



The M10 from TAD Radio

- **396 Channels**
- **Covers 138-174 MHz**
- **PC and Field Programmable**
- **Fast Cloning Capabilities**
- **Data Input Through Cloning Plug**
- **CTCSS and DCS Tone Signalling**
- **1.5W Internal Speaker**
- **Electronic Serial Number**
- **Display Can Be Dimmed**
- **Low/Normal RX Sensitivity Switch**
- **Back-lit Buttons**
- **Busy Channel Lockout on Each Channel**
- **Built-in Theft Protection**



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M10

FM VHF MOBILE TRANSCEIVER

SPECIFICATIONS

General

Frequency Range	138 ~ 174 MHz	
Frequency Separation	36 MHz	
Number of Channels	Up to 396 channels	
Frequency Determination	5kHz +6.25kHz Steps	
Modulation	16K0F3E 11K0F3E (direct FM)	
Power Requirements	DC 13.6V ±10% negative ground	Nominal -STBY -250MA -RX @ 4W Audio- 750MA -TX @ 30W- 6AMP
Operating Temperature Range	-30°C ~ 60°C	
Dimensions	H 50mm W 140mm D182mm (2 x 5.5 x 7.3")	
Weight	Approx 1.4 kg (3 lbs)	
Frequency Stability	±0.0005%	

Transmitter

RF Output Power	Adjustable Lo 1-10W Hi 15-30W
Spurious Emissions	-70dB below carrier
Hum & Noise	-40dB
Audio Response	+1, -3dB from 6dB/oct. pre-emphasis (300-3,000Hz)
Audio Distortion	3% at 60% modulation

Receiver

Sensitivity (12dB SINAD)	.25uV
Adjacent Channel Selectivity	70dB
Intermodulation	65dB
Spurious & Image Rejection	70dB
Hum & Noise	-45dB
Audio Response	+1, -3dB from 6dB/oct. de-emphasis (300-3,000Hz)
Audio Distortion	3% at 4 W output
Audio Output Power	5W at 3.2 ohm load

Others

User Operational Keys	Scan, Priority, display, User Programming
Programming Method	PC, Cloning + Field Programmable
Memory System	EEPROM
Tone System	CTCSS (50 tones)
DCS	83 Standard + Complementary
Standard Accessories	Microphone, Mounting Bracket and Power Cable
Optional Accessories	MTS Board, DTMF Mic

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LOCAL DEALER:

