

TC-320

Cost-effective Business Two-way Radio

TC-320 is unique for its compact and delicate body, superb sound quality, superior drop protection and ergonomic design. This product enables users to fully enjoy the benefits of real-time communication with favorable price.



Channel copy, easy and quick

Capable of quickly copying analog channel information from any two-way radio.



Hear it, get it

Always give you voice notifications about channel number, battery level, configuration data, and more. Get key information without any glance.



Hytera Radio app, high-efficient

Manage your radio with a phone, at your fingertips. Perform programming, batch configuration, frequency information backup, and then some.



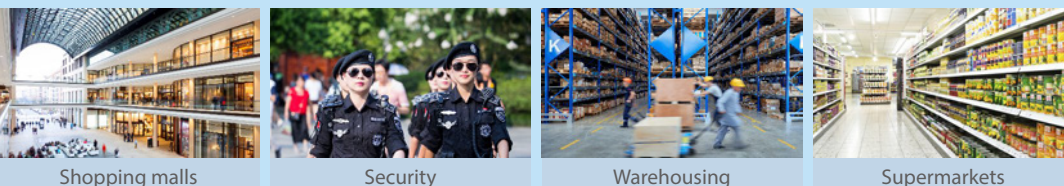
Sleek and compact design

The TC-320 features streamlined contours and an ultra-thin profile, engineered with ergonomic precision to minimize fatigue during prolonged use.



Air Clone, simple and fast

You can clone configuration data from one TC-508 to many. All done in a flash.



Shopping malls

Security

Warehousing

Supermarkets



High sensitivity

High sensitivity, extended communication range, and superior call stability.

High-Capacity Battery

The TC-320 comes standard with a 1700mAh lithium battery, delivering extended standby time and longer talk time.



Main Features

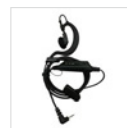
- Voice notification
- Designated power-on area
- Password control for programming
- Battery Strength Indicator
- High/Low Power Switchable
- Monitor
- Programmable 25KHz/12.5KHz Channel Spacing
- CTCSS/CDCSS and Squelch Tail Elimination
- Channel Scan
- Low Battery Alert
- Busy Channel Lockout (BCL)
- Time-out-timer (TOT)
- Auto Battery Save

Accessories

Standard

- Li-ion Battery(1700mAh)
- Charging Cable
- Adapter
- Belt Clip
- Antenna
- Strap

Optional



Earpiece



Charger



Programming Cable

Specifications

General

Model	TC-320
Frequency Range	400-470MHz
Channel Capacity	48
Zone Capacity	3
Channel Capacity per Zone	16
Channel Spacing	12.5kHz/25kHz
Operating Voltage	3.7V (Rated)
Battery	1700mAh Li-ion

Battery Life (5/5/90 Duty Cycle, TX Power)*	15H
Frequency Stability	±2ppm
Antenna Impedance	50Ω
Dimensions (HxWxD)	100*48*27mm
Weight (With battery and antenna)	<146g

Receiver

Sensitivity	0.14μV (12dB SINAD@12.5kHz)
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	0.5W, 2W
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)

*Radio only -Battery -20°C



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