

### Flexible VoIP solution for small businesses

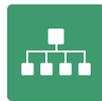
- Exceptional HD sound with wideband technology
- Up to 4 simultaneous external calls
- Up to 2 simultaneous calls per handset
- Up to 5 DECT cordless handsets
- Up to 5 VoIP accounts
- 1.8" color display with intuitive user interface
- 5~10 hours talk time, 100 hours standby time
- Integrated PoE (Class 1)
- Desktop or wall mountable



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:

Yealink DECT technology is based on CAT-iq2.0, which focuses on high quality Audio VoIP (wideband), as well as low bit - rate data applications. But we are not compatible with any third-party DECT devices (base station, handset, etc.).

### Phone Features

- Up to 4 simultaneous calls
- Up to 2 simultaneous calls per handset
- 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
- Three-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 (server-based)
- Broadsoft directory, BroadSoft Call Log
- Broadworks feature key synchronization
- Shared Call Appearance (SCA)

### Personalization

- 9 ringer melodies
- Screen saver, two kind of color schemes
- Multi-language support

### 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, PLC, AJB
- AEC (supported by W52H)
- Support VQ-RTCPXR (RFC6035), RTCP-XR

### Network Features

- SIP v1 (RFC2543), v2 (RFC3261)
- SNTP/NTP
- VLAN (802.1Q and 802.1P)
- 802.1x, LLDP
- PPPoE (supported by V73 and V80 version)
- STUN Client (NAT Traversal)
- UDP, TCP
- IP assignment: static/DHCP

### Security

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

### DECT

- Frequency bands:
  - 1880 - 1900 MHz (Europe),
  - 1920 - 1930 MHz (US)
- DECT Standards: CAT-iq2.0

### Connectors

- 1 x RJ45 10/100M Ethernet port
- Power over Ethernet (IEEE 802.3af), Class 2
- Headset jack (2.5 mm)

### 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 backlit, key backlit
- 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
- Color:
  - Handset: Alabaster Silver; Base: Classic Grey
- Phone size: 144mm x 50mm x 24mm
- Base station size:
  - 153.5mm x 108.5mm x 45mm
- Operating humidity: 10 ~ 95%
- Operating temperature: 0 ~ +40°C

### Package Features

- Package content:
  - W52H Handset
  - Base Station
  - Charger Cradle
  - Two Power Adapters (one is optional)
  - Belt Clip
  - Ethernet Cable
  - Two Rechargeable Batteries
  - Quick Start Guide
- Qty/CNT: 10pcs
- Giftbox size: 214mm\*200mm\*101mm
- Carton meas: 529mm\*410mm\*223mm
- N.W: 7.4 kg
- G.W: 8.1 kg

### Special Features

- Increase range with up to 5 repeaters

### Certifications



## Yealink Base for W52P&W56P Compatibility

| Handset  | Base             | Base for W52P&W56P                              |
|----------|------------------|-------------------------------------------------|
|          | Firmware Version | V81 version                                     |
| W56H     | V81 version      | Fully compatible                                |
|          | V83 version      | Partly compatible                               |
| W53H     | V83 version      | Basically compatible                            |
| W52H     | V81 version      | Fully compatible                                |
| CP930W   | V83 version      | Basically compatible                            |
| DD Phone | V82/V84 version  | Basically compatible                            |
| RT20     | --               | Fully compatible                                |
| RT30     | --               | Fully compatible<br>All features except cascade |

-  **Fully compatible + All features (highly recommended):** The firmware of handset matches with the base's and always keeps up to date.
-  **Fully compatible (recommended):** The firmware of handset matches with the base's but not the latest one, so not all features are supported.
-  **Partly compatible:** The firmware of handset does not match with the base's, and the features added in the new firmware version are not supported.
-  **Basically compatible:** Old handset with new base or new handset with old base guarantees the basic features only.
-  It is not allowed to use RT20 & RT30 on same base.



## About Yealink

Yealink is a global leading provider of enterprise communication and collaboration solutions, offering video conferencing service to worldwide enterprises. Focusing on research and development, Yealink also insists on innovation and creation. With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products. As one of the best providers in more than 140 countries and regions including the US, the UK and Australia, Yealink ranks No.1 in the global market share of SIP phone shipments.

## Copyright

Copyright © 2018 YEALINK(XIAMEN) NETWORK TECHNOLOGY CO., LTD.

Copyright © 2018 Yealink(Xiamen) Network Technology CO., LTD. All rights reserved. No parts of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, photocopying, recording, or otherwise, for any purpose, without the express written permission of Yealink(Xiamen) Network Technology CO., LTD.

## Technical Support

Visit Yealink WIKI (<http://support.yealink.com/>) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (<https://ticket.yealink.com>) to submit all your technical issues.



YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.  
Web: [www.yealink.com](http://www.yealink.com)  
Addr: No.1 Ling-Xia North Road, High Tech Park,  
Huli District, Xiamen, Fujian, P.R. China  
Copyright©2018Yealink Inc. All right reserved.