

Yealink AX86R Wi-Fi Handset Specification

Audio Features		Physical Features	
HD Voice	HD handset, HD speaker	Ruggedized	IP67/1.8m/Antibacterial design
Audio Codec	G.722, PCMU (G.711μ), PCMA (G.711A), G.729, G.729A, G.729B, G.729AB, G.726, G.723.1, iLBC	Soft Keys	3
Smart Noise Filtering	✓	Function Keys	6 (Dial, Hang up, Speaker, Voice message, Mute, Transfer)
HAC Compliant	✓	Navigation key and OK key	5
Acoustic Shield	✓		
Telephony Features		Battery & Charging	
Line	4	Battery	3100mAh (13-hour talk, 300-hour standby)
N-way Conferencing	5	Charging	Type-C, Cradle
		Power Adapter	AC 100~240V input and DC 5V/2A output
Display and Indicator		Interface	
Display	2.4" 240x320 TFT color screen	3.5mm Jack	✓
Keypad Backlight	✓	Type-C Port	✓
Vibration	✓	Belt Clip	✓
Proximity Sensor	✓		
Network		Package Features	
Wi-Fi Protocol	2.4G&5G 802.11 a/b/g/n/ac/ax	Handset Size	160.1 x 55.3 x 25.85 mm
Wi-Fi Roaming	802.11 k/r/v	Handset Weight	218 g
Wi-Fi Encryption	WPA3		
Bluetooth	5.0		





AX86R Ruggedized Wi-Fi Handset

Stay robust in walk with you



IP67



Wi-Fi 6



AI Noise
Cancellation



Type-C



Alarm Feature

The AX86R is a rugged enterprise-grade portable Wi-Fi IP phone with a 2.4" color display, IP67-rated for water, dust, and 1.8m drop resistance. It supports 4 SIP accounts, 5-way local conferencing, HD audio with AI Noise Cancellation, and features Bluetooth 5.0, dual-band Wi-Fi 6, and seamless roaming. With a 3100mAh battery, it offers up to 13 hours of talk time and 300 hours standby, ideal for healthcare, manufacture, warehouses, transportation and education.

Highlights At a Glance

Wireless, Fast and Secure

empowered by Wi-Fi 6's excellence in connection and security.



Faster Speed



Lower Latency



Greater Network Capacity



WPA3 Enterprise



Seamless Roaming

AI-empowered Audio

HD audio quality, free from unwanted noise



AI Noise Cancellation



Acoustic Shield



Dual Microphones



HD Audio Quality

Robust, hygienic and durable

• **IP67-rated Protection** waterproof and dustproof, drop proof up to 1.8 meters



Dust Resistant



Shock Resistant



Water Resistant

• **Enhanced texture** for non-slip and anti-scratch features; also chemical-cleaning resistant and anti-bacterial



Rich functionalities for User Convenience

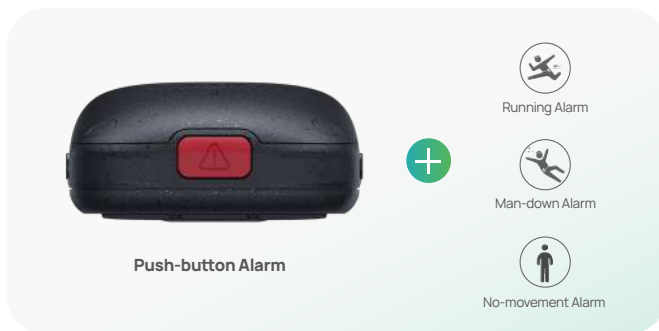
• **Five-party** communication & support **four SIP accounts sign-in**



• Long-lasting battery & **Quick Charging** via 2 ways



• **Emergency Alarms** for personal safety



• Easy access to **Push-to-Talk** for instant communication

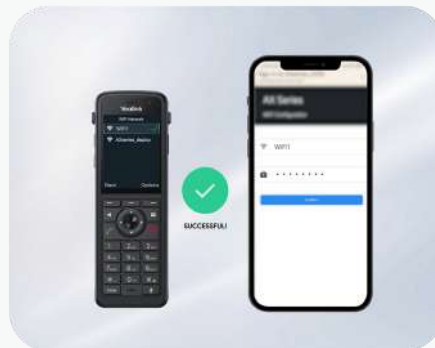


Quick Wi-Fi Configuration



Quick access to AX series via smartphone

Use your mobile phone to connect to the temporary access point created by the AX Series.



Connect to Wi-Fi

Confirm the Wi-Fi name and password. The AX86R will automatically connect.



Batch Deployment

One AX handset can share network with other AX handset in bulk over the air through hotspot.

One Platform for Deployment and Management (Yealink Device Management Platform)



Remote Diagnostics



Call Statistics with Real-time Alarm



Timer Tasks with Flexibility



Unified Deployment & Management

