

# Yealink T42S

## Gigabit desk phone

### Six-line desktop system with color LCD display

The phone has six lines for low to moderate call volume and HD voice and OPUS codec support for superior sound quality.<sup>1</sup>

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 four 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 connection to both phone and computer.



## Features and specifications

### Lines

- Six lines for calls or use up to four for presence monitoring

### Display

- Backlit 2.7 in 192x64-pixel graphical LCD

### 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)

<sup>1</sup>. HD voice is available for RingCentral customers with select plans.

- 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, hands-free speakerphone, and optional headset<sup>2</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

### Call handling features

- Six lines (programmable line keys)
- Busy lamp field (BLF)
- Distinctive incoming call treatment/call waiting
- Call timer and call waiting
- 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

### 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
- 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 universal AC adaptor, 48VDC; 12W

### Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B

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

- 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

- Handset with handset cord
- Ethernet cable (2m CAT5E UTP cable)
- Stand
- Quick Start Guide

### Box dimensions/weight

- Qty/CTN: 5 PCS
- N.W/CTN: 6.4 kg
- G.W/CTN: 7.0 kg
- Gift box size: 246mm\*223mm\*120mm
- Carton measure: 627mm\*256mm\*235mm

### Country of origin

- China

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

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