

# Yealink T48S

## Gigabit desk phone with seven-inch touchscreen display

The T48S IP Phone is a dynamic business communications solution for executives and professionals. It has 29 touch keys for moderate to high call volume and HD voice with OPUS support for superior sound quality. This phone offers a large touchscreen that makes switching between pages and applications swift, easy, and convenient.

The phone has USB port support for Wi-Fi and USB recording features.

The presence feature of this phone allows the user to monitor the in-use status of up to 27 other users. The intuitive user interface makes usability and navigation easy and requires minimal training.

Its two-port Gigabit Ethernet switch allows a single drop to the desktop for high-speed



### Features and specifications

#### Touch keys

- Includes 29 touch keys with the ability to display the presence status for up to 27 users on the phone display

#### Display

- Seven-inch 800 x 480-pixel color touchscreen with backlight

## Headset and hearing aid compatibility

- Dedicated RJ-9 headset port
- Hearing aid compatibility ITU-T P.370 and TIA 504A standards
- Compliant with ADA Section 508 Subpart B 1194.23 (all)
- Hearing aid compatible (HAC) handset for magnetic coupling to hearing aids
- Compatible with commercially-available TTY adapter equipment

## Audio features

- HD voice technology delivers lifelike voice quality for each audio path—handset, the hands-free speakerphone, and the optional headset<sup>1</sup>
- Frequency response—150 Hz–7 kHz for handset, optional headset, and hands-free speakerphone modes
- Codecs: G.711 (A-law and  $\mu$ -law), G.729AB, OPUS (8kHz and 16kHz, G.722, G.722.1, iLBC)
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise generation
- DTMF tone generation (RFC 2833 and in-band)
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- Full-duplex hands-free speakerphone with AEC

## Call handling features

- Busy lamp field (BLF)
- Distinctive incoming call treatment/call waiting
- LED for call and message waiting indication
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local three-way audio conferencing
- One-touch speed dial, redial
- Remote missed call notification
- Do-not-disturb function
- Electronic hook switch capable
- Local configurable digit map/dial plan

## Other features

- Adjustable base height

## Interface

- Seven features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
- Six navigation keys
- Volume control keys
- Illuminated mute key
- Illuminated headset key
- Illuminated hands-free speakerphone key

## Protocol support

- IETF SIP (RFC 3261 and companion RFCs)

## Network and provisioning

- SIP protocol support
- SDP
- IETF SIP (RFC 3261 and companion RFCs)
- Two-port Gigabit Ethernet switch
  - 10/100/1000 Base-TX across LAN and PC ports
  - Conforms to IEEE802.3-2005 (Clause 40) for physical media attachment
  - Conforms to IEEE802.3-2002 (Clause 28) for link partner auto-negotiation
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported
- QoS support—IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS, and DHCP
- VLAN-CDP, DHCP VLAN discovery, LLDP-MED for VLAN discovery
  - Network address translation (NAT) support for static configuration and “keep-alive” SIP signaling
- RTCP and RTP support
- Event logging
- Syslog

1. To enjoy all the benefits of HD voice when using the phone in the headset mode, you must use a wideband headset.

- Hardware diagnostics
- Status and statistics reporting
- IPv4
- TCP
- UDP
- DNS-SRV

## Power

- Built-in auto sensing IEEE 802.3 at power over Ethernet (Class 2)
- External AC adapter, 100~240V input and DC 5V/2A output
- Power consumption (PSU): 2.2-4.9W
- Power consumption (PoE): 3.2-7.5W

## Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- VCCI Class B
- EN55024
- EN61000-3-2; EN61000-3-3
- NZ Telepermit
- UAE TRA
- Australia A & C Tick

## Safety

- UL 60950-1
- CE Mark

- CAN/CSA-C22.2 No. 60950-1
- EN 60950-1
- IEC 60950-1
- AS/NZS 60950-1
- ICASA (add)
- CITC (add)

## Operating conditions

- Temperature: +32 to 104°F (0 to 40°C)
- Relative humidity: 5% to 95%, noncondensing

## Storage temperature

- -40 to +160°F (-40 to +70°C)

## Package contents

- Yealink SIP-T48S IP Phone
- Handset with handset cord
- Ethernet cable (2m CAT5E UTP cable)
- Stand

## Box dimensions/weight

- Qty/CTN: 5 PCS
- N.W/CTN: 8.2 kg
- G.W/CTN: 9.0 kg
- Giftbox size: 324mm\*263mm\*128mm
- Carton measure: 660mm\*338mm\*273mm

## Country of origin

- China

For more information, please contact a sales representative. Visit [ringcentral.com](http://ringcentral.com) or call 855-774-2510.

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