



Top Gun Technologies

Predator 10 Meter AM/FM Transceiver

- AM, FM, & PA
- CTCSS/DCS Code (With Optional Plug-In PC Board)
- Computer Programmable (With Optional Cable)
- NOAA Weather Channels
- Adjustable Talkback And Mic Gain
- Dual Control Adjustable Echo
- Adjustable RF Gain And RF Power
- No Cal Auto Digital SWR Meter
- AM H/L Power FM H/M/L Power
- SWR And Voltage Protection
- Hi Cut Tone Control
- ANL & NB Filters
- AM/FM Auto Squelch
- LED Brightness Adjustment
- UP/DOWN Buttons On Mic
- Programmable Emergency Channel
- Dual Final 50+ Watts PEP



This radio is loaded with memory. It's top of it's class...the audio on both transmit and receive is excellent with it's new design. Convenient standard 4-pin mic wiring. Quality UP/DN switching mic included.

Your favorite mic is easily updated for UP/DN channel control.

SPECIFICATIONS

Frequency Range	28.000MHz--29.695MHz (Programmable)
Frequency Bands 12	Lo Band: A/B/C/D/E/F Hi Band A/B/C/D/E/F
Channel	40 channels (programmable) in each band
Frequency Control	Phase-Locked-Loop Synthesizer
Frequency Step	10Hz 100Hz 1KHz 10KHz (Through Programming)
Frequency Tolerance	+/- 5.0 ppm
Temperature Range	-20°C to +50°C
Microphone	High quality audio with push-to-talk /UP/DN/ and coiled cord
Input Voltage	DC 13.8V normal, 15.9V max; 11.7V min Current Drain Max 8A TX
Size	11" x 9 13/16" x 2 13/32" inches (28x25x6CM)
Weight	3.9 pounds) (1.75KG)
Antenna Connector	UHF, SO239
TRANSMITTER	
Power Output	AM: 4W/10W; FM: 4W/10W/40W
Modulation	AM/FM
Unwanted Sideband	50 dB
Frequency Response	AM/FM 300 to 3000Hz

Output Impedance	50 Ohms, unbalanced
Current Drain	8 Amps (with modulation)
RECEIVER	
Sensitivity	AM: 1.0uV for 10 dB (S+N)N at greater than 1/2Watt of audio output. FM: 1.0uV for 20dB (S+N)N at greater than 1/2Watt of audio output.
Adjacent-Channel Selectivity	AM/FM:60dB
Image Rejection	More than 65dB
RF Gain Control	45 dB adjustable for optimum signal
IF Frequency	AM/FM: 10.695 MHz 1st IF, 455 KHz 2nd IF
Automatic Gain Control(AGC)	Less than 10 dB change in audio output for inputs from 10 to 100,000 microvolt.
Squelch	Adjustable; threshold less than 1.0uV. Automatic Squelch Control (only AM/FM) 1.0uV
ANL	Switchable
Noise Blanker	RF type, effective on AM/FM
Audio Output Power	3 Watts into 8 ohms
Frequency Response	300 to 3000 Hz
Built-in Speaker	8 ohms, round.
External Speaker Jack	8 ohms; disables internal speaker when connected.

NOTE: The audio quality of the Predator is superb, we do not recommend installing the CP-1 compressor or MD-1 modulator.

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