



HQT ANALOG SERIES

Specifications

General

Frequency Range	VHF: 136-174MHz UHF: 350-390MHz; 400-470MHz; 450-520MHz
Channel Capacity	16
Channel Spacing	25.0kHz / 12.5kHz
Frequency Stability	±1.5ppm
Operating Temperature	-25°C~+55°C
Antenna Impedance	50Ω
Operating Voltage	7.5V
Dimensions (H×W×D)	116×56×34mm
Weight (With Antenna & Battery)	203g
Battery	1500mAh

Receiver

Sensitivity	0.20μV(25kHz)/0.22μV(12.5kHz)
Adjacent Channel Selectivity	60dB @ 12.5kHz / 70dB @ 25kHz
Intermodulation Rejection	65dB
Conducted Spurious Emission	< -57dBm
S/N	40dB @ 12.5kHz / 45dB @ 25kHz
Rated Audio Power Output	700mW
Rated Audio Distortion	≤5%

Transmitter

RF Power (H/L)	UHF High Power:4W / Low Power:1W VHF High Power:5W / Low Power:1W
Modulation Type	16KΦF3E / 8KΦF3E
Modulation Limiting	≤2.5kHz@12.5kHz/≤5kHz@25kHz
FM Distortion	≤5%
Residual FM	40dB@12.5kHz/45dB@25kHz
Adjacent Channel Power	60dB@12.5kHz/70dB@25kHz
Spurious and Harmonics	≤-36dBm(<1GHz)/-30dBm(>1GHz)

All specifications are tested according to applicable standards and subject to changes without notice due to continuous development.



868-34-TH-1



LOW-END PRODUCTS



HQT Analog Series TH-368

- VOX
- TOT
- Scan
- Alarm
- Monitor
- Wide/Narrow Band
- High/Low Power
- Voice Prompts
- Wired Clone
- Tail Reversal
- Squelch Level
- Battery Save
- DTMF/PTT ID
- CTCSS/CDCSS
- Electricity Announce
- Electricity Check
- Busy Channel Lockout

Main Features

- **VOX**
This function allows radio to transmit without PTT key being pressed.
- **CTCSS / CDCSS**
Unique CTCSS / CDCSS encode and decode are useful for group users to avoid unwanted conversation on the same channel.
- **Emergency Alert**
TH-368 emits emergency alarm or sends ENI to predefined person when users are in an emergency situation.
- **Busy Channel Lockout (BCL)**
BCL is used to protect the on-going conversation from unwanted interference. It is a good way to avoid unnecessary interference.
- **High/Low Power Switch**
This function allows radio to be switched between high power and low power. Low power can satisfy small range communication. It results in a longer standby period.
- **Other Functions Available:**
Voice Prompts
DTMF
Scan
25 kHz/12.5kHz Switch
Programmable Keys

Accessory List

Standard Accessories					
Antenna	Battery	Charge Adapter	Desktop Charger	Belt Clip	Hand Strap
Optional Accessories					
Earphone	Remote Microphone	Programming Cable	Clone Cable		

SHENZHEN HQT SCIENCE & TECHNOLOGY CO.,LTD.



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