

Flexible VoIP solution for small businesses

- Exceptional HD sound with wideband technology
- Up to 4 simultaneous external calls
- Up to 5 DECT cordless handsets
- Up to 5 VoIP accounts
- 1.8" color display with intuitive user interface
- 5~10 hours talk time, 100 hours standby time
- Integrated PoE (Class 1)
- Desktop or wall mountable
- OTA (Over-The-Air) update



HD Voice



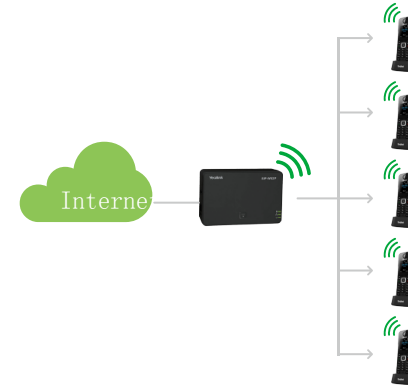
Up to 5 users



4 simultaneous calls



Yealink W52P is a SIP Cordless Phone System designed for small business and SoHo who are looking for immediate cost saving but scalable SIP-based mobile communications system. Combining the benefits of wireless communication with rich business features of Voice over IP telephony, User can benefit from freedom of movement, lifelike voice communications, multi-tasking convenience, professional features like intercom, transfer, call forward, 3-way conferencing, PoE etc. This system works with widely-known Broadsoft, Asterisk, 3CX and supports quick and easy configuration.



- > Up to 5 DECT Cordless Handsets Per base depending on your needs
- > DECT radio coverage up to 50m indoors and 300m outdoors
- > Energy-saving ECO features

DECT technology:
CAT-iq2.0 focuses on high quality Audio VoIP (wideband), as well as low bit - rate data applications, fully backward compatible to DECT GAP

Phone Features

- > Up to 4 simultaneous calls
- > Up to 5 handsets, up to 5 VoIP accounts
- > Handset select for receiving call
- > Handset and Number select for making call
- > Paging, intercom, auto answer
- > Call hold, call transfer, 3-way conferencing
- > Switching between calls
- > Call waiting, mute, DND
- > Caller ID display, redial
- > Anonymous call, anonymous call rejection
- > Call forward (always/busy/no answer)
- > Speed dial, voicemail, silence
- > Message Waiting Indication (MWI)
- > Local phonebook for up to 500 entries (store in the base)
- > Remote phonebook
- > Phonebook search / import / export
- > Call history (outgoing/missed/accepted)
- > Direct IP call without SIP proxy
- > Reset to factory, reboot
- > Keypad lock, emergency call
- > Dial Plan, music on hold
- > Broadsoft directory, broadSoft Call Log
- > Broadworks feature key synchronization
- > Shared Call Appearance (SCA)

Personalization

- > 9 ringer melodies
- > Screen saver, two kind of colour schemes
- > Multiple languages

Management

- > Auto-provision via FTP / TFTP / HTTP / HTTPS
- > Auto-provision with PnP
- > Handset upgrade: OTA (Over-The-Air)/USB port
- > Configuration: browser / phone / auto-provision
- > Trace package and system log export

Voice and Codecs Features

- > Full-duplex speakerphone
- > Receiver volume control: 5 steps
- > Ringer volume control: 5 steps+off
- > Multiple advisory tones
- > Acoustic warning for low battery status
- > DTMF
- > Wideband codec: G.722
- > Narrowband codec: G.711μ/A, G.723, G.726, G.729, iLBC
- > VAD, CNG, AEC, PLC, AJB

Network Features

- > SIP v1 (RFC2543), v2 (RFC3261)
- > SNTP/NTTP
- > VLAN (802.1Q and 802.1P)
- > 802.1x, LLDP, PPPoE
- > STUN Client (NAT Traversal)
- > UDP, TCP
- > IP assignment: static/DHCP

