

# 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 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 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



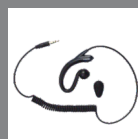
D-earset with in-line MIC  
(with VOX capability)  
EHM15-A



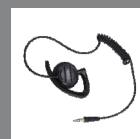
Receive - Only Earbud  
(for use with PTT&MIC cable)  
ES-01



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	1650mAh 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.*



## Hytera Communications Corporation Limited

**Address:** Hytera Tower, Hi-Tech Industrial Park North, Beihuan Rd., Nanshan District, Shenzhen, China

**Tel:** +86-755-2697 2999 **Fax:** +86-755-8613 7139 **Post:** 518057

**Http:** //www.hytera.com

Hytera retains right to change the product design and specification. Should any printing mistake occur, Hytera doesn't bear relevant responsibility. Little difference between real product and product indicated by printing materials will occur by printing reason.

HYT, Hytera are registered trademarks of Hytera Co., Ltd. © 2024 Hytera Co., Ltd. All Rights Reserved.

## Your Local Dealer

