

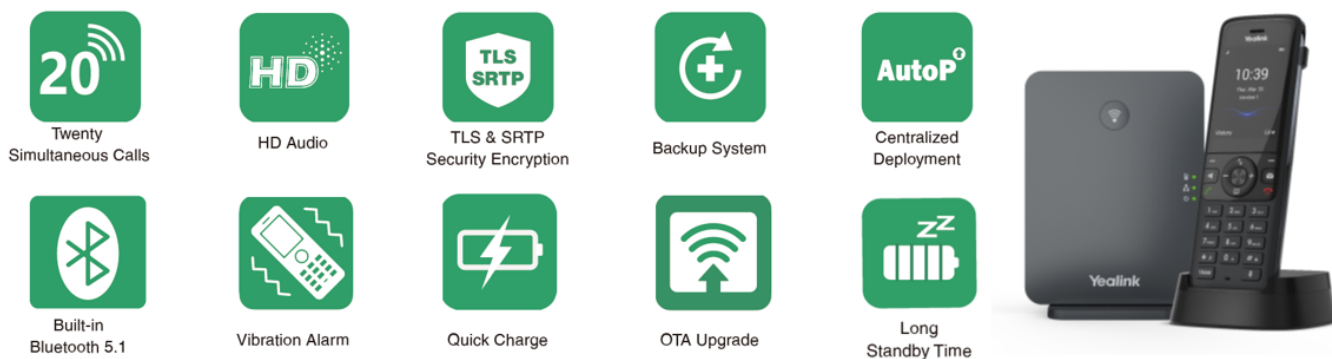
# Yealink W78P Datasheet

## Yealink DECT IP Phone

The Yealink W78P, a high-performance SIP cordless phone system that can register 10 Yealink DECT W78H handsets, is ideal for small and medium-sized businesses. It features more functions, lines, and mobility. It supports up to 10 SIP accounts and 20 simultaneous calls, improving signal strength and responsiveness to provide a stable and good experience for your mobile communications. What's more, you can enjoy maximum freedom and flexibility with W78H. You can choose a Bluetooth or wired headset on your demand, with Bluetooth 5.1 and a 3.5 mm headset jack. Thanks to the vibration alarm, you are guaranteed not to miss any call, even in noisy and stressful situations.

You can enjoy crystal-clear voice calls because of the new Noise Cancellation technology. W78P consistently delivers excellent and professional audio quality in both high-bandwidth and poor network conditions. It brings seamless call management for users by combining DECT technology with SIP capabilities, and you can also talk on the phone while walking. You can enjoy the convenience of wireless communication anytime, anywhere, and the extensive benefits and feature richness of IP voice phones.

The Yealink DECT IP phone W78P supports efficient provisioning and effortless mass deployment with Yealink's Redirection and Provisioning Service (RPS) and Boot mechanism to help you realize the Zero Touch Provisioning without any complex manual settings, which makes it simple to deploy, easy to maintain, and upgrade, saving even more time and IT costs for businesses.



## Key Features and Benefits

- High-performance SIP cordless phone system
- 2.4" 240 x 320 TFT color screen with intuitive user interface
- Up to 20 simultaneous calls
- Up to 10 DECT cordless handsets
- Up to 10 SIP accounts
- Flexible Noise Reduction (FNR)/Noise Cancellation
- Up to 21-hour talking time (in ideal conditions)
- Up to 166-hour standby time (in ideal conditions)
- Quick charging: 10-minute charging time for 2-hour talking time
- TLS and SRTP security encryption
- Vibration alarm guarantees you do not miss any call, even in noisy situations
- Wall-mountable charger
- Maximum DECT radio coverage: 50 meters indoors, 300 meters outdoors
- Energy-saving ECO features
- DECT technology: Yealink DECT technology focuses on high-quality Audio VoIP (wideband) and bit-rate data applications. However, we are incompatible with third-party DECT devices (base station, handset, etc.).

