

# Yealink SIP-T53 Datasheet

## Prime Business Phone to Deliver Optimum Desktop Productivity

Especially designed for busy executives and professionals, Yealink SIP-T53 is an easy-to-use Prime Business Phone with an adjustable 3.7-inch graphical LCD that you can easily and flexibly find a comfortable viewing angle according to your personal and environmental needs. Working with Yealink Bluetooth USB Dongle BT40 and Yealink Wi-Fi USB Dongle WF40/WF50, the SIP-T53 IP Phone ensures you keep up with modern wireless technology and take the first chance in the future wireless age. Its built-in USB 2.0 port allows for USB recording or a direct wired/wireless USB headset or up to three Yealink EXP50 expansion modules connection. Benefitting from these features, the Yealink SIP-T53 is a powerful and expandable office phone that delivers optimum desktop efficiency and productivity.



Adjustable  
Screen



Corded-Cordless  
Phone



Content  
Sharing



USB 2.0



HD Audio



## Key Features and Benefits

- 3.7" 360x160-pixel graphical LCD with backlight
- Adjustable LCD screen
- Dual firmware images
- T53/T53W/T54W/T57W firmware unified
- Bluetooth via BT40
- Wi-Fi via WF40/WF50
- USB 2.0 port for USB recording, wired/wireless USB headsets and EXP50

- Up to 12 VoIP accounts
- Dual-port Gigabit Ethernet
- PoE support
- HAC Handset
- Paperless label design
- Wall mountable

### **User Friendly**

Yealink SIP-T53 IP Phone features an adjustable 3.7-inch graphical LCD that you can readily adjust it to the comfortable viewing angle according to yourself. As to the audio quality, the SIP-T53W is coupled with the latest version of Yealink Optimal HD Voice technologies, including Yealink Acoustic Shield technology, which effectively eliminates background distractions and noises, and delivers crystal clear voice even in a noisy environment. Meanwhile, complying with the latest Hearing Aid Compatibility (HAC) Regulations, its HAC handset helps the person who is with hearing loss to hear the voice more clearly.

### **Wireless Transmission**

Yealink SIP-T53 IP Phone not only furnishes you with Bluetooth connectivity, including Bluetooth headsets and mobile contacts synchronization, when working with Yealink Bluetooth USB Dongle BT40, but also the Wi-Fi connectivity when working with Yealink Wi-Fi USB Dongle WF40/WF50. Notably, you can access the 5G Wi-Fi connectivity handily if you use WF50. Also if you want to expand your horizons for busy environments, or, share one phone system with your small team by adding multiple handsets, just simply turn your IP phone to the corded-cordless phone via DECT technology. Moreover, the IP phone can function with Yealink VC Desktop together to share content from your laptop, making collaboration much easier than before.

### **High Expandability**

A built-in USB 2.0 port allows you to enjoy USB call recording via a USB flash drive. Via this USB port, you also can connect a wired/wireless USB headset

without connecting Yealink EHS36 anymore, and connect up to 3 Yealink expansion modules EXP50 which can be programmed with up to 180 paperless DSS keys.

## Efficient Installation and Provisioning

The Yealink SIP-T53 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. Furthermore, a unified firmware and auto-p template that applies to T53/T53W/T54W/T57W phone models, saves even more time and costs for businesses, as well as simplifies the management and maintenance.

## Specifications

| Specifications | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Audio Features | <ul style="list-style-type: none"><li>• HD voice: HD handset, HD speaker</li><li>• Hearing aid compatible (HAC) handset</li><li>• Acoustic Shield</li><li>• Smart Noise Filtering</li><li>• Audio codec: G.722, PCMU(G.711μ), PCMA (G.711A), G.729, G.729A, G.729B, G.729AB, G.726, G.723.1, iLBC</li><li>• DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO</li><li>• Full-duplex hands-free speakerphone with AEC</li><li>• VAD, CNG, AEC, PLC, AJB, AGC</li></ul> |
| Phone Features | <ul style="list-style-type: none"><li>• 12 VoIP accounts</li><li>• Call hold</li><li>• Mute, DND</li><li>• Redial, call return</li><li>• auto answer</li><li>• One-touch speed dial, hotline</li></ul>                                                                                                                                                                                                                                                                 |

- Call forward, call waiting, call transfer
- Group listening, SMS
- Emergency call
- 5-way conferencing
- Direct IP call without SIP proxy
- Ring tone selection/import/delete
- Set date time manually or automatically
- Dial plan
- XML Browser, Action URL/URI
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- USB port (2.0 compliant) for:
  - Wired/wireless USB headset
  - USB call recording through USB flash drive
  - Bluetooth headset through BT40
  - Bluetooth call through BT40
  - Mobile contacts synchronization through BT40
  - Simultaneous connection of one headset and one mobile phone through BT40
  - Wi-Fi through WF40/WF50
  - Expansion module EXP50 (up to 3)
  - Wireless Headset Adapter EHS40
- USB/Bluetooth connectivity to Yealink CP900/CP700 speakerphone, USB connectivity to Yealink UH36 headset:
  - Basic functions: Answer / end, call mute
  - Enhanced function: audio optimization, redial, call hold, volume synchronization, multiple calls control
- Content Sharing (via Yealink VCD)
- Enhanced DSS key

