

ET-6 Repeater & Base Station

ET-Series Transportables



Operation

For agencies that require compact, easily deployable P25 repeaters supporting transparent encryption in VHF or UHF bands. The ET-6 provides a compact 30 Watt repeater/base station that is a full-function transportable solution. The system can be configured as a repeater, a base station or a repeater/base station combination.

Quick Swap Duplexers

The ET-6 provides swappable duplexer modules that easily enable a user or technician to change the operating channel of the repeater in the field by quickly swapping out the internal duplexer. An optional antenna relay kit may also be installed instead of a duplexer.

Flexible Control Panel

The ET-6 provides a simple, yet flexible, control interface that allows for a number of options for every possible situation you can encounter in the field.

Controls include:

- Speaker On/Off and Volume
- TX/RX Channel Selector Switch
- Encryption Enable/Disable Switch and "Clear Keys" Button
- Auxiliary Connector providing access to Balanced Audio, PTT, COR and Channel Select Lines
- System On/Off Switch
- Power, TX Activity and RX Activity LEDs

Standard Accessories

- Internal AC power supply with float charger for external battery connections
- Tactical headset for base station operations
- AC and DC power cables
- Available in black case



Technical Specifications

Part Number

- ET-6 M03

Closed Case Operation

- Yes

Number of Channels

- 16

Cross-band Capability

- Yes

Modes of Operation:

- Repeater and/or Base Station

Dimensions

- 6.7" H x 18.2" W x 13.4" D
(17 cm H x 46 cm W x 34 cm D)

Weight (fully equipped)

- 28 lbs (12.7 kg)

Frequency Bands Supported

- VHF – 144 – 174 MHz
- UHF – 380 – 470 MHz
- 7/800 – 768 – 869 MHz

RF Output Power

- 20-30W
- Optional internal or external connectors

Power Source

- External 110/220 VAC
- External 12 VDC power

Operating Temperature

- –30°C to +60°C

Encryption Passed/Decode-Encode

- All P25 types (AES or DES-OFB)

Duplexer Separation

- 4.5 - 10 MHz (VHF)
- 5 - 10 MHz (UHF)



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