## Specifications






Specifications	Description
<b>Phone Features</b>	<ul style="list-style-type: none"> <li>• Up to 20 simultaneous calls</li> <li>• Up to 10 handsets</li> <li>• Up to 10 SIP accounts</li> <li>• Up to 2 simultaneous calls per handset</li> <li>• Up to 6 repeaters per base station (RT30)</li> <li>• Vibration alarm</li> </ul>

	<ul style="list-style-type: none"> <li>• Alarm functions: push-button</li> <li>• Handset selection for receiving a call</li> <li>• Handset and number selection for placing a call</li> <li>• Paging, intercom, auto answer, dial plan</li> <li>• Call hold, call transfer, 3-way conference</li> <li>• Switching between calls</li> <li>• Call waiting, mute, silence, DND</li> <li>• Caller ID with name and number</li> <li>• Anonymous call/Anonymous call rejection</li> <li>• Call forward: Always/Busy/No Answer</li> <li>• Speed dial/Voice mail/Redial</li> <li>• Message Waiting Indication (MWI)</li> <li>• Music on hold (server-based)</li> <li>• Local phonebook for up to 1000 entries (stored in the base)</li> <li>• Remote phonebook/LDAP/XML phonebook</li> <li>• Phonebook search/import/export</li> <li>• 100 call history per handset: All/Placed/Missed/Received</li> <li>• Direct IP call without SIP proxy</li> <li>• Reset to factory, reboot</li> <li>• Keypad lock, emergency call</li> <li>• BroadSoft directory, BroadSoft call log</li> <li>• Broadworks feature key synchronization</li> <li>• Shared Call Appearance (SCA)</li> <li>• XML browser</li> <li>• Action URI</li> </ul>
<b>Personalization</b>	<ul style="list-style-type: none"> <li>• 9 ringer melodies</li> <li>• Screen saver</li> <li>• Multilingual user interface</li> </ul>

<b>Management</b>	<ul style="list-style-type: none"> <li>• Auto-provision via TFTP/FTP/HTTP/HTTPS/RPS</li> <li>• Auto-provision with PnP</li> <li>• Handset upgrade: OTA (Over-The-Air)/No Perception Upgrade</li> <li>• Configuration: browser/phone/auto-provision</li> <li>• Trace package and system log export</li> </ul>
<b>Audio Features</b>	<ul style="list-style-type: none"> <li>• Full-duplex speakerphone</li> <li>• Hearing Aid Compatibility (HAC) compliant</li> <li>• FNR (Flexible Noise Reduction)/Noise Cancellation</li> <li>• Receiver volume control: 5 steps</li> <li>• Ringer volume control: 5 steps+off</li> <li>• Multiple advisory tones</li> <li>• Acoustic warning for low battery status</li> <li>• DTMF</li> <li>• Wideband codec: AMR-WB (optional), G.722</li> <li>• Narrowband codec: PCMU, PCMA, G.726, G.729, G.729A, iLBC</li> <li>• VAD, CNG, AGC, PLC, AJB</li> <li>• AEC</li> <li>• Support VQ-RTCPXR (RFC6035), RTCP-XR</li> </ul>
<b>Network Features</b>	<ul style="list-style-type: none"> <li>• SIP v1 (RFC2543), v2 (RFC3261)</li> <li>• SNTP/NTP</li> <li>• VLAN (802.1Q and 802.1P)</li> <li>• 802.1x, LLDP</li> <li>• STUN Client (NAT Traversal)</li> <li>• UDP/TCP/TLS</li> <li>• IP assignment: Static/DHCP</li> <li>• Support outbound proxy server backup</li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• Open VPN</li> </ul>

