

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



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.
- **Choice between 2-Tone Decode / HDC1200 PTT ID Version**
2-Tone Decode - User can receive Select Call, Alert Call, & Alert Call w/ Voice.
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
- Double Injection Molding
- 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



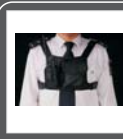
MCU rapid-rate multi-unit charger
for Li-Ion Ni-MH batteries
MCA02



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 (IP56)
SM13N5

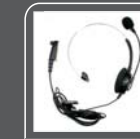
GPS Remote
Speaker Microphone
SM13N7



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



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