Security

- > Open VPN
- > Transport Layer Security (TLS)
- > HTTPS (server / client)
- > SRTP (RFC3711)
- > Digest authentication using MD5
- > Secure configuration file via AES encryption
- > Admin / Var / User 3-level configuration mode

Connectors

- > CAT-iq2.0
- > 1 x RJ45 10/100M Ethernet port
- > Power over Ethernet (IEEE 802.3af)
- > Headset jack (2.5 mm)
- > A mini USB Port

Physical Features

- > Indoor Range: 20m~50m (The ideal distance is 50m)
- > Outdoor Range: 300m (In ideal conditions)
- > Standby Time: 100h (In ideal conditions)
- > Talk Time: 5~10h (The ideal talk time is 10h)
- > 1.8" 128x160 pixels color display
- > Desktop or wall mountable
- > LCD backlight, key backlight
- > Energy-saving ECO mode/ECO Mode+
- > 12 key numerical keypad, 5 navigation keys
- > 2 softkeys, 6 function keys, 6 shortcut keys
- > 3 LEDs on Base: 1 x power, 1 x Network, 1 x Call
- > Base station: DC 5V / 600mA Output
- > Charger: DC 5V / 600mA Output
- > Phone size: 144mm x 50mm x 24mm
- > Base station size: 153mm x 108mm x 45mm
- > Operating humidity: 10 ~ 95%
- > Operating temp: -10 ~ +50°C

Package Features

- > 1 x handset, 1 x base station, 1 x belt clip
- > 2 x rechargeable battery,
- > 1 x charger cradle, 2 x power adapter
- > 1 x ethernet cable, 2 x guide, 1 x CD-ROM
- > Qty/CNT: 10pcs
- > Giftbox size: 213mm*198mm*97mm
- > Carton meas: 495mm*400mm*219mm
- > N.W: 7.3KG
- > G.W: 7.9KG

Special Features

- > Increase range with up to 6 repeaters

Certifications



Getting Started

Network Settings

You can configure the base station to obtain network settings in one of the following ways:

DHCP: By default, the base station attempts to contact a DHCP server in your network to obtain the valid network settings, e.g., IP address, subnet mask, gateway address and DNS address.

Static: If the base station cannot contact a DHCP server for any reason, you need to configure the IP address, subnet mask, gateway address, primary DNS address and secondary DNS address for the base station manually.

To configure the network parameters for the base station manually:

1. Press the **OK** key to enter the main menu, and select **Settings->System Settings->Network**.
2. Enter the system PIN (default: 0000), and press the **Done** soft key.
3. Select **Static** from the **IP Address Type** field.
4. Enter the valid values in the **IP Address**, **Subnet Mask**, **Default Gateway**, **Primary DNS** and **Secondary DNS** fields.
5. Press the **Save** soft key to accept the change.

Note: The wrong network settings may result in inaccessibility of your phone and may have an impact on the network performance. For more information on these parameters, contact your system administrator.

Handset Registration

The handset in the W52P package is pre-registered to the base station. Internal handset number and name display on the idle screen after turning the handset on. If your handset is not pre-registered to the base station, do one of the followings to register it manually:

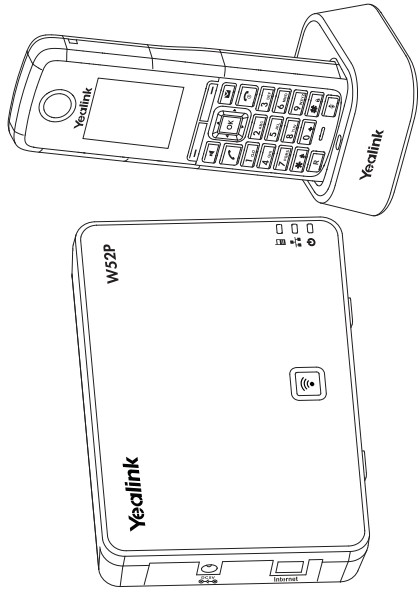
- If the handset LCD screen prompts "Searching for Base", long press **[OK]** on the base station till the first LED flashes. Then press the **OK** key to enter the main menu, and select **Settings->Registration->Register Handset** to register the handset.
- If the handset LCD screen prompts "Press base page 2s then press OK", long press **[OK]** on the base station till the first LED flashes. Then press the **OK** soft key on the handset.

