



- 7 Watts Tx Power
- Torch Light
- 2200 mAH Battery

# H 450A

## PROFESSIONAL TWO-WAY RADIO

Ideally suited for large factories, multi storey buildings and infra companies.

## MAIN FUNCTIONS

- High bright flash light (Upto 7W power)
- 48 hrs talk time with 2200 mAh battery
- Water resistant and Dust proof IP54
- Mil Std 810, C, D, E
- Auto power save
- Whisper mode & noise cancelling
- Auto scan
- Nuisance channel delete
- VoX (Voice activated transmission)





## 01 - HIGH BRIGHT FLASH LIGHT

It brings convenience to users in special applications, such as working in the darkness.

## 02 - WATER & DUST RESISTANT

The radio is designed to operate in extreme temperature and rains. Complies with Ingress Protection Class IP54 and MIL STD - 810 C, D, E

## 03 - WHISPER

This feature can be enabled in quiet environment and allows you to speak quietly into the radio and still be heard clearly.

## 04 - PROGRAMMABLE SIDE BUTTONS (2Nos)

Hi/Lo Power: for short distance communication the radio can be kept on low power to increase the talk time.

Channel Scan: To automatically lock on channel on which communication is in progress.

VoX On/Off: No need to press the button to talk. Transmissions starts automatically when the user starts speaking.



01 - Large Positive Action Press to Talk (PTT) button ensures the radio can be operated even with the leather gloves on.

02 - Large diameter speaker (40mm) gives crystal clear voice. Easy to use in noisy environment.

03 - Anti Slip grooves on a matt finished body ensures the radio does not slips and falls even when the body has become slippery with oil and water.

# SPECIFICATIONS

## GENERAL

### Frequency Range

UHF: 350 - 390MHz

### Channel Spacing

25.0kHz / 12.5kHz

### Operating Temperature

-35~60C

### Operating Voltage

7.4V

### Weight

252 grams

### Channel Capacity

16 (15+S)

### Frequency Stability

±2.5PPM

### Antenna Impedance

50Ω

### Dimension (H×W×D)

118 x 55 x 34 mm

### Battery

22200mAh (Li-Poly)

## TRANSMITTER

### RF Power (H/L)

VHF/UHF: 7W/5W/4W/1W Adjustable

### Modulation Type

16kΦF3E / 8kΦF3E

### Modulation Limiting

±5KHz / ±2.5KHz

### FM Distortion

≤5%

### Residual FM

-45dB / -40dB

### Adjacent Channel Power

-70dB / -60dB

### Spurious and Harmonics

≤-36dBm

## RECEIVER

### Sensitivity

0.22uV / 0.25uV

### Adjacent Channel Selectivity

70dB / 60dB

### Intermediation Reject Ratio

65dB

### Spurious Response Reject Ratio

70dB

### S/N

45dB / 40dB

### Rated Audio Power Output

2W(2000mW)

### Rated Audio Distortion

≤5%

## IN THE BOX



Drop in Charger



Wall Adaptor



Belt Clip



Antenna VHF/UHF



22200mAh - Li-Poly battery  
for a long life.

## Talk *PRO*

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