

Yealink SIP-T44U Datasheet

Entry-level IP Phone with 4 Lines & Color LCD

The SIP-T44U IP phone is a feature-rich business tool for excellent communications and extended functionality. Integrated with a Hall Switch, T44U gives you a quieter operation and environment. It is a 12-line IP phone with a 2.8-inch color display with a backlight and EXP43 support. United Yealink Optima HD Voice technology, the T44U, offers you superb audio quality and crystal-clear voice communications. The phone feels quicker and more responsive when performing call features. Moreover, the T44U puts dual USB ports in a phone, which makes Bluetooth, Wi-Fi, USB headset, and USB recording come true; you can use any two of them freely according to your needs. The Yealink new T4U series offers the same elegant appearance as the T4 line but with improvements for greater interoperability and collaboration. The T4U series better builds the Yealink ecosystem and is compatible with more Yealink headsets, supporting intelligent channel switching* and using the phone to configure and upgrade headsets.



2.8-inch
Screen



Optima
HD Voice



Dual USB
Ports



Acoustic
Shield



Unified
Firmware



Gigabit



Expansion
Module



Key Features and Benefits

- 2.8" 320x240-pixel color LCD with backlight
- Dual USB ports
- Dual firmware images
- T4U Auto-P template unified
- T4U firmware unified
- Up to 12 SIP accounts

- PoE support
- USB headset and EHS support
- Wi-Fi via WF40/WF50
- Bluetooth via BT40/BT41/BT51
- Supports color-screen expansion modules
- Stand with 2 adjustable angles
- Wall mountable
- Handset with hall switch

Easy Customization and High Expandability

Accompanied by two USB ports, the T44U is your right-hand man in the office, which makes Bluetooth, Wi-Fi, USB headset, and USB recording possible, and you can use any two of them freely according to your needs to enrich phone features. Meanwhile, the phone has three pages of flexible buttons that can be easily programmed with 21 paperless DSS keys at most, but it can also connect up to three expansion modules for up to 180 additional buttons with a screen-based LCD and LED system.

HD Audio

Yealink Optima HD Voice technology combines cutting-edge hardware and software with wideband technology for maximum acoustic performance. Its hearing aid compatible (HAC) handset helps the person with hearing loss hear the voice more clearly.

Efficient Installation and Provisioning

Yealink T4U series 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 the T4U series simple to deploy, easy to maintain and upgrade. Furthermore, a unified firmware and auto-p template that applies to all T4U phone models saves businesses even more time and costs and simplifies management and maintenance.

Secure Transport and Interoperability

Yealink T4U series uses SIP over Transport Layer Security (TLS/SSL), the latest network security technology. It's also compatible with leading soft switch suppliers, such as 3CX and Broadsoft Broadworks. It carries dual firmware images that give you enterprise-level protection to avoid bricking your system once the upgrade fails. Moreover, the T4U series supports the Security Center feature, allowing users to decide whether to connect the phone to the device management platform/service and what private data they are permitted to report.

Specifications

Specific ations	Description
Audio Features	<ul style="list-style-type: none">• HD voice: HD handset, HD speaker• Hearing aid compatible (HAC) handset• Acoustic Shield• Smart Noise Filtering• Wideband codec: AMR-WB (optional), G.722• Narrowband codec: AMR-NB (optional), PCMU (G.711μ), PCMA (G.711A), G.723.1, G.729, G.729A, G.729B, G.729AB, G.726, iLBC• DTMF: In-band, Out-of-band(RFC 2833) and SIP INFO• Full-duplex hands-free speakerphone with AEC• VAD, CNG, AEC, PLC, AJB, AGC
Phone Features	<ul style="list-style-type: none">• 12 VoIP accounts• One-touch speed dial, redial• Call forward, call waiting, call transfer, call hold• Call return, group listening• Emergency call• Mute, DND• Auto answer• Hoteline

