

## Yealink W60P Frequently Asked Questions

### 1. What is Yealink W60B?

Yealink W60P is a SIP Cordless Phone System designed for small and medium-sized businesses. Paring with up to a total of 8 Yealink W52H/W56H DECT handsets, it allows you enjoy superb mobility and efficient flexibility immediately as well as significantly eliminates additional wiring troubles and charges. To provide a better and higher performance, this DECT IP phone not only supports up to 8 VoIP accounts and 8 concurrent calls, but also speeds up its startup and signal connection, slashes its upgrade downtime as well.

### 2. What is Yealink W52H/W56H?

The W52H is cordless handset designed for business use. And W56H is the next-generation wireless handset designed for business use with excellent battery life and high compatibility. W52H and W56H are both support to use with the W60B and can be expanded up to a total of 8 cordless handsets.

Note that we have special version for different countries, different versions of handset & base station can't be used in conjunction with each other.

### 3. What network protocols are supported by the Yealink W52H/W56H phone?

**W52H:** DECT/CAT-iq2.0 , SIP

**W56H:** 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 Wi-Fi?

No. DECT as a wireless telephone standard was designed with voice in mind. Wi-Fi 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 Wi-Fi access points, greater talk time and batter life, paging, intercom, handset-to-handset calls and many

other voice related benefits. Wi-Fi has been used to carry voice over networks, however, Wi-Fi 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 Wi-Fi?**

No. DECT and Wi-Fi use different frequency ranges.

**9. Which radio spectrum does W60B support now?**

1880-1900MHz(EU); 1920-1930MHz(US)

**10. If the American version W60P can be upgraded to European version?**

No, and the converse is also true, the European version W60P cannot be upgraded to American version.

**11. What is the wireless range of the W60B?**

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 W60B wireless range be extended?**

Users requiring mobility in larger range can pair the W60B with a DECT repeater (RT10/RT20/RT20U) to extend the signal coverage according to your needs.

**13. When a repeater losses the connection with a base station due to a power cycle, How many time does the repeater tries to reconnected and at what interval?**

Repeater tries to continually reconnect base station. Once base station re-up electricity, the repeater would connect with base station in an instant.

**14. Is the W60B tested and certified on any SIP PBX hardware?**

Yes, this system can work with many major PBX manufacturers, like Broadsoft, Asterisk, 3CX, DATUS, Elastix, EPYGI, STARFACE and Switchvox.

**15. What codecs are supported by the Yealink W60B?**

Wideband codec: Opus, G.722

Narrowband codec: PCMU, PCMA, G.726, G.729, iLBC

**16. 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.

**17. The cycling life of rechargeable Lithium-ion batteries?**

About 400-1000 cycles of charging and discharging, and the battery capacity dropping linearly to 80% over 400 cycles.