

# ArroTop

## TH-1000

Professional Two-way Radio

Small-sized  
Super value



### Main Features

- Compact and Small-sized
- 3 Programmable Keys
- Voice Prompts
- Voice Encryption
- Battery Power Indication & Alert
- Whisper Function
- Meet MIL-STD-810C/D/E/F. IP54

### General

Frequency Range	VHF: 136~174MHz; UHF: 400~470MHz; 350~390MHz
Channel Capacity	16(15+S)
Channel Spacing	25.0kHz/ 12.5kHz
Frequency Stability	± 2.5PPM
Operating Temperature	-25 ~ +55°C
Antenna Impedance	50Ω
Operating Voltage	7.5V
Dimension ( H × W × D )	100 × 58 × 32mm
Weight ( with antenna & battery )	198g
Battery	1200mAh/1500mAh

### Transmitter

RF Power ( H/L )	UHF: 4W/1W VHF: 5W/1W
Modulation Type	16k φ F3E/ 8k φ F3E
Modulation Limiting	≤5kHz
FM Distortion	≤5%
Residual FM	-45dB / -40dB
Adjacent Channel Power	-70dB / -60dB
Spurious and Harmonics	≤-36dBm

### Receiver

Sensitivity	0.18 μ V / 0.22 μ V
Adjacent Channel Selectivity	70dB / 60dB
Intermodulation Reject Ratio	65dB
Spurious Response Reject Ratio	70dB
S/N	45dB / 40dB
Rated Audio Power Output	600mW
Rated Audio Distortion	≤5%

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Your Local Dealer



# TH-1000

Arro Top TH-1000 is compact, small-sized professional two way radio. Ergonomic design makes it easy to carry and operate. It is fashionable, professional and convenient tool for user working in hotel, department and entertainment places.

## Main Features

- Compact and Small-sized**  
Compact outline, ergonomic design and anti-skid design make it easy to operate and carry.
- 3 Programmable Keys**  
3 programmable key, SK1, SK2 and Top key, can be programmed with desired functions.
- Power-on Battery Power Indication & Power Protection**  
This function remind user to pay attention to current battery power, avoid unexpected cut-off of the communication. And it also prevents radio damage if the battery is low.
- Auto Battery Save**  
The radio automatically enters battery save mode 12 seconds after when no signal is transmitted or received and no key is operated.

## Main Functions

- Voice Prompts**  
This feature enables radio to report current channel. It brings convenience to users in special applications, such as working in the darkness.
- Voice Encryption**  
It provides enhanced privacy to communication; effectively prevent wiretap on the channel.
- Monitor**  
To hear a weak signal, press MONI key. And it helps adjusting volume when no signal is received.
- Battery Power Indication & Alert**  
Upon press the function key, the radio sounds different sound to indicate the current battery level. And it also remind user to replace or charge the battery if the battery power is low.
- High/Low Power Switchable**  
The radio can be switchable for both low power and high power. When talk range is small, the radio can be switched to low power in order to save battery.
- Whisper**  
This function can be enabled in quiet environment and allows you to speak quietly into the radio and still be heard clearly.
- Emergency Alert**  
Press the preset emergency key to emit emergency alarm, or send ENI or background noise to pre-defined person.

- VOX**  
Hands-free operation is available when VOX function is turned ON.
- PTT ID Encode**  
It provides identification of radio to control center, easy for communication management.
- Squelch level**  
It enable minimize interference from undesired weak signals and enable weak signals to be heard.
- Scan**  
This feature enable radio to scan each channels in scanning list by pressing function key to activate scanning , the user can detect which channel of partner in groups is available , then transmit signal to start communication .
- TOT**  
The feature allows for more efficient use of channels by limiting the amount of time of each transmission. Also, it effectively avoids radio damage because of long-time transmission.
- Busy Channel Lockout (BCL)**  
BCL is used to prevent the interference with the on-going conversation.
- CTCSS / CDCSS**  
Unique CTCSS /CDCSS is useful to setup group users to avoid unwanted conversations on the same channel.
- 25KHz/12.5KHz Switchable**  
Different channel spacing 25KHz/12.5KHz is optional to confirm with the regulations of different countries.
- Wired Clone**  
To quickly set the parameters on a radio, you can clone the radio data from another radio with the clone cable, saving the time of parameter setting.
- PC Programming**  
Frequency and various features can be set by PC programming software.



## Application

- Super market, Hotel and Restaurant**  
Easy-to-carry TH-1000 with whisper function can help you provide considerate and quick service for your customers. And VOX function can free your hands, thus you can speak into the radio when provide service to your customers.
- Property Management**  
Easy operation, clear voice, long talk time and emergency alert can help safeguard successfully handle emergencies in very short time.
- Stock, Logistics Industry**  
Rain-resistance, long talk time, coupled with monitor function will ensure effective connection and fast organization of staff in various regions, no need to worry about the unexpected cut-off of the communication.
- Manufacturing Industry**  
It passed IP54 safety examination, thus can ensure smooth and clear communication even in noisy working environment.

## Accessories

	<p><b>Antenna (UHF)</b> TH-1000U AF 40047002 (400~470MHz)</p>		<p><b>Li-ion Battery</b> BL1200 Battery Capacity: 1200mAh</p>		<p><b>Charger Adapter</b> PS10001 INPUT:100-240V~50/60Hz OUTPUT:12V 1000mA</p>		<p><b>Ear-piece Mic</b> EHK01</p>
	<p><b>Antenna (VHF)</b> TH-1000: AH13615006 (136~150MHz) AH15017406 (150~174MHz)</p>		<p><b>Charger</b> CL0603 Charge Current: 600mAh</p>		<p><b>Belt Clip</b> S03 Flexible Washer</p>	<p><b>Other:</b> HK01 (Handheld Mic &amp; Speaker) Two-inline</p>	