

Q&A

1. Can we use existing accessories on the new HP series?

Programming cable

The programming cable of HP6/HP7 is not compatible with PD6/PD7 series, although the programming interface of HP6/HP7 series is 13-pin.

The programming cable of HM782/HR1062 is compatible MD782/RD982.

Antenna

HP6 antenna is compatible with PD7 series.

HP7 antenna is not compatible with PD7 series but is compatible with PDC760 antennas.

Charger

HP6/HP7 series chargers (single & multi bay) are compatible with PD6/PD7 series – however it is only supported to charge up to 80%

Battery

HP6/HP7 batteries are not compatible with PD6/PD7 series.

Audio

HP6/HP7 audio accessories are compatible with PD6/X1 series

HM7 audio accessories are compatible with MD782

2. Is the CPS software compatible with the old product?

After the release of the new CPS, it will be compatible with the PD series, which will be supported on the R9.0 & R9.2 versions.

3. Can the CPS file of the old product be converted and import to the HP series?

No, it cannot. The two platforms are completely different software architectures, and the CPS file doesn't support cross-writing.

4. Compared with HP6, what extra features does HP7 have?

The HP7 series has more features and higher configuration than the HP6 series, so the target market is different.

- Larger screen display (2.4 VS 1.8)
- Supports digital trunking mode, Tier 3
- Emergency alarm keys
- Supports TF card for encryption or recording

5. What is the difference between the HR1062 with and without co-processor?

The enhanced version with co-processor offers performance enhancement and more powerful functions. It adopts a simpler and easier Web-based management. The enhanced version supports routing and SIP phone gateway. The enhanced version supports Web-based management.

6. Does HM782 support split and dual-control head?

HM782 can support single or dual control head split installation. We will provide the corresponding split installation kit as an optional accessory. The cable of the split control head has options of 3m to 40 meters, which can facilitate users to flexibly handle various & complex installation scenarios. The connector is smaller than previous models, which is a 10pin small aviation head. The cable is also thinner, almost slightly thicker than an ordinary network cable, which is easier for installation.

7. What is the USB port used for on the HR1062?

Compared with the previous-generation repeater, a standard USB interface has been added. With the USB interface, the HR1062 can be connected to more external devices, thereby expanding more USB-based applications. For example, it can be expanded for an upgrade solution, recording storage, or wireless network card based on USB. The universal and open USB interface reduces the cost and facilitates connection and integration between the repeater and peripheral devices.

8. Why does the HP portable use the design of the single knob and right hand side antenna?

Thin and light products are the constant pursuit of users. The new generation of handheld terminals focus on thinness and simplified control, adopting an innovative two-in-one single-knob design, which optimizes the headspace design while the product becomes lighter and thinner. The size of the top indicator and emergency alarm button has been increased to provide users with a new experience. With the precipitation of technology, we have optimized the RF performance of the new generation of handheld terminals. The RX sensitivity of the product is significantly improved by reducing the front-end link loss and optimizing the back-end demodulation capabilities.

9. Why does the HP6 series not adopt the metal frame design of the PD6 series?

The metal middle frame design and the plastic middle frame design have their own advantages. After comprehensive comparison of all aspects, we choose to provide users with better sound, better communication range (receiving sensitivity) and a lighter body on HP6.

10. What are the advantages of AI-based noise cancellation technology compared with ordinary noise cancellation technology?

a. Based on AI intelligent noise reduction algorithm, with a large number of noise types in different scenarios used in training, it can be applied to various noise environments to achieve the effect of good noise reduction.

b. The noise reduction performance is good. The noise suppression can reach 30DB, and the voice and noise separation technology has a weak suppression on the human voice(1dB). Ordinary noise reduction technology only can achieve noise reduction of 4DB

c. 1-10 noise reduction levels for users to flexibly adjust according to different scenarios, the larger the number, the higher the noise suppression. In some scenarios, users may need to analyze some environmental situations through the noise of the background, so the noise reduction level cannot be adjusted too high.

d. Effectively reduce the terminal roar under the close range, to ensure that close range (30cm) will not produce a roar.

11. What is the Ethernet port used for in the HM782?

- a. Multiple HM7 can also be supported to as IP interconnection, which can be used for some industrial and commercial users to build a small communication network. It is cost effective, and currently can support about 30 HM7.
- b. Connect to the dispatching platform, used as dispatching station terminal.
- c. Expansion is more convenient, and secondary development based on the network port will be easier.

12. What functions can Bluetooth programming provide?

- a. Install the Bluetooth programming APP on the android phone, then set up the Bluetooth connection to the terminal and it will allow the device to read the configuration profile from the terminal. Some common parameters (channels, contacts, etc.) can be programmed to the device.
- b. It is also possible to transmit the cps template to the phone via computer, or get the template from the MDM, and then directly write the template to the terminal via Bluetooth;

13. What are the enhancements in the UI design of HP78X?

- a. The standby interface supports notification preview, a more convenient to check messages
- b. New menu setting design, a more convenient set up for operation
- c. Four pre-set profiles to switch between (standard, meeting, outdoor, hidden), which can adjust the prompt sound volume, speaker volume, display brightness and other parameters, to facilitate flexibility to switch profiles according to different scenarios.

14. What is the power consumption of HR1062?

The power consumption of the HR1062 is the same as RD982S, maximum 163.2W

15. Does HP6/HP7 support BT position or BT patrol?

Yes, HP6/HP7 support BT position or BT patrol

16. What is the difference between IP transit (HM782 based) and IP connect (Repeater based)?

- a. IP transit doesn't support local voice repeat.
- b. IP transit only supports one path of voice call.

17. Does HP6/HP7 series support to be used on Smartdispatch, Smartone for XPT and Smartonedispatch?

Yes, all supported.

18. Does HR1062 support the use of XNMS as network management software? Can HR1062 be added on to the RD982S repeater network?

Yes, it is supported to use XNMS to manage a network mixed with RD982S and HR1062.