

## Applicable Industries

Hotels, Properties, Supermarkets, Entertainment Venues, Factories, Construction, Logistics, Warehousing, Security



## Specifications

General	
Model	TC-508
Frequency Range	400-480MHz
Channel Capacity	48
Zone Capacity	3
Channel Capacity per Zone	16
Channel Spacing	12.5kHz/25kHz
Operating Voltage	7.4V (Rated)
Battery	1700mAh Li-Polymer
Battery Life (5/5/90 Duty Cycle, TX Power)*	15H
Frequency Stability	±2ppm
Antenna Impedance	50Ω
Dimensions (HxWxD)	113*54*32mm
Weight (With battery and antenna)	<250g
Receiver	
Sensitivity	0.14μV (12dB SINAD@12.5kHz)
Adjacent Channel	ETSI: 60dB@12.5kHz
Selectivity	70dB@25kHz
Intermodulation	ETSI: 65dB@12.5/25kHz
Spurious Response Rejection	ETSI: 70dB@12.5/25kHz
Blocking	ETSI: 84dB
Hum&Noise	40dB@12.5kHz; 45dB@25kHz
Rated Audio Power Output	0.5W
Rated Audio Distortion	≤5%
Audio Response	+1 to -3dB
Conducted Spurious Emission	<-57dBm

Transmitter	
Power Output	2W/4W (low/high)
FM Modulation	11K0F3E@12.5kHz 16K0F3E@25kHz
Conducted/Radiated Emission	-36dBm < 1GHz; -30dBm > 1GHz
Modulation Limiting	±2.5kHz@12.5kHz ±5.0kHz@25kHz
FM Hum&Noise	40dB@12.5kHz 45dB@25kHz
Adjacent Channel Power	60dB@12.5kHz; 70dB@25kHz
Audio Response	+1 to -3dB
Audio Distortion	≤3%
Environment	
Operating Temperature	-30°C ~ +60°C*
Storage Temperature	-40°C ~ +85°C
ESD	±8kV (Contact) ; ±15kV (Air)
Dustproof & waterproof	IP54
Humidity	MIL-STD-810C, D, E, F
Shoock and Vibration	MIL-STD-810C, D, E, F

\*Radio only - Battery -20°C

**Hytera**  
Respond & Achieve

### Hytera Communications Corporation Limited

Stock Code: 002583.SZ

Address: Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District, Shenzhen, P.R.C.

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

https://www.hytera.com marketing@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 Communications Corp., Ltd. ©2025 Hytera Communications Corp., Ltd. All Rights Reserved.

**HYT**  
Two-way Radio



# TC-508

## High-Quality Commercial Two-Way Radio



🔊 Enhanced Voice Quality

🔋 Longer Battery Life

👉 Comfortable Operation

📡 High Sensitivity

www.hytera.com



### Channel copy,easy and quick

Capable of quickly copying analog channel information from any two-way radio.



### Battery Strength Indicator

Features LED indicators that display power status at a glance. With just a single button press, you can check remaining battery life and recharge promptly when needed



### Main Features

- Designated Power-on Area
- Password control for programming
- High/Low Power Switchable
- Monitor
- CTCSS/CDCSS and Squelch Tail Elimination
- Channel Scan
- Low Battery Alert
- Busy Channel Lockout(BCL)
- Time-out-timer(TOT)
- Auto Battery Save



### Hytera Radio app, high-efficient

Manage your radio with a phone, at your fingertips. Perform programming, batch configuration, frequency information backup, and then some.



### Air Clone,simple and fast

You can clone configuration data from one TC-508 to many. All done in a flash.



### Enhanced Voice Quality

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



### Hear it, get it

Always give you voice notifications about channel number,battery level, configuration data, and more. Get key information without any glance.



### Accessories

#### Standard Accessories



#### Optional Accessories

