-19-LA: Active Antenna approved for use in Argentina

FSII-TCVR-19-B: Active Antenna approved for us in Brazil

FSII-TCVR-19-TW: Active Transceiver approved for Taiwan

FSII-TCVR-19-CH: Active Transceiver for use in Chile

Notice About Specifications | While Clear-Com makes every attempt to maintain the accuracy of the information contained in its documentation, that information is subject to change without notice. Performance specifications included in this document 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