

FreeSpeak II-24 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 4 FSII-BP24 beltacks per FSII-TCVR-24 transceiver
- Supports systems with up to 65-90 beltacks when mixed with FSII-19-TCVRs
- Blue 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-24 is an active transceiver antenna for the FSII-BP24 beltacks. The antenna can be locally powered or powered via the FSII-BASE or matrix on shorter connections (less than 1000ft). The FSII-TCVR-24 has a mount for wall or microphone stand. A blue status light is visible from either mounting orientations. When mixed with FSII-TCVR-19 antennas, a single radio space can support up to 65-90 FreeSpeak II 1.9GHz or 2.4GHz beltacks.

Durability

The FSII-TCVR-24 is IP-65 rated for wet weather or dusty conditions making them ideal for outdoor productions.

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Technical Specifications

Frequency Spectrum: 2.400-2.483MHz for EU and US Cellular auto roaming technology

Modulation: GFSK, TDMA frame 10ms Full slot

Output power: (EU): 18dBm, (RoW): 22dBm

Dimensions

2 x 5.5 x 6.75in

(52 x 134 x 173mm) (DxWxH)

Weight

7.0oz (0.19kg)

Environmental

IP-65 water and dust resistance

-67°F to +158°F

(-55°C to +70°C)



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-24: Active Antenna approved for use in USA, Canada and world wide sales except EU

FSII-TCVR-24-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.