

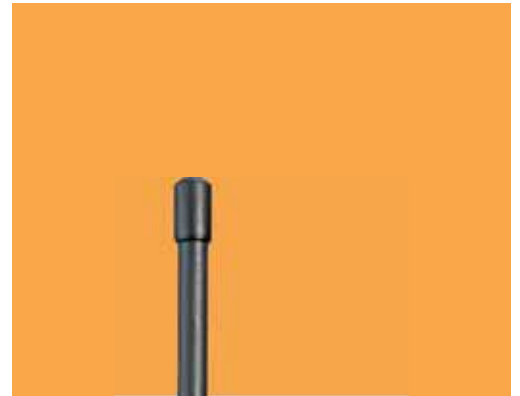
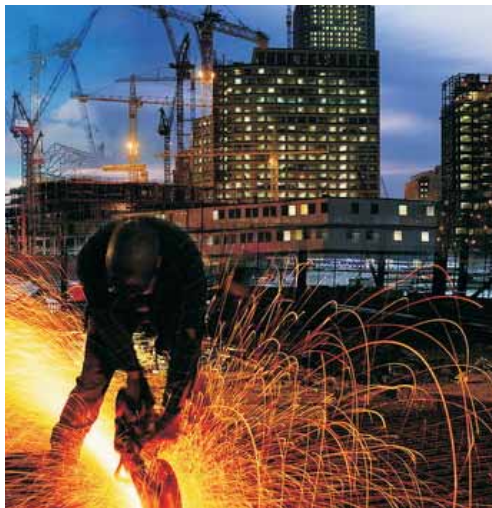
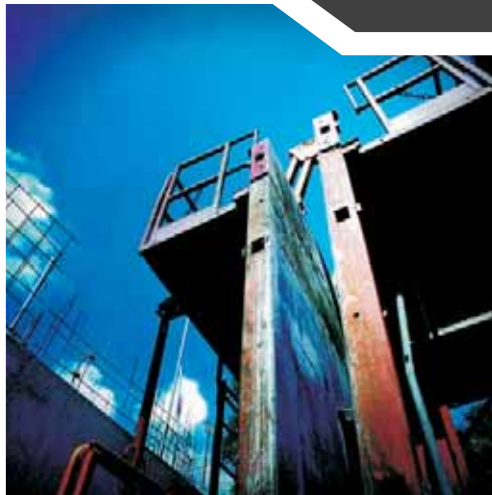
The advanced provider of professional wireless communication

**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](http://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

### 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



### Accessories

<b>Standard Accessories</b>	Antenna Li-Ion Battery (2000mAh) BL2001	MCU Charger CH10A03 Power Supply PS1037(UL)	Belt Clip BC12 Strap RO03
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### 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 MC402</p>	<p>Six-unit switching power (with UL power cord) PS1001</p>	<p>Vehicle Adapter CHV09</p>	<p>Noise-Canceling Remote Speaker Microphone (IP56) SM13M1</p>	<p>Noise-Canceling Remote Speaker Microphone (Antenna Applicable) SM13M2</p>	<p>Light-weight, Behind-the-Head earpiece with in-Line PTT &amp; VOX ECM11</p>	<p>Light-weight, Single-Muff Headset with in-Line PTT &amp; 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 &amp; VOX headset ECM13</p>	<p>Light Weight, Throat-Vibrating Earpiece ELM01</p>	<p>D-earset with in-Line PTT &amp; microphone &amp; VOX EHM15</p>	<p>D-earset with boom microphone &amp; in-Line PTT &amp; VOX EHM16</p>	<p>Earpiece with on-MIC PTT &amp; VOX &amp; Transparent Acoustic Tube (black) EAM12</p>	<p>2-Wire Surveillance Earpiece with VOX &amp; Transparent Acoustic Tube (black) EAM13</p>	<p>3-Wire Surveillance Earpiece with Transparent Acoustic Tube (black/beige) EAM16 / EAM15</p>
<p>Earbud with in-Line PTT &amp; VOX ESM11</p>	<p>Earbud with on-MIC PTT &amp; VOX ESM12</p>	<p>★ Programming Cable (COM port) PC19 Programming Cable (USB to Serial Port) PC26</p>							

### Your Local Dealer

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



**HYT America, Inc.**  
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 Web: <http://www.hyta.com>

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**HYT**  
AMERICA, INC.

