

# Yealink CP935W Datasheet

## Yealink Wireless Touch-Sensitive Conference Phone

Yealink CP935W is a wireless touch-sensitive HD conference phone designed for small to medium conference rooms. CP935W adopts a business and introverted design that perfectly matches the calm style of the conference room and also adopts an acoustics fabric, which is impervious to any accidental liquid spills. Its fingerprint-proof LCD screen with a clear UI interaction page makes it easy for everyone to control the meeting. CP935W has a built-in battery and Wi-Fi, you can register a SIP account directly through Wi-Fi. CP935W allows you to deploy without using power and network cables to provide you with a wireless and clean conference room. CP935W has 6 built-in microphones, providing you with a clear and natural conference call experience. In addition, you can also connect CP935W to your mobile devices (such as smartphone, personal computer, etc.) through Bluetooth or USB port to realize a Hybrid UC meeting.



4" Multi-Touch Screen



Yealink Pentagon Meeting Room



Hybrid UC Meeting



Pairing via Bluetooth



Switchable DECT/Wi-Fi Mode



Built-in Battery



## Key Features and Benefits

- 4-inch multi-touch screen with 480x800 resolution
- Optimal HD audio, full duplex technology
- Yealink Noise Proof Technology
- Built-in rechargeable lithium battery
- Up to 15 hours of talk time (in ideal conditions)
- Up to 75 hours of standby time in Wi-Fi mode (in ideal conditions)

- 20-foot (6-meter) and 360° voice pickup
- Built-in 6-microphone array for voice pickup
- 5-way conference call
- Hybrid UC meeting
- Built-in Wi-Fi (2.4GHz/5GHz, 802.11a/b/g/n)
- Built-in Bluetooth 4.2

### **Modest Design, Easy-to-Use User Interface**

Yealink CP935W is a hermit in a conference room. Its black acoustics fabric can realize crystal-clear audio and is resistant to water, oil, and stains. Its ultra-thin body, appropriate desktop fit, and ingenious hidden wiring slot are perfectly fit for the simple business style in the conference rooms. Additionally, its built-in Linux system and easy-to-use UI interface allow users to launch a meeting with one button and increase user adoption.

### **Built-in Battery, Wi-Fi, and DECT to Minimize Deployment Costs**

CP935W has a built-in battery and Wi-Fi; you can register a SIP account directly through Wi-Fi. CP935W allows you to deploy without using power and network cables to provide you with a wireless and clean conference room.

### **HD Audio, Smooth Communication**

CP935W adopts a Y-shaped design and has 6 built-in microphones for sound pickup. It's a 20-foot and 360° omnidirectional sound pickup that provides users with a clear and natural voice conference experience.

### **Rich Features and High Expandability**

CP935W supports 5-way conference calls, enabling participants from different locations to communicate smoothly and reducing costs for your company. You can also connect CP935W to your mobile devices (such as smartphones, personal computers, etc.) through Bluetooth or the USB port to realize Hybrid UC

meeting (including SIP, mobile phone, PC).

## **Specifications**

Specification	Description
Audio Features	<ul style="list-style-type: none"> <li>Optimal HD audio</li> <li>Yealink Noise Proof Technology</li> <li>Smart Noise Filtering</li> <li>20-foot (6-meter) microphone pickup range</li> <li>Apply to a small to medium conference room</li> <li>Built-in 6-microphone array for voice pickup</li> <li>Loudspeaker <ul style="list-style-type: none"> <li>Frequency: 100-20,000 Hz</li> <li>Volume: 94dB at 0.5-m peak volume</li> <li>56mm diameter and 5W speaker</li> </ul> </li> <li>Full-duplex speakerphone with AEC</li> <li>Echo cancellation tail length is up to 320ms</li> <li>Background noise suppression</li> <li>Codecs: G722, G722.1C, G726, G.729, G.729A, G723, iLBC, PCMU(G.711μ), PCMA (G.711A), AMR</li> <li>DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO</li> <li>VAD, CNG, PLC, AJB, AGC</li> </ul>
Phone features	<ul style="list-style-type: none"> <li>1 SIP account</li> <li>Call hold, mute, DND, call recording, hotline</li> <li>5-way conference call</li> <li>Redial, call waiting, emergency call</li> <li>Call forward, call transfer, call return, dial plan</li> <li>Ring tone selection/import/delete</li> <li>Set the date and time manually or automatically</li> <li>Volume adjustment</li> <li>Pairing via Bluetooth</li> <li>Create a meeting directly</li> </ul>

