

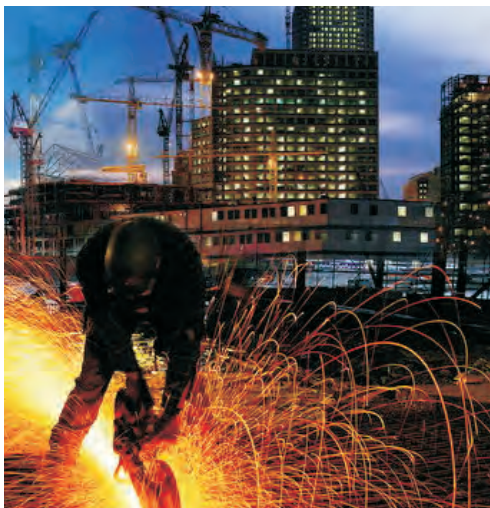
The advanced provider of professional wireless communication

HYT
AMERICA, INC.

TC-610

Professional Water Resistant Two-Way Radio

The TC-610 is ideal for construction, industrial, & other applications looking for affordable yet reliable communications in a compact & durable design. Its IP66-rated water protection make it extremely useful for jobs that may encounter wet environments during the work day or may need to wash the radio after use in a dirty environment. The TC-610 has a 2000mAh Li-Ion battery & the choice of either a yellow/black or all-black colors.



IP66-Rated Protection Against Water and Dirt

Powerful Audio and Wide Communication Range

High-Capacity 2000mAh Li-Ion Battery

All-Black Version Available for Discrete Applications

Easy-Grip Design Prevents Drops

www.hytafrica.com

TC-610

Professional Two-way Radio

Technical Highlights

- IP66-Rated Water & Dust Protection**
 Protects against water intrusion from stream of water measuring 1.6 inches.
- Unique Easy-Grip Design**
 The unique easy-grip design provides increased security against dropping.
- High-Capacity 2000 mAh Li-Ion Battery**
 TC-610 has long battery life (over 14 hours) with a high capacity battery.
- All-Black Version Available for Discrete Applications**
 The TC-610 also comes in All-Black color for when the application requires discretion such as for Casinos, Funeral Escorts, Security, and Hotels.
- Patented Battery Latch**
 The unique battery latch design prevents separation from battery when dropped.
- Voice Operated Transmit (VOX)**
 Hands-free transmit is possible, when paired with an applicable accessory.

Main Features

- High / Low Power Switchable
- Battery Save & Low Battery Alert
- Programmable Channel Spacing (Wide / Narrow Band Selectable)
- LED Battery Gauge
- Time-Out Timer
- TX Admit
- CTCSS / CDCSS Encode & Decode
- Data Operated Squelch
- Selectable Squelch Level (0-9)
- Channel Scan
- PC Programmable
- Wired Clone
- ATIS

Accessories

Standard Accessories	Antenna	MCU Charger CH10A03	Belt Clip BC12
	Li-Ion Battery (2000mAh) BL2001	Power Supply PS1037(UL)	Strap RO03

Featured Optional Accessories Note: The TC-610 uses different audio accessories than the TC-610P.

 <p>Li-ion battery (2000mAh) BL2001</p>	 <p>MCU rapid-rate multi-unit charger for Li-ion Ni-MH batteries MCA02</p>	 <p>Six-unit switching power (with UL power cord) PS7001 Vehicle Adapter CHV09</p>	 <p>Noise-Canceling Remote Speaker Microphone (IF56) SM13M1</p>	 <p>Light-weight, Behind-the-Head earpiece with in-Line PTT & VOX ECM11</p>
 <p>Noise-Canceling Remote Speaker Microphone (Antenna Applicable) SM13M2</p>	 <p>Light-weight, Single-Muff Headset with in-Line PTT & VOX ECM12</p>	 <p>Remote speaker microphone SM08M3</p>	 <p>Receive-only Earpiece with Transparent Acoustic Tube (for use with remote speaker microphone) ESS08</p>	 <p>Receive-only Earbud (for use with remote speaker microphone) ESS07</p>
 <p>Heavy weight high-quality noise-canceling & VOX headset ECM13</p>	 <p>Light Weight, Throat-Vibrating Earpiece ELM01</p>	 <p>D-earset with in-Line PTT & microphone & VOX EHM15</p>	 <p>Earpiece with on-MIC PTT & VOX & Transparent Acoustic Tube EAM12</p>	 <p>2-Wire Surveillance Earpiece with VOX & Transparent Acoustic Tube (black) EAM13</p>
 <p>Behind-the-head, noise-canceling & VOX headset ECM14</p>	 <p>Ear Canal Bone Induction Earpiece EBM01</p>	 <p>D-earset with boom microphone & in-Line PTT & VOX EHM16</p>	 <p>3-Wire Surveillance Earpiece with Transparent Acoustic Tube (black/beige) EAM16 / EAM15</p>	 <p>Earbud with in-Line PTT & VOX ESM11</p>
 <p>Earbud with on-MIC PTT & VOX ESM12</p>	<p>★ Programming Cable (COM port) PC19 Programming Cable (USB to Serial Port) PC26</p>			

General

Frequency Range (MHz)	VHF: 136-174 UHF: 400-420*, 450-470
Channel Capacity	16
Channel Spacing (kHz)	25 kHz / 12.5 kHz
PLL Channel Stepping (kHz)	5 kHz, 6.25 kHz
Operating Voltage (V)	7.4 V
RF Power Output (W)	5W/2W (VHF) 4W/2W (UHF)
Battery	2000 mAh (Li-Ion)
Battery Life (5-5-90 duty cycle)	Over 14 Hours
Frequency Stability (ppm)	± 2.5
Operating Temperature (F°)	-4° ~ +122° (F°)
Antenna Impedance (Ω)	50
Dimensions	4.68 in. x 2.16 in. x 1.30 in.
Weight (with antenna & battery)	9.70 oz.

Frequencies Marked with an Asterisk() are for Export Only.

This is not a submersible radio. Full immersion in water is not covered by warranty.

All specifications are tested according to TIA/EIA-603, and subject to change without notice due to continuous development. More detailed specs available upon request.

Recommended Applications

- Construction
- Manufacturing
- Warehousing & Industrial
- Campus & Property Management
- Hospitality & Entertainment
- Ports



Your Local Dealer

FCC Approved Bands: (136-174MHz)
 FCC ID Number R74TC-610V2
 FCC Approved Bands: (450-470MHz)
 FCC ID Number R74TC-610U2



ISO9001:2000 Certificate NO:FM 61540

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