



General

Frequency Range	460-470 MHz
Channel Capacity	8
Channel Spacing	12.5KHz
Operating Voltage	3.6 V
Battery	1000mAh (Li-Ion)
Battery Life (5-5-90 duty cycle)	About 8 Hours
Frequency Stability	±2.5ppm
Operating Temperature	-20~+50℃
Antenna Impedance	50 Ω
Dimensions (L×W×H) (with battery, without antenna)	3.98 in. × 2.1 in. × 1.22in.
Weight (with antenna & battery)	4.76 oz.

Transmitter

RF Power Output	1W/0.5W
Modulation	8.5K Φ F3E
Spurious and Harmonics (Conducted)	≤-21.3dBm
FM Noise	≥34dB
Audio Distortion	≤10%

Receiver

Sensitivity (12dB SINAD)	≤0.251uV
Selectivity	≥50dB
Intermodulation	≥50dB
Spurious Response Rejection	≥50dB
S/N	≥45dB
Audio Power Output	≥250mW(Speaker impedance 8 Ω)
Audio Distortion	≤10%(Rated 150mW)

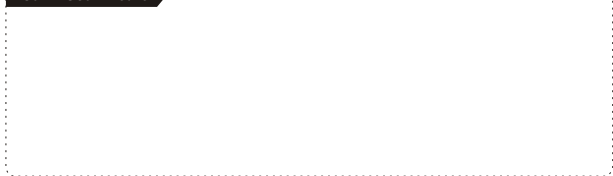
Type Acceptance

FCC	R74TC-1600
IC	5465A-TC1600

*All Specifications are tested according to TIA/EIA-603, and subject to change without notice due to continuous development.

*The pictures are for reference only, actual color are based on the real product.

Your Local Dealer



Accessories



ISO9001:2000 Certificate NO:FM 61540



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Business Radio

TC-1600



- Switchable Output Power (1 Watt / 0.5 Watt)
- Communications Range Alert
- Voice Compander
- Compact Size and Light Weight
- Alphanumeric Liquid Crystal Display

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TC-1600

Business Radio

Aimed at increasing efficiency and enhancing customer service, the HYT TC-1600 series of professional two-way radios help operations run smoother with instant, quality communications.

Simple features and compact design make the lightweight TC-1600 the right product for your workplace. Save money and get more done with the TC-1600.

Applications



- Property Management
- Hospitality
- Retail
- Restaurant
- Warehousing
- Light Industrial

Super Features

■ Switchable Output Power (1W/0.5W)

Users can switch to low power when communicating within a short range of coverage or switch to high power when further distance is required. High transmit power optimizes coverage while low transmit power conserves battery consumption, all at the user's control.

■ Communication Range Alert when activated

The radio beeps when the user is moving out of communication range.

■ Voice Componder

The voice compander feature enables crisper, clearer and stronger audio quality, allowing work groups to communicate even in noisy conditions.



■ Compact Size and Light Weight

Its compact, ergonomic design makes this TC-1600 series radio easy to hold and carry. It's so lightweight you can take it virtually anywhere.

Alphanumeric Liquid Crystal Display

The large alphanumeric display with user-friendly icons helps make information easy to understand at a glance. The illuminated display allows work groups to easily operate the TC-1600 at night and in low light work environments.

Main Features

■ Standard Lithium Ion Battery

Rechargeable Lithium Ion battery provides up to 8 hours of battery life, ensuring seamless usage throughout a typical work shift.

■ Programmable Frequencies

The TC-1600 offers flexibility, allowing you to select the right frequencies for your on-site business needs.

Main Features

■ PC Programmable

You are able to customize the features of each radio for each user.

■ Voice Operated Transmit (VOX)

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

■ Two-Pronged Accessory Jack

Leverages common audio accessories.

■ LCD Battery Gauge

Indicates battery strength levels for more effective power management.

■ Low Battery Alert

Audible tone and visual display tell you when the battery is running down.

■ Battery Save

The radio will enable the battery save feature in standby mode. Pressing any key or receiving a signal will restore the radio to normal operation.

■ CTCSS/CDCSS

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

■ Selectable Call Tones

Five selectable call tones allow you to transmit a tone to other radios in your work group to alert them you are trying to contact them.

■ Keypad Lock

Helps prevent accidental changing of your radio settings.

■ Cloning Capable

Easily copy the features of one radio to another.

■ Monitor

Allows you to monitor channels for activity.

■ Time-out Timer (TOT)

Allows for more efficient use of channels by limiting the amount of time of each transmission.

■ Channel Scan

Allows the user to monitor activities on different channels.

■ Selectable Squelch Level

Helps minimize interference from undesired weak signals and helps provide additional clarity to weaker communications.

