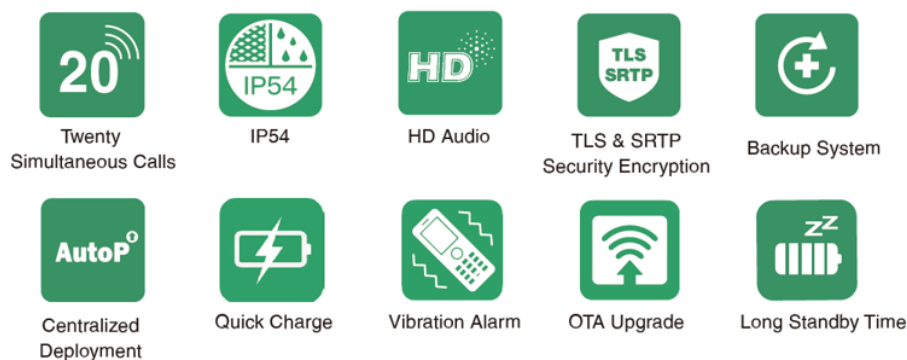


Yealink W77P Datasheet

Yealink DECT IP Phone

The Yealink W77P, a high-performance, ruggedized SIP cordless phone system that can register 10 Yealink DECT W57R handsets, is ideal for stressful situations. 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, W57R can secure itself from a fall of up to 3.5 meters, water splashing in any direction, and dust ingress. Thanks to the vibration alarm, you are guaranteed not to miss any calls, even in noisy and stressful situations. You can enjoy crystal-clear voice calls because of the new Noise Cancellation technology. W77P consistently delivers excellent and professional audio quality in both high-bandwidth and poor network conditions. It brings seamless call management for you 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 rich features of IP voice phones.

The Yealink DECT IP Phone W77P 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. This makes it simple to deploy and maintain, and upgrade, saving businesses even more time and IT costs.



Key Features and Benefits

- High-performance SIP cordless phone system
- 1.8" 128 x 160 TFT color screen with intuitive user interface
- Ruggedized DECT handset with IP54 protection rating
- Up to 20 simultaneous calls
- Up to 10 DECT cordless handsets
- Up to 10 SIP accounts
- Noise Reduction System
- FNR (Flexible Noise Reduction)/Noise Cancellation
- W57R (V0-V3): Up to 40-hour talking time; up to 575-hour standby time
- W57R (V4): Up to 28-hour talking time; up to 320-hour standby time
- 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
Phone Features	• Up to 20 simultaneous calls • Up to 10 handsets • Up to 10 SIP accounts • Up to 2 simultaneous calls per handset

	• Up to 6 repeaters per base station (RT30) • Vibration alarm • Alarm functions: push-button • Handset selection for receiving a call • Handset and number selection for placing a call • Paging, intercom, auto answer, dial plan • Call hold, call transfer, 3-way conference • Switching between calls • Call waiting, mute, silence, DND • Caller ID with name and number • Anonymous call/Anonymous call rejection • Call forward: Always/Busy/No Answer • Speed dial/Voice mail/Redial • Message Waiting Indication (MWI) • Music on hold (server-based) • Local phonebook for up to 1000 entries (stored in the base) • Remote phonebook/LDAP/XML phonebook • Phonebook search/import/export • 100 call history per handset: All/Placed/Missed/Received • Direct IP call without SIP proxy • Reset to factory, reboot • Keypad lock, emergency call • BroadSoft directory, BroadSoft call log • Broadworks feature key synchronization • Shared Call Appearance (SCA) • XML browser • Action URI
Personalization	• 9 ringer melodies • Screen saver

	• Multilingual user interface
Management	• Auto-provision via TFTP/FTP/HTTP/HTTPS/RPS • Auto-provision with PnP • Handset upgrade: OTA (Over-The-Air)/ No Perception Upgrade • Configuration: browser/phone/auto-provision • Trace package and system log export
Audio Features	• Full-duplex speakerphone • Hearing Aid Compatibility (HAC) compliant • FNR (Flexible Noise Reduction)/Noise Cancellation • Receiver volume control: 5 steps • Ringer volume control: 5 steps+off • Multiple advisory tones • Acoustic warning for low battery status • DTMF • Wideband codec: AMR-WB (optional), G.722 • Narrowband codec: PCMU, PCMA, G.726, G.729, G.729A, iLBC • VAD, CNG, AGC, PLC, AJB • AEC • Support VQ-RTCPXR (RFC6035), RTCP-XR
Network Features	• SIP v1 (RFC2543), v2 (RFC3261) • SNTP/NTP • VLAN (802.1Q and 802.1P) • 802.1x, LLDP • STUN Client (NAT Traversal) • UDP/TCP/TLS • IP assignment: Static/DHCP • Support outbound proxy server backup

Security	• Open VPN • Transport Layer Security (TLS) • HTTPS (server/client), SRTP (RFC3711) • Digest authentication • Secure configuration file via AES encryption • Support SHA256/SHA512/SHA • Three-level configuration mode: Admin/Var/User
DECT	• Frequency bands: 1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US)
Interface	• 1 x RJ45 10/100M Ethernet port • Power over Ethernet (IEEE 802.3af), Class 1
Physical Features	• Indoor Range: 50 m (in ideal conditions) • Outdoor Range: 300 m (in ideal conditions) • Battery of W57R (V0-V3): - 1460 mAh, Lithium-ion, 3.7 V, 5.4 Wh - Up to 40 hours of talk time (in ideal conditions) - Up to 575 hours of standby time (in ideal conditions) • Battery of W57R (V4): - 3 × 3.7 V 350 mAh (1.295 Wh), Lithium-ion - Up to 28 hours of talk time (in ideal conditions) - Up to 320 hours of standby time (in ideal conditions) • 1.8" 128 x 160-pixel TFT color screen • Desktop or wall mountable • LCD backlight, key backlight • Energy-saving ECO mode/ECO Mode+ • Backlight keypad with 25 keys: - Standard ITU telephone keypad, 12 keys, 4x3, with star and pound/hash key

	- 5 navigation keys (left, right, up, down, OK) - 2 softkeys - 6 function keys (Speaker, message, Off-hook, Cancel, TRAN, Mute) - 3 side keys (volume up/down, alarm) - 6 shortcut keys • Three LED indicators on W70B: - 1 x Registration LED - 1 x Network Status LED - 1 x Power Indicator LED • External Yealink AC adapter: AC 100-240 V Input and DC 5 V/600 mA Output • Color: - Handset: Black ; - Base: Classic Grey • Handset size: 157 mm x 51 mm x 24 mm • Base station size: 130 mm x 100 mm x 25.1 mm • Operating humidity: 10-95% • Handset operating temperature: 0 to 40°C (+32 to 104°F) • Handset/Base station storage temperature: -30 to 70°C (-22 to 158°F) • Base station operating temperature: -10 to +45°C (+14 to 113 °F)
Package Features	• Package contents: - W57R Handset with Belt Clip - W70B Base Station - Charger Cradle - Rechargeable Battery - Base Stand

	- Ethernet Cable - Decorative Cover - Quick Start Guide - Two Power Adapters • Qty/CTN: 10 PCS • Giftbox size: 205 mm x 182 mm x 95 mm • Carton meas: 502 mm x 378 mm x 215 mm • N.W: 7.456 kg • G.W: 8.136 kg
Compliance	         

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