

LT-5558 CB Radio Specification

- 10 Meter CB Radio
- Mode: AM, FM, USB, LSB, PA, CW
- ASQ function
- Large LCD display
- ECHO function
- Be programmed



TECHNICAL CHARACTERISTICS

General	
Frequency Range	25.615MHz-30.105MHz(Programmable)
Frequency Band	A/B/C/D/E/F
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 8A Receiver: Squelched 0.6A SSB 40W PEP output 8A
Size	28*25*6cm
Weight	1.85KG
Antenna Connector	UHF, SO239
Transmitter	
Power Output	AM/FM/CW: 35W
	SSB: 35W (PEP)
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
Frequency Response	AM and FM: 450 to 2500HZ
Output Impedance	50ohms, unbalanced
Sensitivity	SSB: 0.25μV for 10dB(S+N)/N at greater than 1/2 watt of audio output
	AM: 1.0μV for 10dB(S+N)/N at greater than 1/2 watt of audio output
	FM: 1.0μV for 20dB (S+N)/N at greater than 1/2 watt of audio output

	AM/FM: 6dB@3KHz.50dB @9KHz
	SSB: 6dB@2.1KHz,60dB @3.3KHz
Image Rejection	More than 65dB
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
RF Gain Control	45 dB adjustable for optimum signal reception
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 0.5 μ V
	Automatic Squelch Control(only AM/FM) 0.5 μ V
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 (Not Supplied)	8 ohms; disables internal speaker when connected