

## Yealink W52P(H) Frequently Asked Questions

### 1、 What is Yealink W52P?

Yealink W52P is a SIP Cordless Phone System designed for small business and SoHo. The communication system combine the benefits of wireless communication with rich business features of Voice over IP telephony. you can quickly and easily add up to 5 cordless handsets to a single base station. User can benefit from lifelike voice communications, multi-tasking convenience, professional features like intercom, transfer, call forward, 3-way conferencing, PoE etc.

### 2、 What is Yealink W52H?

W52H is the additional Cordless Handset, The W52H is perfect to use with the W52P and can be expanded up to a total of 5 cordless handsets by adding the W52H cordless handsets. But we have special version for different countries, different versions of W52P(H) can't be used in conjunction with each other.

### 3、 What network protocols are supported by the Yealink W52H phone?

DECT/CAT-iq2.0 , SIP

### 4、 What is DECT?

DECT stands for “Digital Enhanced Cordless Telecommunications” and denotes a radio technology suited for voice data and networking applications. Using a wireless radio within the handset utilizing a specific range of airwave frequencies to connect to a base station. The base station acts as the gateway to the telephone fixed network.

### 5、 What is CAT-iq?

CAT- iq stands for Cordless Advanced Technology, as the new cordless phone standard, focuses on high quality Audio VoIP (wideband) as well as low bit - rate data applications.CAT- iq 1.0 which provides basic wideband voice, then CAT- iq 2.0, which supersedes and includes CAT- iq 1.0 wideband voice service, providing additional voice related services. More information: [CAT-iq White Paper](#)

### 6、 How does CAT-iq differ from DECT ?

CAT-iq is based on the regulatory framework of the mature and reliable DECT technology. It is fully backward compatible to DECT GAP.

### 7、 Is DECT the same as WiFi?

No. DECT as a wireless telephone standard was designed with voice in mind. WiFi is a wireless network standard originally designed for data use. As a result, DECT provides robust voice features such as high call clarity, larger range than WiFi access points, greater talk time and batter life, paging, intercom, handset-to-handset calls and many other voice related benefits. WiFi has been used to carry voice over networks , however, WiFi as it is called carries heavy overhead on each data packet, needs specialized software to manage network authentication, authorization and accounting, and is subject to latency, jitter and dropped audio sound.

### 8、 Does DECT interfere with WiFi?

No. DECT and WiFi use different frequency ranges.

- 9、 **Which radio spectrum does W52P support now ?**  
1880-1900MHz(EU); 1920-1930MHz(US); 1880-1895MHz (Taiwan); 1790-1800MHz(Korea); 1910-1930MHz (Brazil)
- 10、 **If the American version W52P(H) can be upgraded to European version?**  
No, and the converse is also true, the European version W52P(H) cannot be upgraded to American version.
- 11、 **What is the wireless range of the W52P?**  
The access point covers roughly 50m(150 ft) indoors and approx. 300m(1000 ft) outdoors (depending on the actual topology of a building and/or outdoor premise).
- 12、 **Can W52P wireless range be extended?**  
Users requiring mobility in larger range can pair the W52P With a DECT repeater to extend the signal coverage according to your needs.
- 13、 **When a repeater losses the connection with a basestation due to a power cycle , How many time does the repeater tries to reconnected and at what interval?**  
Repeater tries to continually reconnect basestation. Once basestation re-up electricity, the repeater would connect with basestation in an instant.
- 14、 **Is the W52P tested and certified on any SIP PBX hardware?**  
Yes, this system can works with many major PBX manufacturers, like Broadsoft, Asterisk, 3CX, DATUS, Elastix, EPYGI, STARFACE and Switchvox.
- 15、 **What codecs are supported by the Yealink W52P?**  
Wideband codec: G.722  
Narrowband codec: G.711μ/A, G.723, G.726, G.729, iLBC
- 16、 **What is USB connector on the back of DECT handset?**  
It's a mini USB port, for upgrading your handset firmware. You need a USB cable before the upgrade process. The USB cable not included with your W52P, for more information on purchasing a USB cable, contact your reseller.
- 17、 **What do ECO Mode and ECO Mode+  
ECO Mode**  
Reduces the radiation of the base and handset during talking. using Eco mode, handset talking time is increased.  
**ECO Mode+**  
When you activate ECO Mode+, the radiation of the base and handset is switched off automatically and only turns on when call are made. But handset standby time is reduced.
- 18、 **The cycling life of rechargeable NiMH batteries ?**  
They can endure 500 cycles of charging and discharging.