



## QP-350 PROFESSIONAL TWO-WAY RADIO



**ECONOMICAL**



- Frequency Range: 450-470 MHz UHF  
400-420 MHz UHF (Special Order Only)
- Set Up Workgroups/Users With Unique CDCSS/CTCSS Codes, CTCSS [38 Groups] / CDCSS (DCS) [83 Groups]

**VERSATILE**

- Wired Clone Feature Allows For Easy Transfer Of Features From One Radio To Another.
- VOX (Operation For Hands Free Communications)
- High Capacity 1700 mAh Li-Ion Battery
- Long Lasting Battery Life: 10+ Hours
- Follows IP-54 Standard With A High Level Of Protection Against Water Damage And Dust
- Battery, Antenna, Wall Charger, Holding Strap & Belt Clip Included Standard In Package

**RESILIENT**





## QP-350 PROFESSIONAL TWO-WAY RADIO



### FEATURES

#### High/Low Power Switchable

For each channel, the power can be adjusted through the key pre-set as either High/Low power. When the communication range is small, low power is of priority in order to save battery power.

#### Programmable 25 KHz / 12.5 KHz Channel Spacing

For future adaptability, users can program channel spacing as 25KHz or 12.5KHz through programming software.

#### CTCSS/CDCSS and Squelch Tail Elimination

38 groups standard CTCSS and 83 groups standard CDCSS available. If your radio is set with CTCSS or CDCSS, both the interference from the same frequency and the squelch tail from communication termination or carrier disappearance can be eliminated.

#### Monitor

This function is especially useful when you have a weak signal. If you hold down MONI key, the activity in the current channel can be monitored.

#### Channel Scan (Auto Scan)

When scanning is enabled, press the side key to start quick scan for all the channels in the scan list. The scan will stop or pause at the channel where a signal is detected.

#### Audio Compressor

With advanced audio compressor technology, ensure users superb audio quality.

#### Scrambler

This function is used for audio encryption, which can further secure the safety of communication. Radios without this function are unable to receive real audio.

#### VOX

If VOX (Voice-Operated Transmit) is programmed in your radio, you can communicate through your VOX earpiece to enjoy hands-free operation.

#### Busy Channel Lockout (BCL)

BCL can prevent a radio from receiving any unconfirmed signal and transmitting signal to any busy channel, keeping the channel clean and free of interference.

#### Time-out-timer (TOT)

This function is used to avoid time-out occupation of a channel. TOT restricts the maximum duration of each transmission, which can not only save battery power but also reduce the channel block time.

#### Long Battery Life

The 1700mAh high capacity Li-ion battery can secure a battery life up to 10 hours.

#### Battery Strength Indicator

Just through a key-press, you can enjoy the convenience of knowing the current battery strength from the color of LED indicator.

#### Low Battery Alert

Radio will alert users to charge the battery when it runs low.

#### Auto Battery Save

Radio enters "Battery Save" mode when no signal is received or there is no operation on the radio. This can prolong the battery life by lowering the battery consumption.

#### PC Programmable

This function enables users to program the radio's frequency and other function settings without disassembling it.

#### Wired Clone

Users can clone the function parameter of a radio to another radio through the clone cable, requiring no PC programming operation.

#### Embedded message & Electronic Serial Number

The radio can store records for maintenance or history keeping. The electronic serial number makes the unit identifiable even if the radio's tag with the serial number is lost or removed.

#### PC Tuning

Simplifies maintenance of the radio and tuning of the radio by allowing both to be done via a PC.

#### GENERAL

Frequency Range

Channel Capacity

Channel Spacing

Operating Voltage

Battery

Battery Life

Frequency Stability

Operating Temperature

Antenna Impedance

Dimensions (HxWxD)

Weight

#### GENERAL

450-470 MHz UHF

400-420 MHz UHF (Special Order Only)

16

25 / 12.5 KHz

3.7V

1700 mAh (Li-Ion)

10+ Hours

+ 2.5 ppm

-4°F to +131°F (-20°C to +55°C)

50Ω

4.33in x 1.97in x 1.18in (110mm x 50mm x 30mm)

4.97oz (141g)

#### TRANSMITTER

RF Power Output

Modulation

Spurious & Harmonics

FM Noise

Audio Distortion

#### TRANSMITTER

2 W / 0.5 W

16KΦF3E / 8KΦF3E

< -36dBm

40dB (W) / 35dB (N)

≤ 5%

#### RECEIVER

Sensitivity

Selectivity

Intermodulation

S/N

Rated Audio Power Output

Rated Audio Distortion

#### RECEIVER

0.20 (W) / 0.25μV (N)

65 (W) / 55dB (N)

60dB

> 45dB (W) / 40dB (N)

400mW

≤ 5%



FCC ID Identifier: XMHQP-350-U2

Canadian IC Number: 8502A-QP350U2



## ACCESSORIES

Interlocking Multi-Charger

for QP-350



\*Interlock multiple chargers to easily create a QP-350 charging station.

AUDIO ACCESSORIES ALSO COMPATIBLE WITH QP-650, QP-725 & QP-750 TWO-WAY RADIOS

