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

Applicable	810C	810D	810E	810F
MIL-STD	Methods Procedures	Methods Procedures	Methods Procedures	Methods Procedures
Low Pressure	500.1 1	500.2 1,2	500.3 1,2	500.4 1,2
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 1,2
Solar Radiation	505.1 1	505.2 1	505.3 1	505.4 1
Rain	506.1 1,2	506.2 1,2	506.3 1,2	506.4 1,3
Humidity	507.1 1,2	507.2 2,3	507.3 2,3	507.4
Salt Fog	509.1 1	509.2 1	509.3 1	509.4
Dust	510.1 1	510.2 1	510.3 1	510.4 1,3
Vibration	514.2 8,10	514.3 1	514.4 1	514.5 1
Shock	516.2 1,2,3,5	516.3 1,4,5	516.4 1,4,5	516.5 1,4,5

General

Contorun	
Frequency Range(MHz)	VHF: 136-174 UHF: 400-420 420-450 440-470 450-470 470-490
Channel Capacity	16
Channel Spacing(кнz)	25 /12.5
Operating Voltage(v)	7.4
Battery	1200mAh (Li-ion)
Battery Life (5-5-90 Duty Cycle)	
1200mAh Li-Ion battery	More than 9 hours
1300mAh Ni-MH battery	More than 9 hours
Frequency Stability(ppm)	±2.5
Operating Temperature(°C)	-20~+55
Antenna Impedance(0)	50
Dimensions (H \times W \times D)(with battery, without antenna)(mm)	117×54×31
Weight (with antenna & battery)(g)	275

Transmitter

Hytera

Receiver

RF Power Output	5W/2W(VHF) 5W/2W(UHF)		
Modulation	F3E		
Spurious and Harmonics	-36dBm<1GHz -30dBm>1GHz		
FM Noise	40/35dB		
Audio Distortion	≪5 %		

All Specifications are tested according to TIA/EIA-603, and subject to change

without notice due to continuous development.

 Sensitivity
 0.25/0.28 µ V

 Selectivity
 70/60dB

 Intermodulation
 ≥60dB

 Spurious Response Rejection
 ≥70dB

 S/N
 45/40dB

 Rated Audio Power Output
 800mW

 Pater Audio Distortion
 ≤50/

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Hytera Communications Corporation Limited

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 	Dealer	 	 	 	

TC-620

Professional Two-way Radio



- Superior Audio Clarity
- Reliable Mechanical Design
- Enhanced Speaker Protection
- Added Benefit for Your Business

www.hytera.com





Hytera Communications Corporation Limited

Professional Two-way Radio

Super Features –

Superior Audio Clarity

A 45mm diameter speaker and high audio power can ensure clear, crisp and strong audio, even in noisy environments.

Reliable Mechanical Design

Battery latch is apt to become loose after long time use, and even occasionally causes your radio to shut off automatically. All these will affect your working efficiency. HYT proprietary battery latch mechanism is applied to TC-620 radios. It delivers secure connection between battery and radio, no matter how long the radio has been in use.

Enhanced Speaker Protection

An extra protecting stencil adds more protection for your radio speaker against hard substances such as iron nails and thin sticks, and also against water intrusion.

Added Benefit for Your Business

TC-620

The TC-620 abandons conventional black body, and employs fashionable grey rubber housing as well as a metal nameplate, to add more benefit for your business.

Main Features -

High/Low Power Switchable By simple pressing one button, users can switch to low power when communicating within limited range coverage or switch to power optimizes range coverage while low transmit power conserves battery consumption, all at the user's control.

Programmable 12.5kHz / 25kHz Channel

Spacing The feature enables flexibility and easy migration of channel spacing requirements when the need arises, with no need to buy new radios.

Monitor

Allows users to monitor the activity on the current channel. The feature is especially helpful for receiving a weak signal.

Battery Save

The Battery Save feature is automatically activated once no extended operation time.

Low Battery Alert

Alert users to recharge the battery should the battery level run low.

Busy Channel Lockout

A channel already in use is not available to other users.

Time-out Timer

The feature allows for more efficient use of channels by limiting the amount of time of each transmission.

PC Programmable You are able to customize the features of each radio for each







Optional Accessories







Incorporating cutting-edge technology, HYT TC-620 portable radio portfolio is the option customized for users in property management, and service industries. In addition to the versatile functionality, easy operation, and high performanceto-price ratio characteristics, the innovative and ergonomic design makes the TC-620 satisfy users' requirements for communication as well as pursuance for good look.



Wired Clone

Easily copy the features of one radio to another.

CTCSS/CDCSS

Set up workgroups/users with unique CDCSS/CTCSS to prevent unwanted conversations on the same frequency.

Selectable Squelch Level (0-9)

Helps minimize interference from undesired weak signals and helps weak signals be heard.

Channel Scan

The channel scan feature enables the radio to continuously scan each channel in the scan list for activity. Simply press a side function button to activate scanning. When activity is detected on a channel the scan process will stop and you will hear the transmission.

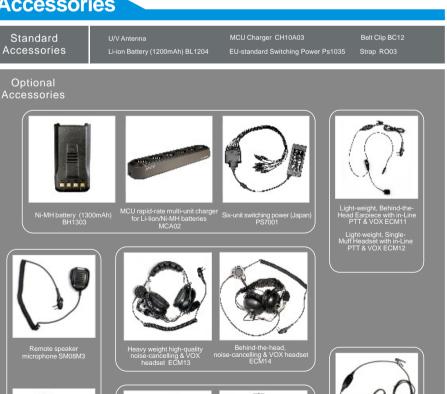
Voice Operated Transmit (VOX)

Enjoy the convenience of hands-free operation when used with optional accessories.

Recommended Applications

Property management	Hospitality
Logistics	Restaurant
Warehousing	Supermarket

Accessories



PTT & VOX & Transpa

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