

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

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 |
|----------------------|-----------------------------|--|--------------------------|

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

Respond & Achieve

Hytera Communications Corporation Limited
 3315 Commerce Parkway, Miramar, Florida 33025
 Tel: 1-800-845-1230 Fax: 954-846-1672
www.hytera.us

HYT, Hytera are registered trademarks of Hytera Co., Ltd. © 2010 Hytera Co., Ltd. All Rights Reserved. HYT retains the right to change the product design and specifications. Should any printing mistake occur, HYT will not bear relevant responsibility. Some slight differences between real product and the product indicated by the printing materials may occur.