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| Directory                                     | <ul style="list-style-type: none"> <li>• Local phonebook up to 1000 entries</li> <li>• Black list</li> <li>• XML/LDAP remote phonebook</li> <li>• Smart dialing</li> <li>• Phonebook search/import/export</li> <li>• Call history: dialed/received/missed/forwarded</li> </ul>                                                                                                                         |
| Corded-Cordless Phone (via DECT Dongle DD10K) | <ul style="list-style-type: none"> <li>• Up to 4 DECT cordless handsets</li> <li>• Up to 4 concurrent calls</li> <li>• Support Yealink W52H/W53H/W56H/DD Phone/CP930W</li> <li>• Slave Handset for Master Deskset</li> </ul>                                                                                                                                                                           |
| IP-PBX Features                               | <ul style="list-style-type: none"> <li>• Busy Lamp Field (BLF), Bridged Line Appearance (BLA)</li> <li>• Anonymous call, anonymous call rejection</li> <li>• Hot-desking, voice mail</li> <li>• Flexible seating, Executive and Assistant</li> <li>• Call park, call pickup</li> <li>• Centralized call recording, call recording</li> </ul>                                                           |
| Display and Indicator                         | <ul style="list-style-type: none"> <li>• 3.7" 360x160-pixel graphical LCD with backlight</li> <li>• LED for call and message waiting indication</li> <li>• Dual-color (red or green) illuminated LEDs for line status</li> <li>• Intuitive user interface with icons and soft keys</li> <li>• Multilingual user interface</li> <li>• Caller ID with name and number</li> <li>• Power saving</li> </ul> |
| Feature keys                                  | <ul style="list-style-type: none"> <li>• 8 line keys with LED</li> <li>• 8 line keys can be programmed up to 21 various</li> </ul>                                                                                                                                                                                                                                                                     |

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|                      | <p>features(3-page view)</p> <ul style="list-style-type: none"><li>• 5 features keys:<br/>mute, headset, message, redial, hands-free speakerphone</li><li>• 4 context-sensitive “soft” keys</li><li>• 6 navigation keys</li><li>• Volume control keys</li><li>• Illuminated mute/headset/hands-free speakerphone key</li></ul>                                                                                  |
| Interface            | <ul style="list-style-type: none"><li>• Dual-port Gigabit Ethernet</li><li>• Power over Ethernet (IEEE 802.3af), class 2</li><li>• 1 x USB port (2.0 compliant)</li><li>• 1 x RJ9 (4P4C) handset port</li><li>• 1 x RJ9 (4P4C) headset port</li></ul>                                                                                                                                                           |
| Management           | <ul style="list-style-type: none"><li>• Configuration: browser/phone/auto-provision</li><li>• Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment</li><li>• Auto-provision with PnP</li><li>• Broadsoft device management</li><li>• Zero-sp-touch, TR-069</li><li>• Phone lock for personal privacy protection</li><li>• Reset to factory, reboot</li><li>• Package tracing export, system log</li></ul> |
| Network and Security | <ul style="list-style-type: none"><li>• SIP v1 (RFC2543), v2 (RFC3261)</li><li>• Call server redundancy supported</li><li>• NAT traversal: STUN mode</li><li>• Proxy mode and peer-to-peer SIP link mode</li><li>• IP assignment: static/DHCP</li></ul>                                                                                                                                                         |

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|                         | <ul style="list-style-type: none"> <li>• HTTP/HTTPS web server</li> <li>• Time and date synchronization using SNTP</li> <li>• UDP/TCP/DNS-SRV(RFC 3263)</li> <li>• QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP</li> <li>• SRTP for voice</li> <li>• Transport Layer Security (TLS1.3)</li> <li>• HTTPS certificate manager</li> <li>• AES encryption for configuration file (AES256)</li> <li>• Digest authentication</li> <li>• OpenVPN, IEEE802.1X, L2TP VPN</li> <li>• IPv6</li> <li>• LLDP/CDP/DHCP VLAN</li> <li>• ICE</li> <li>&gt; WPA2/WPA3</li> <li>&gt; Secure boot</li> <li>&gt; GARP (Generic Attribute Registration Protocol)</li> </ul> |
| Other Physical Features | <ul style="list-style-type: none"> <li>• Color: Classic Grey</li> <li>• Wall mountable (optional)</li> <li>• External Yealink AC adapter (optional): AC 100~240V input and DC 5V/1.2A output</li> <li>• USB output currency: 5V 500mA</li> <li>• Power consumption (PSU): 1.3W-2.3W</li> <li>• Power consumption (PoE): 1.8W-3.1W</li> <li>• Dimension (W*D*H*T):<br/>212mm*210.6mm*174.5mm*41.7mm</li> <li>• Operating humidity: 10~95%</li> <li>• Operating temperature: -10 to +45 °C (+14 to 113 °)</li> <li>• Storage temperature: -30 to +70 °C (-22 to +158 °F)</li> </ul>                                                                        |

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| Package Features | <ul style="list-style-type: none"><li>• Package content:<ul style="list-style-type: none"><li>- Yealink SIP-T53 IP phone</li><li>- Handset with handset cord</li><li>- Ethernet Cable</li><li>- Stand</li><li>- Quick Start Guide</li><li>- Power Adapter (Optional)</li></ul></li><li>• Qty/CTN: 5 PCS</li><li>• N.W/CTN: 5.8 kg</li><li>• G.W/CTN: 6.4 kg</li><li>• Giftbox size: 238mm*237mm*103mm</li><li>• Carton Meas: 538mm*244mm*250mm</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Compliance       | <div></div> <div> <b>broadsoft</b>  <b>3CX</b>  <b>metaswitch</b></div> |