

The advanced provider of professional wireless communication



TC-518

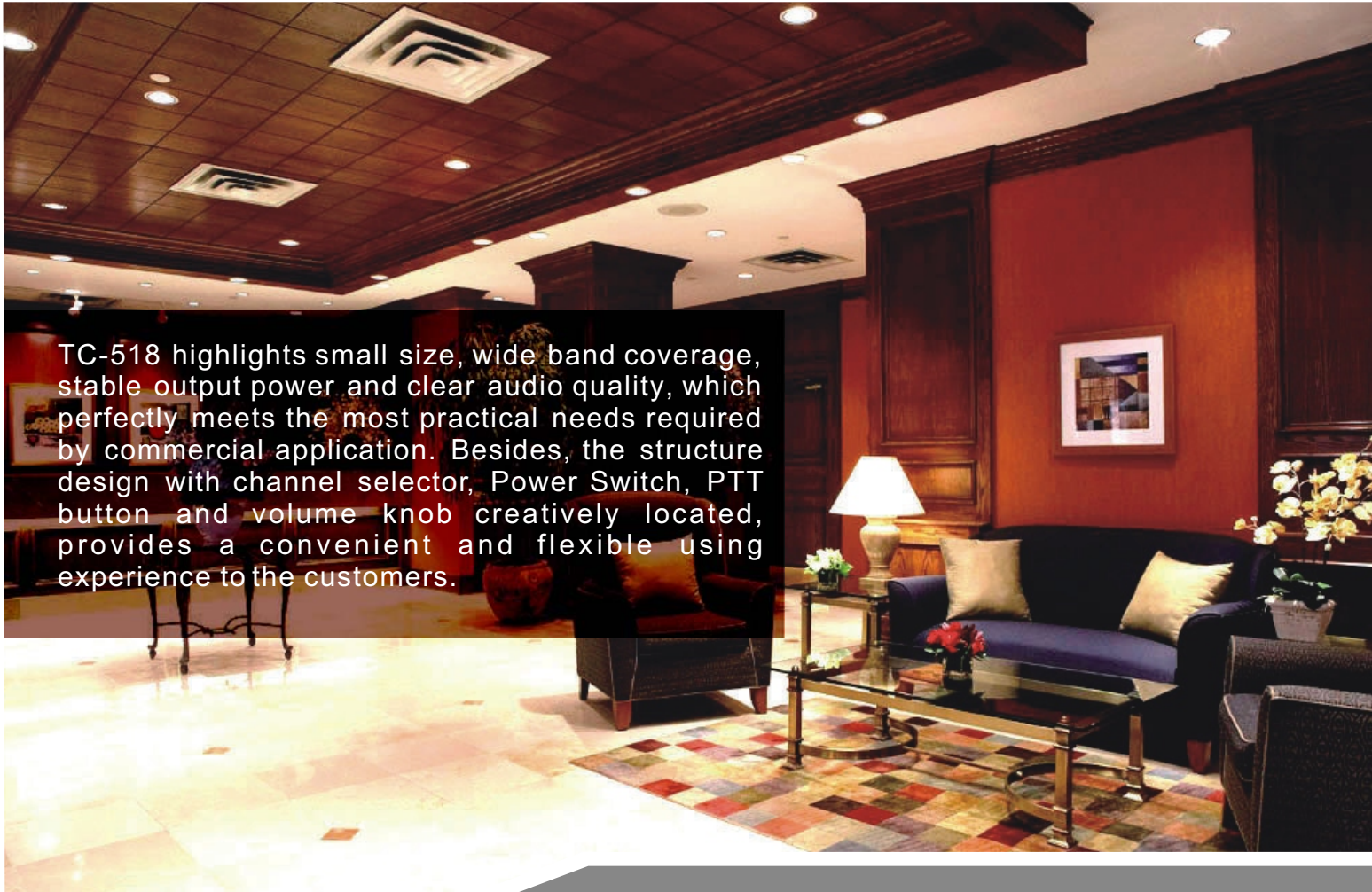
Professional Two-way Radio



- Wide-band Coverage
- User-friendly Volume Adjustment
- Single-hand Operation
- Power-off By Software



UK123080910A



TC-518

Professional Two-way Radio

Super Features

Wide-band coverage

Wide-band coverage enables TC-518 to be compatible with another radio working within a relatively narrow frequency band. Thus the spending on another radio is saved.