# TC-610P

## Professional Water Resistant Two-Way Radio w/ Signaling

The TC-610P is ideal for firefighters, EMS, & other users 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. The TC-610P has a 2000mAh Li-Ion battery & the choice of either HDC1200 or 2-tone signaling.



- IP66-Rated Water & Dust Protection
- Powerful Audio and Wide Communication Range
- High-Capacity 2000mAh Li-Ion Battery
- Choice of 2-Tone Decode (w/ Vibrate) or HDC1200 Signaling Versions
- Enhanced Multi-Pin Connector (Compatible w/ TC-780 Audio Accessories)

[www.hytafrica.com](http://www.hytafrica.com)

# TC-610P

## Professional Two-way Radio

### Technical Highlights

- IP66-Rated Water & Dust Protection**  
 Protects against water intrusion from stream of water measuring 1.6 inches.
- 2-Tone Decode (w/ Vibrate) / HDC1200 Versions Available**  
 2-Tone Decode - Receive Select Call, Alert Call, & Alert Call w/ Voice. Includes Vibration.  
 HDC1200 PTT ID - Enables caller ID & allows user to identify incoming callers.
- High-Capacity 2000mAh Li-Ion Battery**  
 TC-610P has much longer battery life than regular TC-610 (over 14 hours).
- Multi-Pin Connector (Different Audio Accessories than regular TC-610)**  
 An enhanced multi-pin audio accessory connector strengthens its water protection & is compatible w/ TC-780 audio accessories.
- Patented Structural Design**  
 The unique grip & battery latch design provide security against dropping.
- 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
- Vibration Feature Available on the 2-Tone Version
- ATIS

### 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.

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 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

- Firefighters
- Emergency Medical Services
- Ski Patrol Emergency Rescue
- Property Management
- Coast Guard & Navy
- Construction



### Accessories

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

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

<p>Li-ion battery (2000mAh) BL2001</p>	<p>MCU rapid-charge multi-unit charger for Li-Ion/Ni-MH batteries MCA02</p>	<p>Six-unit switching power (with UL power cord) PS7001</p>	<p>Vehicle Adapter CHV09</p>	<p>Universal Nylon Chest Pack (Black) LCBN13</p>
<p>Leather Carrying Case (non-swivel) case LCBN56</p>	<p>Remote speaker microphone SM08N1</p> <p>Received only earpiece with transparent acoustic tube (remote speaker MIC used only) ESS06</p> <p>Received only earbud (remote speaker MIC used only) ESS07</p>	<p>Noise-Canceling Remote Speaker Microphone (440-470 MHz/350-390 MHz) SM13M4</p>	<p>Noise-Canceling Remote Speaker Microphone (IP56) SM13N5</p>	<p>GPS Remote Speaker Microphone SM13W7</p>
<p>3-wire surveillance earpiece with transparent acoustic tube EAN06 (beige)</p>	<p>3-wire surveillance earpiece with transparent acoustic tube EAN02 (black)</p>	<p>2-wire surveillance earpiece with transparent acoustic tube EAN07 (black)</p>	<p>Light-Weight, Single-Ear Headset with in-Line PTT ECN07</p>	<p>Light-Weight, Behind-the-Head Earset with in-Line PTT ECN06</p>
<p>Light weight, throat-vibrating earpiece ELN02</p>	<p>Ear canal bone induction earpiece EBN01</p>	<p>Heavy weight, high-quality noise-canceling headset ECN05</p>	<p>Behind-the-head heavy weight high-quality noise-canceling headset ECN09</p>	<p>Earbud with in-Line PTT ESN05</p>
<p>Earbud with on-MIC PTT ESN06</p>	<p>D-earset with boom microphone &amp; in-Line PTT EHN08</p>	<p>D-earset with in-Line PTT &amp; microphone EHN07</p>		

★ Programming Cable (COM port) PC18  
 Programming Cable (USB to Serial Port) PC25

### Your Local Dealer

FCC Approved Bands: (136-174MHz)  
 FCC ID Number R74TC-610PV  
 FCC Approved Bands: (450-470MHz)  
 FCC ID Number R74TC-610PU3



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