	<ul style="list-style-type: none"><li>• Join meeting seamlessly</li><li>• Active Speaker</li></ul>
Directory	<ul style="list-style-type: none"><li>• Local phonebook up to 1000 entries</li><li>• XML/LDAP remote phonebook</li><li>• Intelligent search method</li><li>• Phonebook search/import/export</li><li>• Call history: dialed/received/missed/forwarded</li><li>• Block list</li></ul>
IP-PBX features	<ul style="list-style-type: none"><li>• Busy Lamp Field (BLF)</li><li>• Multicast paging</li><li>• Intercom</li><li>• Anonymous call</li><li>• Anonymous call rejection</li><li>• Voice mail</li><li>• Distinctive ringtone</li><li>• Call pickup</li></ul>
Display	<ul style="list-style-type: none"><li>• 4" 480x800 capacitive touch screen</li><li>• Volume key</li><li>• Home button</li></ul>
Interface	<ul style="list-style-type: none"><li>• Built-in Wi-Fi (2.4GHz/5GHz, 802.11a/b/g/n)</li><li>• Built-in Bluetooth 4.2</li><li>• 1 x USB 2.0 Type-C device port</li><li>• 1 x Security slot</li></ul>
Network and Security	<ul style="list-style-type: none"><li>• SIP v1 (RFC2543), v2 (RFC3261)</li><li>• SIP server redundancy supported</li><li>• IPv4/IPv6</li><li>• NAT traversal: STUN mode</li><li>• Proxy mode and peer-to-peer SIP link mode</li></ul>

	<ul style="list-style-type: none"><li>• HTTP/HTTPS web server</li><li>• Time and date synchronization using SNTP</li><li>• UDP/TCP/DNS-SRV (RFC 3263)</li><li>• SRTP for voice encryption</li><li>• Transport Layer Security (TLS 1.3)</li><li>• HTTPS certificate manager</li><li>• AES encryption for configuration file (AES256)</li><li>• Digest authentication using MD5/MD5-sess</li><li>• OpenVPN, L2TP VPN</li><li>• WPA2</li><li>• Secure boot</li></ul>
Management	<ul style="list-style-type: none"><li>• Configuration: browser/phone/auto-provision/Yealink Device Management Platform</li><li>• Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment</li><li>• Auto-provision with PnP</li><li>• Zero-sp-touch, TR-069</li><li>• Reset to factory, reboot</li><li>• Package tracing export, system log</li></ul>
Other physical features	<ul style="list-style-type: none"><li>• Color: Black</li><li>• Wi-Fi range<ul style="list-style-type: none"><li>- Up to 300 meters, depending on the Wi-Fi router</li></ul></li><li>• PSU: 2.2~6W</li><li>• Battery capacity: 7800mAh</li><li>• Charging time: 4 hours</li><li>• Up to 75 hours of standby time in Wi-Fi mode (in ideal conditions)</li><li>• Up to 15 hours talk time (in ideal conditions)</li><li>• Dimension (W*D*H): 288.6mm*285.2mm*63.9mm</li></ul>

	<ul style="list-style-type: none"><li>• Operating humidity: 10~90%</li><li>• Operating temperature: -10 to +45°C (+14 to 113°F)</li><li>• Storage temperature: -30 to +70°C (-22 to +158°F)</li></ul>
Package Features	<ul style="list-style-type: none"><li>• Package content:<ul style="list-style-type: none"><li>- Yealink CP935W IP conference phone</li><li>- Charger cradle</li><li>- Yealink Power Adapter</li><li>- Quick Start Guide</li></ul></li><li>• Qty/CTN: 5 PCS</li><li>• N.W/CTN: 7.416 kg</li><li>• G.W/CTN: 8.420 kg</li><li>• Giftbox size: 355 mm*349 mm*108 mm</li><li>• Carton Meas: 567 mm*357 mm*365 mm</li></ul>
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