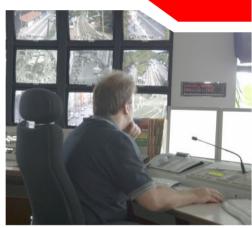


TC-508

Analog Two-way Radio Affordable & Reliable







- Tough & Light-weight
- Robust & Reliable
- Longer Battery Life
- ■Enhanced Voice Quality







TC-508

Professional Two-way Radio

Leading Features_

■ Tough & Light-weight

TC-508 has a light-weight but exceptionally strong body, allowing it to be carried about easily and to survive harsh conditions.

■ Robust & Reliable

environments of its users. It meets or exceeds the HYT 5-year ALT test.

■ Longer Battery Life

TC-508 is equipped with a 1650mAh battery that enables you to transmit and receive, on a 5-5-90 basis, for up to 14 hours.

■ Enhanced Voice Quality

TC-508 employs advanced voice technologies to better the sound quality during your communication.

Main Functions

High/Low Power Switch

Wide/Narrow Band Switch

Monitor

CTCSS/CDCSS and Squelch Tail Elimination

Channel Scan

Battery Save

Low Battery Alert

Busy Channel Lockout

Time-out Timer (TOT)

PC Programmable

Wired Clone

Squelch Levels Selectable







Recommended Applications

- Hospitality
- Manufacturing
- Retail
- Education
- Construction
- Security

Accessories

Standard Accessories Li-Ion Batte Belt Clip Rapid-Rate Charger (for Li-Ion Batter)

Power Adapte Antenna

Optional Accessories



Li-lon Battery (1300mAh) BL1301



Vehicle Power Adapte CHV09



Six-unit Switching Power



Remote Speaker Microphone SM08M3



Earbud with on-MIC PTT & VOX ESM12



D-earset with in-Line MIC & VOX EHM15



D-earset with Boom MIC & VOX EHM16



Earpiece with on-MIC PTT & Transparent Acoustic Tube EAN12



Receive-Only Earpiece with Transparent Acoustic Tube (for use with remote speake microphone) ESS08



(not swivel)(black)

NCN001



Receive-Only Earpiece (for use with remote speake microphone) ESS07

Note: Pictures above are for reference only and may vary from actual product.

General	
Frequency Range(MHz)	VHF: 146-174 UHF: 450-470
Channel Capacity	16
Channel Spacing(KHz)	25 /12.5
Operating Voltage(V)	7.4
Battery	1650mAh (Li-lon Battery)
Battery Life (5-5-90 Duty Cycle)	14 hours
Frequency Stability(ppm)	±2.5
Operating Temperature($^{\circ}\mathbb{C}$)	-20~+65
Antenna Impedance(Ω)	50
Dimensions (H \times W \times D)(with battery, without antenna)(mm)	113×54×35
Weight (with antenna & battery)(g)	280
Dust and Water Ingress	IP54 Standard
Shock and Vibration	Per MIL-STD-810 C/D/E/F/G Standard

Conducted Spurious Emission

Power Output	5W/2W(VHF) 4W/2W(UHF)
Modulation	16K0F3E/11K0F3E
Spurious and Harmonics	≤-26dBm (<1G)
FM Noise	40/35dB
Audio Distortion	
Modulation Limiting	≤5KHz (25KHz) ≤2.5KHz (12.5KHz)
Audio Response	≤+1~-3dB (6dB/oct pre-emphasized, 300-3000Hz)

All Specifications are tested according to applicable standards, and subject to change without notice due to continuous development.

Heceiver	
	≤0.251uV/0.282uV
Adjacent Channel Selectivity	65dB/55dB
	60dB
Spurious Response Rejection	65dB
Rated Audio Power Output	0.5W(Speaker impedance: 16 Ohm)







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