

TC-508

Professional

**Two-way Radio
Affordable & Reliable**



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





TC-508, one of the market-leading products in HYT commercial radio series, is an ideal choice for facilities, hospitality, manufacturing, retail, education and construction. As the affordable and reliable two-way radio for business and industry, TC-508 can largely enhance your productivity and management efficiency. The excellent design of HYT compact TC-508 portables guarantees superior ergonomics. Moreover, it can ensure a great performance in any operating conditions, thanks to HYT 5-year ALT test. Besides, TC-508 provides up to 14 hours of battery life to ensure long-lasting performance and convenience. Affordable price and distinct performance - TC-508 deserves your trust.

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

TC-508 is built to survive the hard knocks, drops and some tough environments of its users. It meets or exceeds the HYT 5-year ALT test.

■ Longer Battery Life

TC-508 is equipped with a 1700mAh 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 Battery
Belt Clip

Rapid-Rate Charger (for Li-Ion Battery)
Strap

Power Adapter
Antenna

Optional Accessories



Vehicle Power Adapter
CHV09



Nylon Carrying Case
(not swivel)(black)
NCN001



Chest pack
NCN019



Receive-Only Earpiece
with Transparent
Acoustic Tube
EA-01



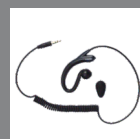
D-earset with in-line MIC
(with VOX capability)
EHM15-A



Receive - Only Earbud
(for use with PTT&MIC cable)
ES-01



Receive-Only Earpiece
with Transparent
Acoustic Tube
ES-02



Receive - Only C Style
Earloop(for use with
PTT&MIC cable)
EH-01



Receive - Only Ajustable
Earhook with Swivel
Speaker(for use with
PTT&MIC cable) EH-02



Waterproof Bag
PCN006



Earset with in-LineMIC
(with VOX capability)
EHM18-A



Speaker Microphone
SM50M1



Data Cable
PC76



PTT&MIC cable(for use with
Receive-Only Earpiece)
ACM-01

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

General

Frequency Range(MHz)	VHF: 136-174MHz; UHF: 400-470MHz
Channel Capacity	16
Channel Spacing(KHz)	25 /12.5
Operating Voltage(V)	7.4
Battery	1700mAh Li-ion battery
Battery Life (5-5-90 Duty Cycle)	14 hours
Frequency Stability(ppm)	± 2.5
Operating Temperature(°C)	-20 ~ +65
Antenna Impedance(Ω)	50
Dimensions (HxWxD)(with battery, without antenna)(mm)	113 x 54 x 35
Weight (with antenna & battery)(g)	280

Receiver

Sensitivity	≤0.224uV
Adjacent Channel Selectivity	65dB/55dB
Intermodulation	60dB
Spurious Response Rejection	65dB
S/N	45dB/40dB
Rated Audio Power Output	0.5W(Speaker impedance: 16 Ohm)
Rated Audio Distortion	≤5%(0.5W)
Conducted Spurious Emission	-57dBm < 1GHz -47dBm > 1GHz

Transmitter

Power Output	5W/2W (VHF) 4W/2W (UHF)
Modulation	16K0F3E/11K0F3E
Spurious and Harmonics	≤-26dBm (<1G)
FM Noise	40/35dB
Audio Distortion	≤5 %
Modulation Limiting	≤5KHz (25KHz) ≤2.5KHz (12.5KHz)

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



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