

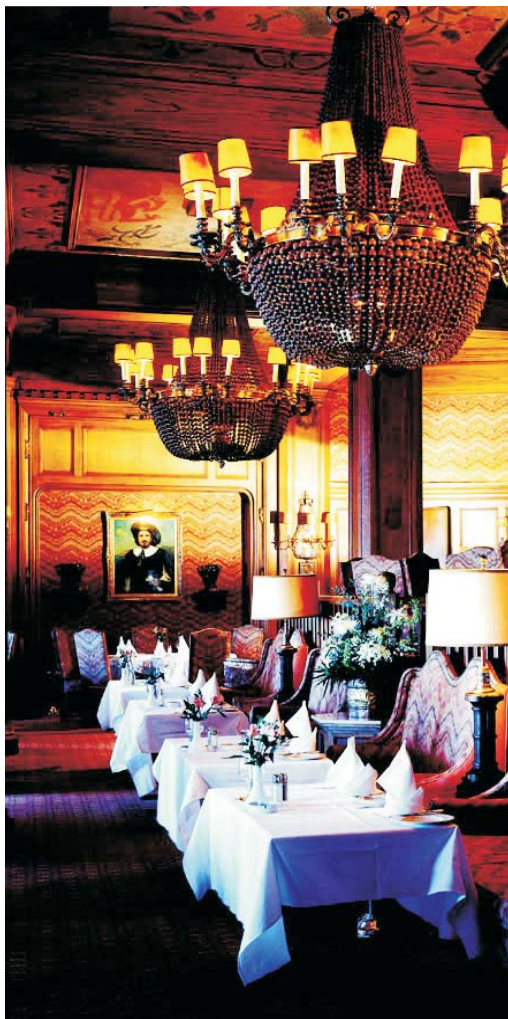
The advanced provider of professional wireless communication

**HYT**  
AMERICA, INC.

# TC-518

## Professional Two-Way Radio

HYT's TC-518 is ideal for hotels and other businesses that need secure and dependable communications in a compact and professional design. This radio's volume control, single-hand operation, and voice operated transmit capability make it very user-friendly and convenient for users that may have their hands occupied at different times during the work day.



- Stylish, Compact, & Light Weight
- User-Friendly Volume Control & Single-Hand Operation
- Wide-Band Coverage
- Battery Save & Low Battery Alert
- Voice Operated Transmit (VOX) w/ Applicable Accessories

[www.hytagamerica.com](http://www.hytagamerica.com)

# TC-518

## Professional Two-way Radio

### Technical Highlights

- Wide-Band Coverage**  
 Covers a wider range of frequencies allowing the radio to be more compatible.
- User-Friendly Volume Adjustment**  
 The easily maneuverable volume control is divided into levels with an audible tone identifying each level.
- Single-Hand Operation**  
 Enabled by the combined design of the PTT and Volume Control.
- Sleek & Light-Weight**  
 With its ergonomic design, this slim and compact radio can enhance user comfort, while maintaining a professional and fashionable appearance.
- Built-in Voice Scrambler/Compander**  
 Only compatible with the HYT TC-320 & TC-518 radio models.
- Voice Operated Transmit (VOX)**  
 Hands-free transmit is possible, when paired with an applicable accessory.


### Main Features

- High / Low Power Switchable
- Battery Save & Low Battery Alert
- Programmable Channel Spacing (Wide / Narrow Band Selectable)
- Monitor
- Busy Channel Lockout
- Time-out Timer
- CTCSS / CDCSS Encode & Decode
- Squelch Tail Elimination
- Selectable Squelch Level (0-9)
- Channel Scan
- PC Programmable
- Wired Clone
- PTT ID
- Power Off by Software


### Accessories

<b>Standard Accessories</b>	Antenna	Li-Ion Battery (1100mAh) BL1102	Rapid-rate Charger (for Li-Ion Battery) CH10L12
	Switching Power (different P/N for different countries and areas)	Belt Clip BC12	Strap RO03

### Featured Optional Accessories



Six-unit Switching Power PS7001  
(different power cable for different countries and areas)



The Six-unit Switching Power works with chargers.


✦ Highlights: Using the 6-unit switching power, you can combine multiple rapid-rate chargers as a simple multi-unit charger which fulfills high-speed shift or busywork for large fleets, and share the economical benefits and convenience that it brings.




Li-Ion Battery (2000mAh)  
BL2003




Vehicle Power Adapter  
CHV09




Earbud with in-line  
PTT & VOX ESM11



Earbud with on-MIC  
PTT & VOX ESM12



D-earset with Boom  
Microphone & VOX EHM16



D-earset with in-Line  
MIC & VOX EHM15

✦ PU Carrying Case (non-swivel) (black) PCN001  
 Programming Cable (COM Port) PC19  
 Programming Cable (USB to Serial Port) PC26  
 Cloning Cable CP05  
 Note: Pictures are for reference only. Image may vary from actual product. Product function shall remain the same.

### General

Frequency Range (MHz)	VHF: 136-174 UHF: 350-390*, 400-470; 470-520
Channel Capacity	16
Channel Spacing (KHz)	25/12.5**
Operating Voltage (V)	7.4
RF Power Output (W)	5W/2W (VHF) 4W/2W (UHF)
Battery	1100 mAh (Li-Ion)
Battery Life (5-5-90 duty cycle)	About 9 Hours
Frequency Stability (ppm)	± 2.5
Operating Temperature (F°)	-22° ~ +140° (F°)
Antenna Impedance (Ω)	50
Dimensions	4.33 in. x 2.05 in. x 1.10 in.
Weight (with antenna & battery)	8.46 oz.

\*Frequencies Marked with an Asterisk(\*) are for Export Only.

\*\*Below 5KHz Channel Spacing Not Possible.

All specifications are tested according to TIA/EIA-603, and subject to change without notice due to continuous development. More detailed specs available upon request.

### Recommended Applications

- Hotels
- Hospitals
- Supermarkets
- Education
- Property Management
- Retail Stores
- Restaurants
- Office Environments



### Your Local Dealer

FCC Approved Bands: (400-470MHz)  
 FCC ID Number R74TC-518U1



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