



TH-2800

Professional Two-way Radio

Small-sized Super value



General

Frequency Range	VHF: 136~174MHz UHF: 400~470MHz; 350~390MHz
Channel Capacity	16(15+S)
Channel Spacing	25.0kHz/ 12.5kHz
Frequency Stability	±2.5 ppm
Operating Temperature	-25~+55℃
Antenna Impedance	50Ω
Operating Voltage	7.5V
Dimension (H×W×D)	105×60×35mm
Weight (with antenna & battery)	225g
Battery	1800mAh (Li-ion Battery)

Transmitter

RF Power (H/L)	UHF: 4W/1W VHF: 5W/1W
Modulation Type	16kΦF3E/ 8kΦF3E
Modulation Limiting	≤5kHz/2.5kHz
FM Distortion	≤5%
Residual FM	-45dB / -40dB
Adjacent Channel Power	-70dB / -60dB
Spurious and Harmonics	≤-36dBm

Receiver

Sensitivity	0.22μV / 0.25μV
Adjacent Channel Selectivity	70dB / 60dB
Intermodulation Reject Ratio	65dB
Spurious Response Reject Ratio	70dB
S/N	45dB / 40dB
Rated Audio Power Output	1.5W
Rated Audio Distortion	≤5%

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Your Local Dealer

Main Features

- Compact size and lightweight
- Wide Frequency Range
- High-quality Audio
- Auto Battery Save



TH-2800

HQT TH-2800 is a professional two-way radio with fashionable design, multi-functions, stable performance and wide frequency range. It is one of the most cost-effective models and convenient communication equipment for users work in hotels, entertainment places, property and security management.

Main Features

Compact Size and Light Weight

Compact design makes TH-2800 easy to be held and carried. It is so light that users can take it virtually anywhere.

Wide Frequency Range

It is available on 136-174MHz and 400-470MHz, which is adaptable to most frequency regulations around the world.

High-quality Audio

A powerful speaker ensures clear audio even in noisy environments.

Auto Battery Save

The radio automatically enters battery save mode when no signal is transmitted / received or no key is operated in 12 seconds.

Main Functions

Voice Prompts

This function is designed for using in dark environment, it enables radio to report current channel when the corresponding function key is pressed.

Monitor

This feature enables user to hear weak signals. User can adjust volume by pressing MONI key when no signals are received.

Battery Power Indication

The radio will report current battery power when the corresponding function key is pressed. It also reminds users to replace or charge the battery if the battery power is low.

High/Low Power Switch

The radio can be switched between low power and high power. To save power, users can switch it to lower power mode when talk distance is short.

VOX

VOX is able to free users' hands while their hands are occupied.

PTT ID Encode (DTMF)

TH-2800 provides identification of radio to control center or partners through this function. It simplifies the way of communication and management.

Squelch Tail Elimination

The function will minimize the annoying audio outputs that occur at the end of receiver during a transmission.

Scan

This feature enables radio to scan each channel in scanning list by pressing function key to activate scanning. The user can detect the available channel of partners, and then start a communication.

Busy Channel Lockout (BCL)

BCL is used to prevent the on-going conversation from unwanted interference. Users also might be blocked in sometime.

CTCSS/CDCSS

CTCSS/CDCSS encoder and decoder are useful to avoid unwanted conversation on the same channel.

25.0 KHz/20 KHz/ 12.5 KHz Switch

TH-2800 has different channel spacing 25.0 KHz/20 KHz/12.5 KHz, which are optional to confirm with the regulations of different countries.

Wired Clone

To quickly set the parameters on a radio, users can clone the radio data from another radio with the supplied data cable, which can save the time of parameters setting.

PC Programming

Frequency and various features can be set by PC programming software.



Application

Super market, Hotel and Restaurant

TH-2800 can help users provide considerate and quiet service to your customers. VOX can free users hands, thus users can talk to the other team mates when users' hands are occupied.

Property Management

Easy operation, clear voice, long operating period and emergency alert can help guards to handle any emergencies successful in a short time.

Industry

TH-2800 has passed IP54 tests. Additionally, rain-resistance, long talk time, coupled with monitor function will ensure effective connection and fast organization of staff in various regions. It is not necessary to worry about any unexpected cut-off during the communication even if a relatively tough environment.

Accessories



Antenna (UHF)
TH-2800U AF 40047002
(400-470MHz)



Li-ion Battery
BL1800
Battery Capacity:
1800mAh



Charger Adapter
NLB100120W1U
INPUT:100-240V~50/60Hz
OUTPUT:12V 1000mA



Ear-piece Mic
EHK01



Antenna (VHF)
TH-2800: AH13615006
(136-150MHz)
AH15017406
(150-174MHz)



Charger
CL0606
Charge Current:
600mAh



Belt Clip
S03
Flexible Washer

Other:
HK01 (Handheld Mic & Speaker)
Two-inline

