

PT-5 Tactical Repeater

The Procom Tactical Repeater provides the smallest footprint of any transportable P25 repeater supporting transparent encryption in VHF, UHF, 700 MHz or 800 MHz bands. It operates with standard alkaline D-Cell batteries that are available at any retail store as well as rechargeable lead acid batteries. The Tactical Repeater is specifically designed to meet the needs of body wire repeating for undercover operations and other surveillance operations where radio communications providing stealth, compact size for unobtrusiveness, and rapid deployment are vital.

Key Features include:

- Available in VHF, UHF, 700 MHz or 800 MHz frequencies
- Transparent passing of P25 encryption (e.g. AES or DES-OFB)
- No double vocoding of the P25 signal
- True end-to-end digital integrity
- Runs on Commercial Off The Shelf (COTS) D-cell alkaline batteries or other rechargeable batteries
- Supports up to 19 Hours operation with alkaline D-Cells
- Available with 0.5 - 6 Watts of RF output power - VHF/UHF, 0.5 - 3 Watts RF output power – 700/800 MHz
- Weighs only 20 lbs. (9 kgs)
- Compact case 14" H x 11" W x 6" D (36 x 29 x 16.5 cm)
- Available with integral 4.5 MHz duplexer - VHF, UHF (30 MHz – 700 MHz, 45 MHz - 800 MHz)



Parameter	PT-5 Specification
Part Number	See Listing on Right
Frequency Bands Supported	VHF,UHF, 700/800 MHz
Encryption Passed/Decode-Encode	All P25 types (e.g. AES or DES-OFB)
Size	14" H x 11" W x 6.5" D
Weight (fully equipped)	20 Lbs.
Operating Temperature	-30°C to +60°C
Duplexer Separation	4.5 MHz – VHF 5 MHz – UHF 30 MHz – 700 MHz 45 MHz – 800 MHz
RF Output Power	0.5-6W (VHF/UHF) 0.5-3W (700, 800 MHz)
D Cell Battery Life (20% Duty Cycle)	19 Hours
Batteries Supported	D-Cell Alkaline Batteries Sealed Lead Acid Battery
Power Support	Other Options Supported, Including Cigarette Lighter and Direct Connection to Vehicle Battery

099-7020: Repeater, Tactical/Transportable, VHF, 6W, Analog, Procom ET5Z34674, 1 CH, Tuned Duplexer 4.5 MHz Split, Uses D-Cell Batteries, Heavy Duty Case

099-7025: Repeater, Tactical/Transportable, UHF, 6W, Analog, Procom ET5Z34675, 1 CH, Tuned Duplexer 4.5 MHz Split, Uses D-Cell Batteries, Heavy Duty Case

099-7022: Repeater, Tactical/Transportable, VHF, 6W, P25 Digital/Analog, Encryption, Procom PT5Z34674-Z34681, 1 CH, Tuned Duplexer 4.5 MHz Split, Uses D-Cell Batteries, Heavy Duty Case

099-7027: Repeater, Tactical/Transportable, UHF, 6W, P25 Digital/Analog, Encryption, Procom PT5Z34675-Z34681, 1 CH, Tuned Duplexer 4.5 MHz Split, Uses D-Cell Batteries, Heavy Duty Case

Also available in 700/800 MHz Bands