

The advanced provider of professional wireless communication

**HYT**  
AMERICA, INC.

# TC-508

## Commercial Two-way Radio

Aimed at increasing efficiency, the HYT TC-508 helps businesses run smoother with instant, quality communications. That means a more efficient crew with projects done right the first time. The palm size and lightweight TC-508 portable radio will deliver you solid and reliable two-way performance at a very competitive price.



- Compact & Light Weight
- Affordable & Reliable Communications
- Longer Battery Life at over 14 Hours (5-5-90) Duty Cycle
- Battery Save & Low Battery Alert
- Compliant with MIL-STD C/D/E/F and IP54-Rated Protection



[www.hytera.us](http://www.hytera.us)

# TC-508

## Commercial Two-way Radio

### Main Features

- **16 Channels**
- **Compact Size and Light Weight**  
Its palm-sized design makes the TC-508 easy to hold and carry and at only 9.87 oz., it is so light weight, you can take it virtually anywhere.
- **CTCSS/CDCSS**  
Set up workgroups/users with unique CDCSS/CTCSS to prevent unwanted conversations on the same frequency.
- **Battery Save & Low Battery Alert**  
Over 14 hours of battery life enhanced by a battery save feature in standby mode, as well as an audible & visual alert when the battery is low.
- **Compliant to MIL-STD C/D/E/F & IP54 Rated**  
The TC-508 has passed stringent test to ensure rugged performance in harsh environments.
- **Time-out Timer (TOT)**  
Allows for efficient use of channels by limiting the amount of time of each transmission.
- **Channel Scan**
- **Busy Channel Lockout**
- **Monitor**
- **PC Programmable**
- **Cloning Capable (Wired)**
- **Selectable Squelch Level & Squelch Tail Elimination**

### General

Frequency Range (MHz)	VHF: 146-174 UHF: 450-470
Channel Capacity	16
Channel Spacing (KHz)	25 / 12.5
PLL Channel Stepping (KHz)	5 kHz, 6.25 kHz
Operating Voltage (V)	7.4
RF Power Output (W)	VHF: 5W / 2W    UHF: 4W / 2W
Battery	1650 mAh (Li-Ion)
Battery Life (5-5-90 duty cycle)	14 Hours
Frequency Stability (ppm)	± 2.5
Operating Temperature (F°)	-4° ~ +149°
Antenna Impedance (Ω)	50
Dimensions (H x W x D)(in.) (with battery, without antenna)	4.44" x 2.13" x 1.34"
Weight (with antenna & battery) (oz.)	9.87 oz.

All specifications are tested according to TIA/EIA-603, and subject to change without notice due to continuous development.

### Recommended Applications

- Property Management
- Hospitality
- Logistics
- Education
- Construction
- Warehousing
- Agriculture
- Retail



### Accessories

Standard Accessories	Li-Ion Battery Belt Clip	Rapid-Rate Charger (for Li-Ion Battery) Strap	Power Adapter Antenna
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#### Optional Accessories

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

Li-Ion Battery (1300mAh) BL1301	Vehicle Power Adapter CHV09	Six-unit Switching Power PS7002	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 speaker microphone) ESS06	Nylon Carrying Case (not swivel)(black) NCN001	Receive-Only Earpiece (for use with remote speaker microphone) ESS07

#### Your Local Dealer

FCC Approved Bands: (146-174MHz)  
FCC ID Number YAMTC-508V2

FCC Approved Bands: (450-470MHz)  
FCC ID Number YAMTC-508U2



### Hytera Communications Corporation Limited

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[www.hytera.us](http://www.hytera.us)

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