







# TC-508 Enhanced

## High-Quality Commercial Two-Way Radio



-  Superior Voice Quality
-  Extended Battery Life
-  Ergonomic Design
-  Improved Coverage



## Channel Copy

Ability to copy analog channel information from one TC-508 radio to another.



## Hytera Radio App

Manage your radio effortlessly from your Android smartphone. Perform programming, batch configuration, frequency information back up, and more - all in one app.



## Air Clone

You can clone configuration data from one TC-508 to others.





## Battery Strength Indicator

LED indicators display remaining battery capacity with just a single button press.



## Crystal-clear Voice Quality

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



## Voice Notification

Always provides voice notifications about channel number, battery level, and configuration data.



## Main Features

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

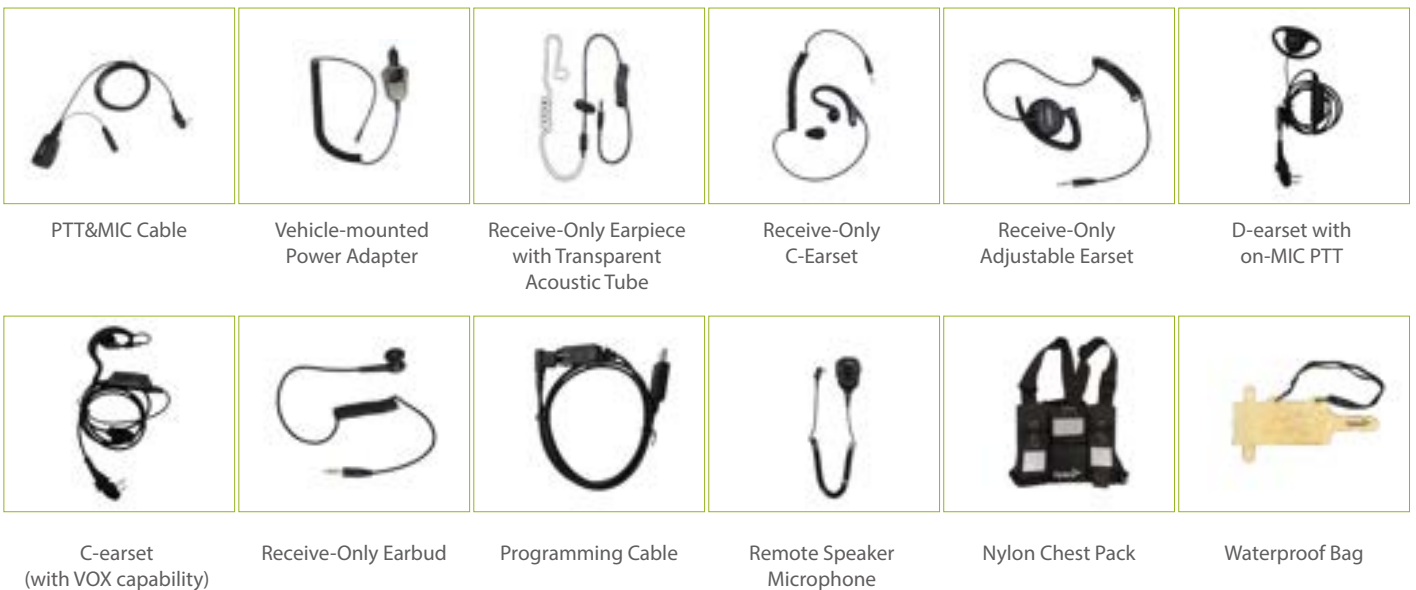


## Accessories

### Standard Accessories



### Optional Accessories



# 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-ion
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

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