

# TH-9000D

**60W Mono Band FM  
Mobile Transceiver**

**P1-P5 with programmable functions**

8 group's of scrambler / 50 groups of CTCSS / 1024 groups of DCS

Emergency Alarm / CTCSS/DCS setting & scanning

COMP function / 200 memory channels

Remote kill, stun, activate and revive

CMIIT ID:2012FP2044

**Ultra-size LCD**

**SCAN Function**



P1-P5 with  
programmable function



FC CE  RoHS

**TYT**<sup>®</sup>



# TH-9000D

## 60W Mono Band FM Mobile Transceiver

### Main Functions

- Remote kill/ stun/ activate/ revive
- Wide/Narrow band setting
- Channel name editing
- CTCSS/DCS setting & scanning
- High/Mid/Low power selectable
- Voice compander
- Repeater offset shift
- DTMF/2 tone/5 tone
- Talk around
- Voice prompt
- Time-out Timer
- Auto Power off
- 8 group's of scrambler
- Emergency Alarm
- COMP function
- Scan function
- 1750Hz tone
- ANI ID

### Standard Accessories



Hand Microphone



Protective Tube



M5\*16 / M4\*16  
Self-tapping Screw



Fixed Bracket



Power Cable



M4\*10 Combination  
Screw

### Technical Parameters

#### General

Frequency Range	VHF:136 – 174MHz 245 – 245.9875MHz(220 – 260MHz) UHF:400 – 490MHz
Channel Capacity	200 channels
Channel Spacing	25K / 20K / 12.5K
Frequency Stability	± 2.5ppm
Operating Temperature	-20 – +60°C
Operating Voltage	13.8V DC ± 15%
Dimension(HxWxD)	145(W)x47(H)x190(D)mm
Weight(with bracket)	about 1.2kg

#### Receiver (ETSI EN 300 086 standard testing)

	Wide band	Narrow band
Sensitivity (12dB Sinad)	≤0.25μV	≤0.35μV
Adjacent Channel Selectivity	≥70dB	≥60dB
Intermodulation	≥65dB	≥60dB
Spurious Rejection	≥70dB	≥70dB
Audio Response	+1 – -3dB(0.3 – 3KHz)	+1 – -3dB(0.3 – 2.55KHz)
Hum & Noise	≥45dB	≥40dB
Audio distortion		≤5%
Audio power output		> 2W@10%

#### Transmitter (ETSI EN 300 086 standard testing)

	Wide band	Narrow band
Power Output	60W/25W/10W(VHF)	45W/25W/10W(UHF)
Modulation	16K F3E	11K F3E
Adjacent Channel Power	≥70dB	≥60dB
Hum & Noise	≥40dB	≥36dB
Spurious Emission	≥60dB	≥60dB
Audio Response	+1 – -3dB(0.3 – 3KHz)	+1 – -3dB(0.3 – 2.55KHz)
Audio Distortion		≤5%



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