User-friendly volume adjustment

The volume is divided into several levels and each level is vocally marked, enabling the users to choose a suitable volume level in accordance with the environment.

Single-hand operation

Usually a radio is operated with two hands. But now it is a thing of the past. With PTT button and volume knob combined, you can handle the radio with a single-hand, making the other hand always available to do other things while speaking and listening.

Power-off by software

Power-off by software technology is first applied in two-way radios. It is much more durable, and can serve a longer time than the traditional mechanical switch.

Applications

- Hotel
- Restaurant
- Property Management
- Supermarket
- Logistics
- Shopping Mall
- Outdoor Exercise

Applicable MIL-STD-810C/D/E/F

Applicable MIL-STD	810C		810D		810E		810F	
	Methods	Procedures	Methods	Procedures	Methods	Procedures	Methods	Procedures
Low Pressure	500.1	1	500.2	1,2	500.3	1,2	500.4	1
High Temperature	501.1	1,2	501.2	1,2	501.3	1,2	501.4	1,2
Low Temperature	502.1	1	502.2	1,2	502.3	1,2	502.4	1,2
Temp. Shock	503.1	1	503.2	1	503.3	1	503.4	1
Solar Radiation	505.1	1	505.2	1	505.3	1	505.4	1,2
Rain	506.1	2	506.2	2	506.3	1,2	506.4	1,2
Humidity	507.1	2	507.2	2,3	507.3	2,3	507.4	1
Salt Fog	509.1	1	509.2	1	509.3	1	509.4	1
Dust	510.1	1	510.2	1	510.3	1	510.4	1
Vibration	514.2	8,10	514.3	1	514.4	1	514.5	1
Shock	516.2	1,2,5	516.3	1,4	516.4	1,4	516.5	1,4

General

Frequency Range(MHz)	VHF: 136-174 UHF: 350-390 400-470 470-510
Channel Capacity	16
Channel Spacing(KHz)	25 /12.5
Operating Voltage(V)	7.4
Battery	1100 mAh (Li-ion)
Battery Life (5-5-90 Duty Cycle)	
1100mAh Li-Ion battery	About 9 hours
2000mAh Li-Ion battery	About 14 hours
Frequency Stability(ppm)	± 2.5
Operating Temperature(°C)	-30~+60
Antenna Impedance(Ω)	50
Dimensions (H × W × D)(with battery, without antenna)(mm)	110 × 52 × 28
Weight (with antenna & battery)(g)	240

Transmitter

RF Power Output	5W/2W(VHF) 4W/2W(UHF)
Modulation	F3E
Spurious and Harmonics	-36dBm<1GHz -30dBm>1GHz
FM Noise	40/34dB
Audio Distortion	≤ 5 %

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

Receiver

Sensitivity	≤ 0.25/0.28 μ V
Selectivity	70/55dB
Intermodulation	≥ 65dB
Spurious Response Rejection	≥ 70dB
S/N	40/34dB
Rated Audio Power Output	0.8W
Rated Audio Distortion	≤ 5%



ISO9001:2000 Certificate NO:FM 61540



HYT
Two-way Radio

2008中网官方指定专业无线通讯设备

The China Open 2008 Official Professional Wireless Communication Equipment

<http://www.hyt.cn>

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Your Local Dealer



Main Features

- High/Low Power Switchable
- Programmable Channel Spacing
(Wide/Narrow Band Selectable)
- Monitor
- Battery Save
- Low Battery Alert
- 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
- Voice Comander
- Voice Operated Transmit (VOX)



Accessories

Standard Accessories	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.

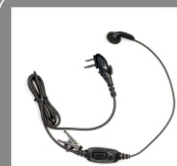
Optional Accessories



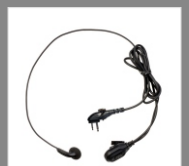
Li-Ion Battery (2000mAh) BL2003



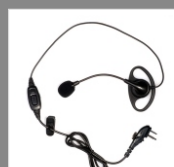
Vehicle Power Adapter CHV09



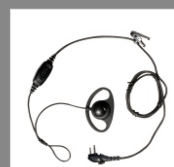
Earbud with in-line PTT & VOX ESM11



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.

