

# Top Gun Technologies

## QUAD-5 10 Meter All Mode Transceiver

- All Mode PA, CW, AM, FM, SSB
- Illuminated Faceplate
- Computer Programmable (*Cable Included*)
- Adjustable Talkback And Mic Gain
- Dual Watch & Scan Feature
- Dual Control Adjustable Echo
- Adjustable RF Gain And RF Power
- No Cal Auto SWR Meter
- DC Voltage Meter Display
- SWR And Voltage Protection
- Hi Cut Tone Control
- ANL & NB Filters
- AM/FM Auto Squelch
- Programmable Clarifier
- UP/DOWN & Auto Squelch Buttons On Mic
- Programmable Emergency Channel 1 each For All 6 Bands
- Dual Final 50 Watts+ PEP



*The QUAD-5 is loaded with memory. Every channel retains the last clarifier frequency and more... Top of its class...the audio on both transmit and receive is excellent with its new design. Convenient standard 4-pin mic wiring. Quality UP/DN/Auto Squelch switching mic included. Program your favorite channel in the EMG channel on each of 6 bands for one button tuning. Your favorite mic is easily updated for UP/DN/ASQ*

### SPECIFICATIONS

Frequency Range	28.000MHz–29.700MHz 28.000MHz–29.700MHz (Programmable)
Channel	60 channels (programmable) in each band
Frequency Control	Phase-Locked-Loop Synthesizer
Frequency Step	10Hz 100Hz 1KHz 10KHz
Frequency Tolerance	0.005%
Frequency Stability	0.001%
Temperature Range	-30°C to +50°C
Microphone	Plug-in dynamic; with push-to-talk /UP/DN/ASQ switch and coiled cord
Input Voltage	DC 13.8V normal, 15.9V max; 11.7V min Transmit: AM full mod 5A Receiver: Squelched 0.6A SSB 30W PEP output 9A
Size	11" x 9 13/16" x 2 13/32" inches (28x25x6CM)
Weight	6.2 pounds) (2.8KG)
Antenna Connector	UHF, SO239

Frequency Response	AM and FM: 450 to 2500Hz
Impedance	50ohms, unbalanced

### RECEIVER

Sensitivity	SSB: 0.25uV for 10dB (S+N)N at greater than 1/2Watt of audio output. 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.
Selectivity	AM/FM:6dB@3KHz,50dB @9KHz SSB: 6 dB@2.1KHz,60dB @3.3KHz
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 SSB: 10.695 MHz
Adjacent-Channel Rejection	60dB AM/FM 70 dB SSB

### TRANSMITTER

Power Output	AM/CW:1-12W(adjustable) AM PEP 50W FM:2-40W(adjustable) USB/LSB:0-40W(adjustable)
Modulation	High and low level class B Amplitude Modulation: AM Varied Capacitance Frequency Modulation: FM
Inter-modulation Distortion	SSB: 3rd order, more than -25dB; 5th order, more than -35dB
SSB Carrier Suppression	55dB
Unwanted Sideband	50dB

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 0.5uV. Automatic Squelch Control (only AM/FM) 0.5uV
ANL	Switchable
Noise Blanker	RF type, effective on AM/FM and SSB
Audio Output Power	4 watts into 8 ohms
Frequency Response	300 to 2800 Hz
Built-in Speaker	8 ohms, round.
External Speaker Jack	8 ohms; disables internal speaker when connected.

**Suggested MSRP \$399.99**