Shortcuts

This helps you get quick access to features by pressing the shortcut keys directly without having to scroll through the menu. You can press the following predefined shortcuts to access some frequently used features of your handset when the handset is idle:

- Press **[Left Arrow]** to access the call history.
- Press **[Right Arrow]** to check the line status.
- Press **[Up Arrow]** to place an internal call.
- Press **[Down Arrow]** to access the directory.
- Press **[Volume Down]** to decrease the ringer volume.
- Press **[Volume Up]** to increase the ringer volume.

For more information, refer to the User Guide available online at:
<http://www.yealink.com/DocumentDownload.aspx?CategoryId=142&flag=142>.
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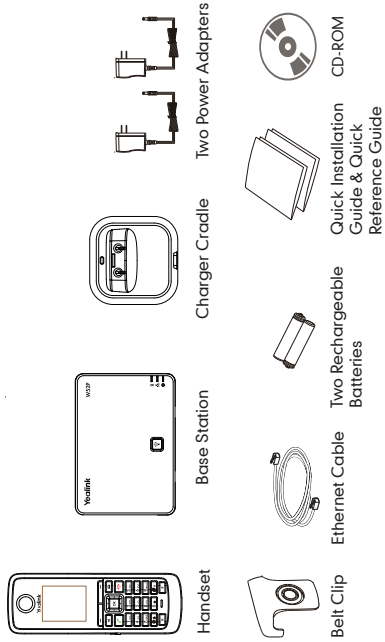
Quick Installation Guide

www.yealink.com

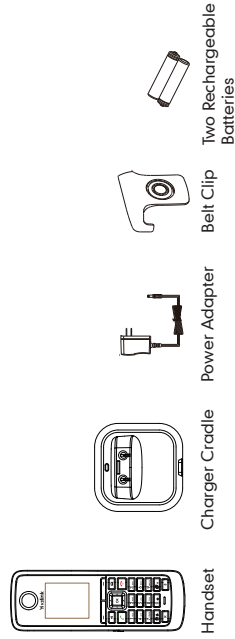
Applies to firmware version 3.0 or later.

Packaging Contents

The following items are included in your W52P package:



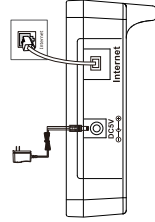
The following items are included in your W52H package:



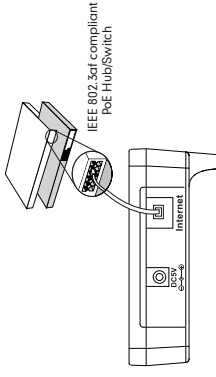
Assembling the Phone

1. Connect the network and power for the base station in one of the following ways, as shown below:

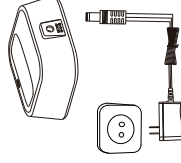
a. AC Power Option



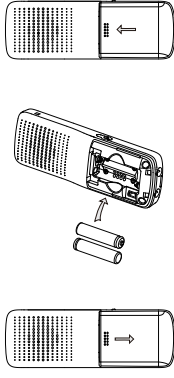
b. PoE (Power over Ethernet) Option



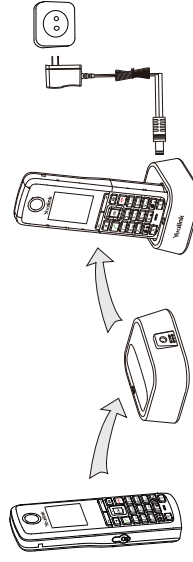
2. Connect the charger cradle, as shown below:



3. Insert the batteries into the handset, as shown below:



4. Charge the handset, as shown below:



Note: The charging status of the handset is indicated in the top right-hand corner of the LCD screen.