FreeSpeak II 1.9 GHz Transceiver Antenna

Key Features and Benefits

- Uses existing FSII base, E-QUE-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.
Technical Specifications

**Frequency Spectrum**
- **USA, Canada, Mexico:** 1920-1930MHz (5 Channels)
  Transceiver Range Output Power: 100mW
- **EU, Russia, Singapore, Hong Kong, Australia, New Zealand, South Africa:** 1880-1900MHz (5 Channels)
  Transceiver Range Output Power: 250mW
- **Japan:** 1893-1906MHz (2 Channels)
  Transceiver Range Output Power: 250mW
- **Argentina, Bahamas:** 1910-1930MHz (10 Channels)
  Transceiver Range Output Power: 250mW
- **Brazil:** 1910-1930MHz (5 Channels)
  Transceiver Range Output Power: 250mW
- **Chile:** 1910-1930MHz (5 Channels)
  Transceiver Range Output Power: 70mW
- **Taiwan:** 1880-1895MHz (8 Channels)
  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:** 32º-125ºF (0º-50ºC)
- **Storage:** 32º-150ºF (0º-70ºC)
- **Humidity:** Between 20% and 90%, Non-Condensing

**Dimensions**
- 6.75 x 5.5 x 2in (HxWxD)
- (173 x 134 x 52mm)

**Weight**
- 15.9oz (0.45kg)

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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 use in Brazil
- **FSII-TCVR-19-TW:** Active Transceiver approved for Taiwan
- **FSII-TCVR-19-CH:** Active Transceiver for use in Chile