

# W56P

## Cordless VoIP solution for small businesses

- High-end ID design
- Exceptional HD sound with wideband technology
- Up to 4 simultaneous voice calls
- Up to 5 DECT cordless handsets
- Up to 5 Multiple Lines
- 2.4" 240 x 320 color screen with intuitive user interface
- Up to 30 hours talk time, Up to 400 hours standby time
- Quick charging: 10 mins charge time for 2 hours talk time
- Support USB charging
- Headset connection via 3.5 mm jack
- Charger wall mountable
- New belt clip with better user experience



HDVoice



Up to 5 users



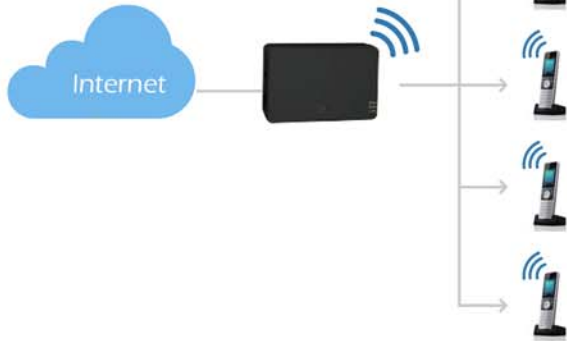
4 simultaneous calls



The W56P is the next-generation SIP Dect handset combining quality, reliability and flexibility. With more functions, lines and mobility, it provides users with the convenience of wireless communications whilst 'on the go', along with the widely accepted benefits of VoIP.

In addition the W56P delivers long talk time, high standby, superior speech quality and quick charging, making it the ideal cost-effective solution for small and medium-sized businesses.

# W56P



- > Up to 5 DECT Cordless Handsets Per base depending on your needs
- > DECT radio coverage up to 50m indoors and 300m outdoors
- > Energy-saving ECO features

#### DECT technology:

CAT-iq2.0 focuses on high quality Audio VoIP (wideband), as well as low bit - rate data applications, fully backward compatible to DECT GAP

#### Certifications



...and many more

#### Phone Features

Up to 4 simultaneous calls  
Up to 5 handsets, up to 5 VoIP accounts  
Handset select for receiving call  
Handset and Number select for making call  
Paging, intercom, auto answer  
Call hold, call transfer, 3-way conferencing  
Switching between calls  
Call waiting, mute, DND  
Caller ID display, redial  
Anonymous call, anonymous call rejection  
Call forward (always/busy/no answer)  
Speed dial, voicemail, silence  
Message Waiting Indication (MWI)  
Local phonebook for up to 500 entries (store in the base)  
Remote phonebook/ LDAP  
Phonebook search / import / export  
Call history (outgoing/missed/accepted)  
Direct IP call without SIP proxy  
Reset to factory, reboot  
Keypad lock, emergency call  
Dial Plan, music on hold  
Broadsoft directory, broadSoft Call Log  
Broadworks feature key synchronization  
Shared Call Appearance (SCA)

#### Management

Auto-provision via FTP / TFTP / HTTP / HTTPS

Auto-provision with PnP  
Handset upgrade: OTA (Over-The-Air)  
Configuration: browser / phone / auto-provision  
Trace package and system log export

#### Personalisation

9 ringer melodies  
Screen saver  
Multiple languages

#### Voice and Codec Features

Full-duplex speakerphone  
Receiver volume control: 5 steps  
Ringer volume control: 5 steps+off  
Multiple advisory tones  
Acoustic warning for low battery status  
DTMF  
Wideband codec: G.722  
Narrowband codec: G.711μ/A, G.723, G.726, G.729, iLBC  
VAD, CNG, AEC, PLC, AJB  
Support VQ-RTCPXR (RFC6035)

#### Network features

SIP v1 (RFC2543), v2 (RFC3261)  
SNTP/NTP  
VLAN (802.1Q and 802.1P)  
802.1x, LLDP, PPPoE  
STUN Client (NAT Traversal)  
UDP, TCP  
IP assignment: static/DHCP  
Support outbound proxy server backup

#### Security

Open VPN  
Transport Layer Security (TLS)  
HTTPS (server / client)  
SRTP (RFC3711)  
Digest authentication using MD5  
Secure configuration file via AES encryption  
Support SHA256/SHA512/SHA384  
Admin / Var / User 3-level configuration mode

#### Connectors

CAT-iq2.0  
1 x RJ45 10/100M Ethernet port  
Power over Ethernet (IEEE 802.3af)  
Headset jack (3.5 mm)

#### Physical features

Indoor Range: 20m~50m (The ideal distance is 50m)  
Outdoor Range: 300m (In ideal conditions)  
Standby Time: 400h (In ideal conditions)  
Talk Time: 30h  
2.4" 240x320 pixels colour display  
Desktop or wall mountable  
LCD backlit, key backlit  
Energy-saving ECO mode/ECO Mode+  
12 key numerical keypad, 5 navigation keys  
2 softkeys, 6 function keys, 6 shortcut keys  
3 LEDs on Base: 1 x power, 1 x Network, 1 x Call  
Base station: DC 5V / 600mA Output

Charger: DC 5V / 600mA Output  
Phone size: 176mm x 50mm x 24mm  
Base station size: 153mmx53mmx23mm  
Operating humidity: 10 ~ 95%  
Operating temp: -10 ~ +50°C

#### Package features

1 x handset, 1 x base station, 1 x belt clip  
1 x rechargeable lithium battery,  
1 x charger cradle, 2 x power adapter  
1 x ethernet cable, 1 x Quick Start Guide  
Qty/CNT: 10pcs  
Giftbox size: 203mm\*196mm\*95mm  
Carton meas: 497mm\*413mm\*207mm  
N.W: 7.3KG  
G.W: 7.9KG

#### Special features

Increase range with up to 6 repeaters

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