



Professional solutions for commercial radio

# ETMY MT-690

ETMY MT-690 is a mini mobile radio with excellent characteristics. Manageability and convenient portability. Its compact and light weight design makes it more convenient to carry and can be carried in a base or backpack.

At the same time, MT-690 also has high penetration power up to 100W, so you don't have to worry about the problem of insufficient distance.

- 4 frequency displays and standby
- DTMF function, 2 tones, 5 tones
- PTT-ID identification code
- Repeater function
- FM radio
- Scrambler (optional)

Up to  
**100W**  
High Output



**VHF+UHF**  
Dual band

**256**  
Channels

**FM**  
radio

## Specification

### General

Frequency range	VHF: 136 - 174 MHz ; UHF: 400 - 470 MHz
Distance between channels	12.5/20/25 kHz
Channel number	256
Phase synchronization step	5 kHz, 6.25 kHz, 10 kHz, 12, 5 kHz, 15 kHz, 25 kHz.
Operating temperature range	-20°C ~ +60°C
Operating voltage	13.8 V DC $\pm$ 15 %
Size (W*H*D)	140 x 43 x 172mm
Weight	About 1.03 kg
Squelch path	CTCSS/DCS/5 tone/2 tone/DTMF

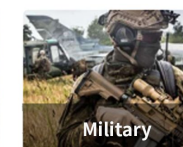
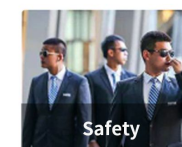
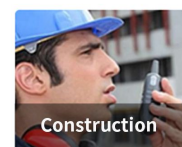
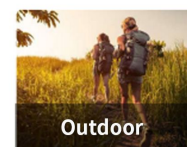
### Transmission part

Output Power	VHF: 100 W / UHF: 75 W
Modulation	16K $\Phi$ F3E / 11K $\Phi$ F3E
Channel Power	$\geq$ 70 dB / $\geq$ 60 dB
Signal to Noise Ratio	$\geq$ 40 dB / $\geq$ 36 dB
Spurious Harmonic	$\geq$ 60 dB
Audio Response	+1 ~ 3 dB(0.3-3 kHz) / +1~3 dB(0.3-2.55 kHz)
Audio Distortion	$\leq$ 5%

### Reception part

Sensitivity	<0.25 $\mu$ V (12 dB SINAD)
Sound Power	$\geq$ 2 W @ 10%
Intermodulation	$\geq$ 65 dB/ $\geq$ 60 dB
Adjacent Channel Selectivity	$\geq$ 70 dB/ $\geq$ 60 dB
False Reflection	$\geq$ 70 dB/ $\geq$ 70 dB

### Applicable scene



### Standard accessories

