

Talk PRO

H350Plus Professional Two-way Radio

General

Frequency Range	VHF: 136~174MHz UHF: 350-390MHz; 400-470MHz; 470-520MHz
Channel Capacity	16(15+S)
Channel Spacing	25.0KHz/ 12.5KHz
Frequency Stability	≤±2.5 ppm
Operating Temperature	-35~+60°C
Antenna Impedance	50 Ω
Operating Voltage	7.4V
Dimension (H×W×D)	118X55X34mm
Weight (with antenna & battery)	252g
Battery	2000mAh (Li-Poly)

Transmitter

RF Power (H/L)	UHF: 4W/1W VHF: 5W/1W
Modulation Type	16kF3E/ 8kF3E
Modulation Limiting	5KHz / 2.5KHz
FM Distortion	≤5%
Residual FM	-45dB / -40dB
Adjacent Channel Power	-70dB / -60dB
Spurious and Harmonics	≤-36dBm

Receiver

Sensitivity	0.22μV / 0.25μV
Adjacent Channel Selectivity	70dB / 60dB
Intermodulation Reject Ratio	65dB
Spurious Response Reject Ratio	70dB
S/N	45dB / 40dB
Rated Audio Power Output	1.5W
Rated Audio Distortion	≤5%

Multi-Function Super value



Talk PRO

Address: 102, Spur Tank Road, Chetpet Chennai 600 031
Phone: 044-4280 9000 Fax: 044-4280 9100
Email: enquiry@talkpro.in

www.talkpro.in



All rights are reserved to Talk PRO. Pictures shown in this manual are for your reference only, if there is fluctuation, according to the real object, please.

Your Local Dealer

Main Features

- Fashionable Outline & Unique Structure Design
- Meet MIL-STD810 C/D/E/F,IP67
- Noise Immunity
- Vibration Prompt
- Unique Battery Lock
- Superior Audio with 40mm-diameter Speaker
- 2000mAh Li-Poly Battery



H350Plus

Talk PRO H350Plus is a high-end professional two-way radio designed for tough environment. Embedded with fashionable outline, powerful performance, superior audio, compact structure, noise squelch, channel selector lock, dust & water protection class IP67 and emergency alert, H350Plus is very suitable for users working in noisy, moist and dusty environment.

Main Features

Dust & Water Approval Class IP67

H350Plus is designed with IP67 protection, which allows users to immerse the radio into water.

Noise Immunity

Using special filtering techniques to eliminate environmental noise and noise immunity can reach 40dB. You can have a clear call even in very noisy environment.

Vibration Prompt

Call prompts can be set to sound or vibration mode.

Unique Battery Lock

Double security battery lock design makes the radio anti-fall, stable and reliable.

Ultra-low Temperature Work

Low temperature durable, it can be used in -35°C environment.

Superior Audio and Super-long standby time

40mm-diameters speaker provides high quality voice. 2000 mAh Li-Poly battery ensures long communication time.

3 Programmable Keys

3 programmable keys can be programmed as desired functions by user.

Main Functions

Scan

Time-control scanning and carrier scanning.

6 Singaling

H350Plus embeds CTCSS, CDCSS, DTMF, 2-Tone, 5-Tone and QDC1200 signaling. 5-Tone can be used to realize remote stun/kill/revive. QDC1200 contributes to individual/group call.

PTT ID

Press or release PTT key to send out ID code with this function on, it is helpful to other radio's identification and the management of control center.

25 KHz/12.5 KHz switch

Users can set the channel spacing between 25KHz and 12.5KHz. It is easy for users apply the radio in different situation.

3 Programmable Keys

Programmable keys SK1, SK2, TK can be programmed as call, alert, monitor, noise squelch, scan, VOX, power check, vibration prompt, flashlight and some other desired functions by user.

Multi-language support & Voice prompt

H350Plus supports Multi-language, which can be used in most countries in the world. Voice prompt function help users finish work in dark environment.

Emergency Alert

In case of emergencies or unexpected events, the radio will send

alarm immediately while pressing the alarm button, the background or ID code can be secretly sent out to the predefined person.

Working Alone

Working Alone mode ensures users could be safe in tough or dangerous working environment. The radio will start alarming if the preset period has expired. Users can stop alarming by pressing the safe key.

VOX

Hands-free operation is available when VOX function is turned ON.

High/Low Power Switch

The radio working power can be switched between high and low power. Users can choose the proper working according to the talk distance.

Reverse Frequency

This function can keep communication with other radios when trunks closed or over its working range.

TOT

The feature allows for more efficient use of channels by limiting the amount of time of each transmission. Also, it effectively avoids radio damage because of long-time transmission.

BCL

BCL is used to avoid the interference with the ongoing conversation by preventing from sending signal to a busy channel.

Auto Battery Save

When channel is not busy or no operation for 12 seconds, the power saving function will be on automatically. The radio itself turns on and off from time to time to save its power. The on/off time could be set by software.

Wired Clone

Clone the radio data from another with the clone cable to make the same parameters setting to the other radios.

PC Programming

Frequency data, function parameter and signaling can be set by PC programming software.



Application

Construction industry

Large speaker and noise squelch with special filtering can ensure clear audio even under noisy working environment. Its dust & water protection can prevent the radio from water or dust damage. Unique battery lock and emergency alert enable it to fulfill the needs of construction industry.

Ports & Logistics

It is unavoidable from dust and moist when working in ports and Logistics industry. It is difficult to maintain the radio if it gets dirty. With IP67, Users can wash the dust off by water without causing any damage to the radio.

Public Safety, Railway, Forestry Fire Protection, Property Managing & Enterprise Safety

Easy operation and clear voice bring great convenience to your communication. Coupled with emergency alert, it is useful for safeguard to ask for help and handle the emergencies in time.

Accessories



Antenna (UHF)
H350Plus (350-390MHz)
H350Plus (400-470MHz)
H350Plus (470-520MHz)



Li-Poly Battery
BP2000
Battery Capacity:
2000mAh



Charger Adapter
NLB100120W1U
INPUT:100-240V~50/60Hz
OUTPUT:12V 1000mA



Ear-piece Mic
EHK02



Antenna (VHF)
H350Plus (136-174MHz)



Intelligent Charger
CL0605
Charge Current:
600mAh



Belt Clip
S05
Elastic Medium

Other:
HK01 (Handed Mic & Speaker)
Two-inline