Yealink Ruggedized DECT Handset

Yealink W59R, certified to rigorous IP67 standard, is a professional ruggedized DECT handset with integrated Bluetooth and vibration alarm that is pretty eligible for the environment where there may be dusty, humid, and harsh. Not only combined the advantages of wireless communication and the rich features of Voice-over-IP phone, but also fully compatible with Yealink W80 Multi-Cell System for seamless roaming and handover of the calls, this handset provides users with the convenience and good experience of mobile communication in and between each zone and keeps stable in the complicated and harsh locations. As a rugged and durable handset, W59R has also been developed with Yealink optimal HD audio quality that combines multiple leading technologies together, including FNR (Flexible Noise Reduction), full duplex, and Opus. This means users can get a stable and high-quality audio experience even the location is full of noise or wireless interference. Besides, the complete alarm functions and integrated G-Sensor boost the occupational safety for the person who works in hazardous locations.

IP67	Ruggedized Handset	HD Audio	Built-in Bluetooth	Vibration Alarm
Alarm Function	Belt Clip	Quick Charge	OTA Upgrade	

Key Features and Benefits

Shock, dust and water resistant
Yealink W59R is a well-rounded companion with its certified Ingress Protection rating of 67 (IP67) that can be entirely relied on in the complicated and tough working environment. Not only does it resist dust, splash and water, but also its tough rubberized surface protects the handset from dropping, slipping and scratching. Thus, W59R can secure itself from a fall of up to 2.5 meters, an immersion in water up to 1 meter in depth for 30 minutes at most, as well as all the dust ingress.

Freely mobile communication
Fully compatible with Yealink W80 Multi-Cell System, W59R lets the users have seamless roaming and handover of the calls. Free your hands with Bluetooth headsets and belt clip when you are inconvenient to hold the handset, for example, in the factory or the warehouse. Meanwhile, the vibration alarm prevents you from missing the calls in the noisy locations. In short, W59R tends to make a major contribution to realizing true mobile communication.

Alarm function
A series of perfect alarm functions, including push-button alarm, no-movement alarm, man-down alarm and running alarm, aim to minimize safety risks. The administrator can configure different types of alarm for different members and the emergency calls will be sent automatically once an emergency occurs.

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.).

- Seamless handover and roaming
- Rugged DECT handset with IP67 protection rating
- Scratch resistant, disinfectant resistant
- 1.8'' 128x160 TFT color screen with intuitive user interface
- HD voice and FNR (Flexible Noise Reduction)
- Built-in Bluetooth
- Vibration alarm
- Alarm functions for occupational safety: push-button alarm, no-movement alarm, man-down alarm and running alarm
- Up to 28 hours of talk time (18 hours with Bluetooth headset)
- Up to 360 hours of standby time (200 hours with Bluetooth headset)
- Keypad backlight and keypad lock
- Fully compatible with Yealink W80 Multi-Cell System for seamless roaming and handover

Display

- 1.8" 128x160 TFT color screen
- Intuitive user interface with icons and soft keys
- Caller ID with name and number
- Notification Light: voice mail, missed call
- Date & time (manual/auto synchronization)
- Screen saver
- Multilingual user interface
- Keypad backlight

Phone Features

- Up to 2 simultaneous calls per handset
- Seamless Handover/Roaming in W80 Multi-cell System
- Built-in Bluetooth for Bluetooth headset
- Vibration alarm
- Alarm functions: push-button/no-movement/ man-down/running
- 3-way conference
- Call forward: Always/Busy/No Answer
- Call waiting, hold
- Mute, silence
- DND
- Auto answer, call transfer, redial
- Speed dial
- Voice mail
- Dial plan: Replace Rule/Area Code/Block Out
- Keypad lock
- Emergency call
- 100 phone book memory (store in the base)

- Remote phonebook, LDAP, XML phonebook search, blacklist
- Call history: All/Placed/Missed/Received (up to 100 entries)
- Reset to factory, reboot
- Anonymous call, Anonymous call rejection
- OTA (Over-The-Air) upgrade via base station

Audio Features

- Full-duplex speakerphone
- HD audio
- Hearing Aid Compatibility (HAC) compliant
- FNR (Flexible Noise Reduction)
- Low Complexity Communication Codec Plus
- Receiver volume control: 5 steps
- Ringer volume control: 5 steps+off
- 9 ringer melodies
- Multiple advisory tones
- Acoustic warning for low battery status
- DTMF

Physical Features

- Handset Size:157 mm x 51 mm x 24 mm
- Handset Weight:183 g
- Color: Black
- Battery: 1460 mAh, Lithium-ion, 3.7 V, 5.4 WH
  - Up to 28 hours of talk time (18 hours with Blue-tooth headset)
  - Up to 360 hours of standby time (200 hours with Bluetooth headset)
- Charger: DC 5V/0.6A Output
- Power Adapter:
  - Input: 100-240 V, 50/60 Hz, 0.2 A
  - Output: 5 V, 0.6 A

- Backlit keypad with 25 keys:
  - Standard ITU telephone keypad, 12 keys, 4x3, with star and pound/hash key
  - 5 navigation keys (left, right, up, down, OK)
  - 2 softkeys
  - 6 function keys (Speaker, message, Off-hook, Cancel, TRAN, Mute)
- Three side keys (volume up/down, alarm)
- 6 shortcut keys
- Operating humidity: 10 ~ 95%
- Operating temperature: 0 ~ +40°C

DECT

- Frequency bands:
  1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US)
- DECT Range:
  - Up to 50 meters indoor (in ideal conditions)
  - Up to 300 meters outdoor (in ideal conditions)
- DECT Standards: CAT-iq2.0

Package Features

- Package contents:
  - W59R Handset with Belt Clip
  - Charging Cradle
  - Rechargeable Battery
  - Power Adapter
  - Decorative Cover
  - Quick Start Guide
- Qty/CNT: 20 PCS
- Giftbox size: 181 mm x 104 mm x 90 mm
- Carton meas: 473 mm x 443 mm x 198 mm
- N.W: 6.8 kg
- G.W: 7.7 kg

Compliance

CE FC RoHS Compliant REACH ISO 9001 broadsoft 3CX Asterisk® Compatible

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.

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