

## Professional Two-way Radio (IP-610)



Professional Two-way Radio  
(IP-610)

### Professional Two-way Radio (IP-610)

#### Technical Capabilities:

- Water Protection Class IP66
- Double Injection Molding
- Powerful Audio
- LED Battery Gauge
- Unique Structural Design
- High/Low Power Switchable
- Programmable 12.5KHz/25KHz
- Battery save
- Low Battery Alert
- Busy Channel Lockout
- Time-out Timer
- PC Programmable
- Wired Clone
- CTCSS/CDCSS
- Selectable Squelch Level (0-9)
- Voice Operated Transmit (VOX)

#### Technical Specifications:

##### General:

Frequency Range :

VHF: 146-174MHz,  
UHF: 400-420MHz,

Channel Capacity : 440-470MHz, 450-470MHz

Channel Spacing : 16

Operating Voltage : 25/12.5KHz

Battery : 7.5V

Battery Life (5-5-90 Duty cycle) : 1200mAh (LI-Ion)

1200mAh LI-Ion battery :

1300mAh Ni-MH battery : More than 9 hours

Frequency Stability : More than 9 hours

Operating Temperature :  $\pm 2.5$ ppm

Antenna Impedance :  $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Dimension (H x W x D) : 50Q

(with battery, without antenna) :

Weight with antenna & battery : 119mmx55mmx33mm

270g

##### Transmitter:

RF Power Output : 5W/2W(VHF) 5W/2W(UHF)

Modulation : F3E

Spurious and Harmonics :  $-36\text{dBm} < 1\text{GHz}$   $30\text{dBm} > 1\text{GHz}$

FM Noise : 40/34dBm

Audio Distortion :  $\leq 5\%$

##### Receiver:

Sensitivity : 0.25/0.28 $\mu\text{V}$

Selectivity : 70/60dB

Intermodulation :  $\geq 60\text{dB}$

Spurious Response Rejection :  $\geq 70\text{dB}$

S/N : 45/40dB

Rated Audio Power Output : 800mW

Rated Audio Distortion :  $\leq 5\%$



Forging ahead daily ✓

Web Site: [www.ieimil.ir](http://www.ieimil.ir)

E-mail: [marketing@ieicorp.ir](mailto:marketing@ieicorp.ir)