

The advanced provider of professional wireless communication

**HYT**  
AMERICA, INC.

# TC-610P

## Professional Two-Way Radio

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.hytamerica.com](http://www.hytamerica.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 PTT ID 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

### 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-610P uses different audio accessories than the regular TC-610.



Li-ion battery (2000mAh)  
BL2001



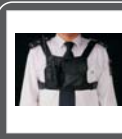
MCU rapid-rate multi-unit charger  
for Li-Ion Ni-MH batteries  
MCA02



Six-unit switching power  
(with UL power cord)  
PS7001

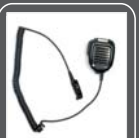


Vehicle Adapter  
CHV09



Universal Nylon Chest Pack  
(Black) LCBN13

Leather Carrying Case  
(non-swivel)  
case LCBN56



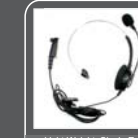
Remote speaker microphone  
SM08N1  
  
Received only earpiece with  
transparent acoustic tube  
(remote speaker MIC used only)  
ESS06  
  
Received only earbud(remote  
speaker MIC used only)  
ESS07



Noise-Canceling Remote  
Speaker Microphone (440-470 MHz/350-390 MHz)  
SM13M4  
  
Noise-Canceling Remote  
Speaker Microphone (IP56)  
SM13N5  
  
GPS Remote  
Speaker Microphone  
SM13N7



3-wire surveillance earpiece  
with transparent acoustic tube  
EAN06 (beige)  
  
3-wire surveillance earpiece  
with transparent acoustic tube  
EAN02 (black)  
  
2-wire surveillance earpiece  
with transparent acoustic tube  
EAN07 (black)



Light-Weight, Single-Ear  
Headset with in-Line PTT  
ECN07  
  
Light-Weight, Behind-the-Head  
Earset with in-Line PTT  
ECN06  
  
Light weight,  
throat-vibrating earpiece  
ELN02  
  
Ear canal bone  
induction earpiece  
EBN01



Earbud with in-Line PTT  
ESN05  
  
Earbud with on-MIC PTT  
ESN06  
  
D-earset with boom  
microphone & in-Line PTT  
EHN08  
  
D-earset with in-Line  
PTT & microphone  
EHN07

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



Heavy weight, high-quality  
noise-canceling headset  
ECN08  
  
Behind-the-head heavy weight  
high-quality noise-canceling  
headset ECN09

### General

Frequency Range (MHz)	VHF: 136-174 UHF: 400-420*; 450-470
Channel Capacity	16
Channel Spacing (KHz)	25/12.5**
Operating Voltage (V)	7.4
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.

\*\*Below 5KHz Channel Spacing Not Possible.

This is not a submersible radio. Please do not fully immerse in water.

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



#### Your Local Dealer

FCC Approved Bands: (136-174MHz)

FCC ID Number R74TC-610PV

FCC Approved Bands: (450-470MHz)

FCC ID Number R74TC-610PU3



**HYT America, Inc.**

320 International Parkway, Sunrise, Florida 33325

Tel: 800-845-1230 Fax: 954-846-1672

Web: <http://www.hytamerica.com>

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