	<ul style="list-style-type: none"> • 5-way conference call • Direct IP call without SIP proxy • Ring tone selection/import/delete • Set the date and time manually or automatically • Dial Plan, XML Browser, Action URL/URI • RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035) • Dual USB ports (2.0 compliant) <p>> Bluetooth headset through BT40/BT41/BT51</p> <p>- Support Yealink Bluetooth headset BH71/BH71 Workstation/-BH71 Workstation Pro/BH72/BH76/UH38 through BT51</p> <p>> DECT wireless headset (Yealink WH62 Portable/WH63 Portable)</p> <p>> Contact synchronization through BT40/BT41/BT51</p> <p>> Simultaneous connection of one headset and one mobile phone through BT40/BT41/BT51</p> <p>> Wi-Fi through WF40/WF50</p> <p>> USB call recording through a USB flash drive</p> <p>> USB headset</p> <p>> Expansion Module EXP43</p> <p>> Wireless Headset Adapter EHS40</p> <p>> USB/Bluetooth connectivity to Yealink CP900/CP700 speakerphone/wireless headset UH38, USB connectivity to Yealink wired headset UH34/UH36/UH37:</p> <ul style="list-style-type: none"> - Basic functions: Answer/end, call mute - Enhanced function: audio optimization, redial, call hold, volume synchronization, multiple calls control <ul style="list-style-type: none"> • Enhanced DSS key
Directory	<ul style="list-style-type: none"> • Local phonebook up to 1000 entries • Blocklist • XML/LDAP remote phonebook

	<ul style="list-style-type: none">• Smart dialing• Phonebook search/import/export• Call history: dialed/received/missed/forwarded
IP-PBX Features	<ul style="list-style-type: none">• Busy Lamp Field (BLF), Bridged Line Appearance (BLA)• Anonymous call, anonymous call rejection• Hot-desking, voice mail• Flexible seating, Executive and Assistant• Call park, call pickup• Centralized call recording, call recording• Visual voice mail
Display and Indicator	<ul style="list-style-type: none">• 2.8" 320x240-pixel color LCD with backlight• LED for call and message waiting indication• Dual-color (red or green) illuminated LEDs for line status information• Intuitive user interface with icons and soft keys• Multilingual user interface• Caller ID with name and number• Power saving
Feature keys	<ul style="list-style-type: none">• 8-line keys with LED• 8-line keys can be programmed up to 21 paperless DSS keys (3-page view)• 5 features keys: message, headset, mute, redial, hands-free speakerphone• 4 context-sensitive "soft" keys• 6 navigation keys• 2 volume control keys• Illuminated mute key• Illuminated headset key• Illuminated hands-free speakerphone key

Interface	<ul style="list-style-type: none">• Dual-port Gigabit Ethernet• Power over Ethernet (IEEE 802.3af), class 3• 1 x RJ9 (4P4C) handset port• 1 x RJ9 (4P4C) headset port• 2 x USB port (2.0 compliant)
Other Physical Features	<ul style="list-style-type: none">• Color: Classic Grey• Stand with 2 adjustable angles• Wall mountable• External Yealink AC adapter: AC 100-240 V input and DC 5 V/1.2 A output• USB output currency: 5 V 500 mA• Power consumption (PSU): 1.7 W - 4.1 W• Power consumption (PoE): 2.0 W - 4.9 W• Dimension (W*D*H*T): 215 × 206 × 174.9 × 52 mm• Operating humidity: 10~95%• Operating temperature: -10 to +45°C (+14 to 113°F)• Storage temperature: -30 to +70°C (-22 to +158°F)
Management	<ul style="list-style-type: none">• Configuration: browser/phone/auto-provision• Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment• Auto-provision with PnP• Zero-sp-touch, TR-069• Phone lock for personal privacy protection• Reset to factory, reboot• Package tracing export, system log
Network and Security	<ul style="list-style-type: none">• SIP v1 (RFC2543), v2 (RFC3261)• Call server redundancy supported• NAT traversal: STUN mode• Proxy mode and peer-to-peer SIP link mode• IP assignment: static/DHCP

	<ul style="list-style-type: none"> • HTTP/HTTPS web server • Time and date synchronization using SNTP • UDP/TCP/DNS-SRV (RFC 3263) • QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP • SRTP for voice • Transport Layer Security (TLS 1.3) • HTTPS certificate manager • AES encryption for configuration file (AES256) • Digest authentication • OpenVPN, IEEE802.1X, L2TP VPN • IPv6 • LLDP/CDP/DHCP VLAN • ICE • WPA2/WPA3 • Secure boot • GARP (Generic Attribute Registration Protocol)
Package Features	<ul style="list-style-type: none"> • Package content: <ul style="list-style-type: none"> - Yealink SIP-T44U IP phone - Handset with handset cord - Ethernet Cable (optional) - Stand (not applicable to US wall plate Standard) - Quick Start Guide - Power Adapter • Qty/CTN: 5PCS • N.W/CTN: 5.764 kg • G.W/CTN: 6.352 kg • Giftbox size: 239 × 223 × 115 mm • Carton Meas: 595 × 230 × 248 mm
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