

# ET-6 Repeater & Base Station

SPEC SHEET

The ET-6 is a compact 30 Watt (VHF/UHF) full-function transportable P25 repeater/base station that's easily deployable and supports transparent encryption in VHF, UHF and 700/800 MHz bands.

## Features

### 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 to accommodate virtually any situation encountered 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

## Specifications

### Dimensions (HxWxD)

Imperial: 6.7 x 18.2 x 13.4 in  
Metric: 17 x 46 x 34 cm

### Weight

Imperial: 28 lbs  
Metric: 12.7 kg

### Frequency Bands Supported

VHF: 136 – 174 MHz  
UHF: 380 – 520 MHz  
700/800/900: 768 – 960 MHz

### Operating Temperature

–30°C to +60°C

### RF Output Power

VHF/UHF – 30W  
800 MHz – 25W  
900 MHz – 3W  
Optional external connectors



### 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

### Power Source

External 110/220 VAC  
External 12 VDC power

### Encryption Passed/Decode-Encode

All P25 types (AES or DES-OFB)

### Duplexer Separation (Min)

VHF – 4.5 MHz  
UHF – 5 MHz  
700 – 30 MHz  
800 – 45 MHz  
900 – 39 MHz

### 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

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# ZETRON

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