	<ul style="list-style-type: none"> <li>• Transport Layer Security (TLS)</li> <li>• HTTPS (server/client), SRTP (RFC3711)</li> <li>• Digest authentication</li> <li>• Secure configuration file via AES encryption</li> <li>• Support SHA256/SHA512/SHA384</li> <li>• Three-level configuration mode: Admin/Var/User</li> </ul>
<b>DECT</b>	<ul style="list-style-type: none"> <li>• Frequency bands: 1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US)</li> </ul>
<b>Interface</b>	<ul style="list-style-type: none"> <li>• 1 x RJ45 10/100M Ethernet port</li> <li>• Power over Ethernet (IEEE 802.3af), Class 1</li> </ul>
<b>Physical Features</b>	<ul style="list-style-type: none"> <li>• Indoor Range: 50 m (in ideal conditions)</li> <li>• Outdoor Range: 300 m (in ideal conditions)</li> <li>• Battery of W78H (V0): <ul style="list-style-type: none"> <li>- 1010 mAh, Lithium-ion, 3.7 V, 3.73 WH</li> <li>- Up to 21 hours of talk time (in ideal conditions)</li> <li>- Up to 166 hours of standby time (in ideal conditions)</li> </ul> </li> <li>• Battery of W78H (V1-V3): <ul style="list-style-type: none"> <li>- 1010 mAh, Lithium-ion, 3.7 V, 3.73 Wh</li> <li>- Up to 21 hours of talk time (in ideal conditions)</li> <li>- Up to 320 hours of standby time (in ideal conditions)</li> </ul> </li> <li>• Battery of W78H (V4): <ul style="list-style-type: none"> <li>- 3 × 3.7 V 350 mAh (1.295 Wh), Lithium-ion</li> <li>- Up to 21 hours of talk time (in ideal conditions)</li> <li>- Up to 320 hours of standby time (in ideal conditions)</li> </ul> </li> <li>• 2.4" 240 x 320-pixel TFT color screen</li> <li>• Desktop or wall mountable</li> <li>• LCD backlight, key backlight</li> <li>• Energy-saving ECO mode/ECO Mode+</li> </ul>

	<ul style="list-style-type: none"> <li>• Backlight keypad with 25 keys: <ul style="list-style-type: none"> <li>- Standard ITU telephone keypad, 12 keys, 4x3, with star and pound/hash key</li> <li>- 5 navigation keys (left, right, up, down, OK)</li> <li>- 2 softkeys</li> <li>- 6 function keys (Speaker, message, Off-hook, Cancel, TRAN, Mute)</li> <li>- 3 side keys (volume up/down, alarm)</li> <li>- 6 shortcut keys</li> </ul> </li> <li>• Three LED indicators on W70B: <ul style="list-style-type: none"> <li>- 1 x Registration LED</li> <li>- 1 x Network Status LED</li> <li>- 1 x Power Indicator LED</li> </ul> </li> <li>• External Yealink AC adapter: AC 100-240 V Input and DC 5 V/600 mA Output</li> <li>• Color: <ul style="list-style-type: none"> <li>- Handset: Black ;</li> <li>- Base: Classic Grey</li> </ul> </li> <li>• Handset size: 157 mm x 51 mm x 24 mm</li> <li>• Base station size: 130 mm x 100 mm x 25.1 mm</li> <li>• Operating humidity: 10-95%</li> <li>• Handset operating temperature: 0 to 40°C (+32 to 104°F)</li> <li>• Handset/Base station storage temperature: -30 to 70°C (-22 to 158°F)</li> <li>• Base station operating temperature: -10 to +45°C (+14 to 113°F)</li> </ul>
<p><b>Package Features</b></p>	<ul style="list-style-type: none"> <li>• Package contents: <ul style="list-style-type: none"> <li>- W78H Handset with Belt Clip</li> <li>- W70B Base Station</li> </ul> </li> </ul>

	<ul style="list-style-type: none"><li>- Charger Cradle</li><li>- Rechargeable Battery</li><li>- Base Stand</li><li>- Ethernet Cable</li><li>- Decorative Cover</li><li>- Quick Start Guide</li><li>- Two Power Adapters</li><li>• Qty/CTN: 10 PCS</li><li>• Giftbox size: 205 mm x 182 mm x 95 mm</li><li>• Carton meas: 502 mm x 378 mm x 215 mm</li><li>• N.W: 6.836 kg</li><li>• G.W: 7.546 kg</li></ul>
<b>Compliance</b>	    

[Click here](#) to go to the product introduction on the Yealink official website.