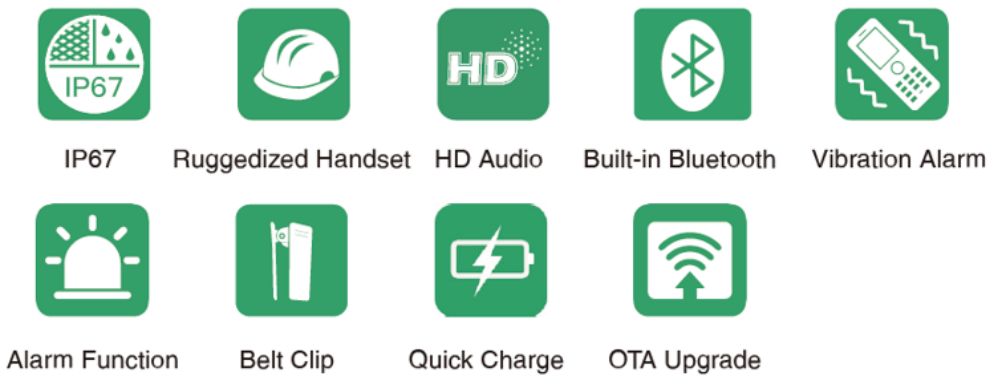
Yealink W59R Datasheet

Yealink Ruggedized DECT Handset

Yealink W59R, certified to rigorous IP67 standards, is a professional ruggedized DECT handset with integrated Bluetooth and vibration alarm that is suitable for environments that may be dusty, humid, and harsh. It combines the advantages of wireless communication and the rich features of a Voice-over-IP phone and is also fully compatible with Yealink Single-Cell W70B and W75/W80/W90 Multi-Cell System for seamless roaming and handover of calls. This handset provides users with the convenience and good experience of mobile communication in and between each zone and keeps them stable in complicated and harsh locations. As a rugged and durable handset, W59R has also been developed with Yealink's optimal HD audio quality that combines multiple leading technologies, including FNR (Flexible Noise Reduction), full duplex. This means users can get a stable and high-quality audio experience even if the location is full of noise or wireless interference. Besides, the complete alarm functions and integrated G-Sensor boost the occupational safety of those working in hazardous locations.





Key Features and Benefits

- 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 4.2
- Vibration alarm

- Alarm functions for occupational safety: push-button alarm, no-movement alarm, man-down alarm, and running alarm
- Up to 28-hour talking time (18 hours with Bluetooth headset)
- Up to 360-hour standby time (200 hours with Bluetooth headset)
- Keypad backlight and keypad lock
- Fully compatible with Yealink Single-Cell W70B and W75/W80/W90 Multi-Cell System for seamless roaming and handover

Shock, Dust, and Waterproof

Yealink W59R is a well-rounded companion with its certified Ingress Protection rating of 67 (IP67), which can be entirely relied on in a complicated and tough working environment. Not only does it resist dust, splash, and water, but 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, immersion in water up to 1 meter depth for 30 minutes at most, and all dust ingress.

Freely Mobile Communication

Fully compatible with Yealink Single-Cell W70B and W75/W80/W90 Multi-Cell System, W59R lets users have seamless roaming and handover of calls. Free your hands with Bluetooth headsets and belt clips when it is inconvenient to hold the handset, for example, in the factory or the warehouse. Meanwhile, the vibration alarm prevents you from missing calls in 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, no-movement, man-down, and running, aim to minimize safety risks. The administrator can configure different types of alarms for different members, and the emergency calls will be sent automatically once an emergency occurs.

DECT Technology

Yealink DECT technology focuses on high-quality Audio VoIP (wideband) and bit-rate data applications. However, we are incompatible with third-party DECT devices (base station, handset, etc.).

Specifications

Specifications	Description
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 Single-Cell W70B and W75/W80/W90 Multi-Cell System • Built-in Bluetooth for a 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 • Phonebook search, blocklist • 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) • Receiver volume control: 5 steps • Ringer volume control: 5 steps+off • 9 ringer melodies • Multiple advisory tones

	• Acoustic warning for low battery status • DTMF
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)
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 Bluetooth headset) - Up to 360 hours of standby time (200 hours with Bluetooth headset) • Charger: DC 5 V/0.6 A Output • Power Adapter: - Input: 100-240 V, 50/60 Hz, 0.2 A - Output: 5 V, 0.6 A • Backlight 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 to 40 °C (+32 to 104°F) • Storage temperature: - 30 to +70°C (-22 to +158°F)
Package Features	• Package contents: - W59R Handset with Belt Clip - Charger Cradle - Rechargeable Battery - Decorative Cover - Quick Start Guide - Power Adapter

	• Qty/CTN: 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 REACH ISO 9001 broadsoft 3CX Asterisk® Compatible

Click here to go to the product introduction on the Yealink official website.