

Liberty MWP1100N

Dual Band Wi-Fi Network Cordless Phone.



MWP1100N is a modern design business Wi-Fi phone which provides excellent mobility with L2 fast seamless roaming. Not only complying IEEE802.11a/b/g/n but also HD Codec G.711.1 and G.722 for crystal clear voice quality and seamless communication. More importantly, MWP1100N operates in the 2.4GHz and 5GHz band with outstanding connection reliability, so users can enjoy telephone mobility in office environment.

• Graphic Color LCD for User

- 2.4inch large color LCD screen displays easy to read text and call information.

• Secure Connection

- Get secure access to an 802/11g or 802/11b wireless network with WEP, WPA, or WPA2 encryption.

• L2 Fast Seamless Roaming

- To guarantee the connectivity for continuous mobility and better communication, MWP1100N provides L2 fast seamless roaming between Access Points.

• Web browser for WiFi authentication

- To improve telephone mobility, MWP100N provides a Web browser so can access WiFi hotspots that require web-based login or authentication.

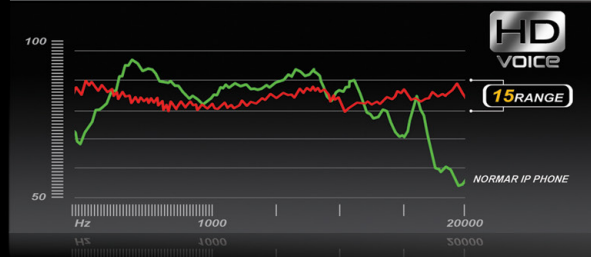
• Feature

- Wi-Fi 2.4GHz(13Channel), 5GHz(19Channel)
- Standard SIP(RFC 3261)
- IEEE 802.11 a/b/g/n
- SMS
- 3 Way Call Conference
- Auto Provisioning
- User friendly Wizard for easy configuration
- Metal Dom Keypad with Back Light
- Codec G.711 uLaw/aLaw, G.729 A/B, G.711.1, G.722
- 12 Alphanumeric Keys, 10 Function Keys
- Stand by Time:60Hr
- Talk Time:3Hr (CSCF, Beacon=100mS,DTIM=3)

Dual Band Wi-Fi Phone

- › Wi-Fi Phone which supports both 2.4G and 5G
- › Convenient user interface
- › 2.4inch color LCD to maximize ease of use
- › Field proven stability from major carriers.

▼ High definition voice technology



● Specification

▼ Call Function

- Call Forwarding
- Call Hold
- Call Screen/Do Not Disturb
- Call Pickup
- Call Transfer
- Call Waiting
- 3 way Conference Call
- Simple based Instant Messaging and Presence

▼ IP Network

- Wireless Access Protocol: IEEE 802.11a/b/g/n
- Static IP, DHCP
- RTP/RTCP
- QoS(IEEE802.1p, 802.11i)
- Wi-Fi Protected Access: WEP 64/128 WPA, WPA2
- WPA-PSK/TKIP/AES, WPA2-PSK TKIP/AE

▼ Management

- Password Protection for Admin mode and User mode
- Management Protocol:SNMPv2(RFC2782)
- Auto Provisioning: DHCP TFTP, Static TFTP, HTTP
- Remote Software Upgrade:http,tftp
- Remote Configuration
- Web-based management

▼ SIP Protocol

- Proxy Registration and Failover
- Outbound Proxy
- Registration Timer
- SIP Transport-UDP, TCP, SIPs
- Secured media negotiation(sRTP)
- Realm-based authentication (Digest Authentication)
- Session Timers
- DNS query(A record, SRV, NAPTR)
- Codec Negotiation
- DTMF relay RTP payload(RFC 2833) or SIP info
- Visual Message Waiting Indicator

▼ Codec

- CNG(Comfort Noise Generation)
- Echo Cancellation:G.168 Compliance
- Codec Auto Negotiation
- Codecs Narrow Band-G.711uLaw/aLaw, G.729A/B,G.711.1,G.722
- Echo Suppression(G.164)
- Enhanced Packet Loss Concealment
- Silence Suppression(G.164)
- VAD(Voice Active Detector)
- Adaptive Jitter Buffer
- Dynamic Payload Support
- Adjustable Audio Frames per Packet
- Flexible Dial Plan Support with Inter-Digit Timers

▼ DTMF / Ring Signal

- DTMF(Dual-Tone Multi-Frequency)
- Multiple Ring Tones
- Call Progress Tone Generation (Dial Tone, Busy and Audible Ring back)
- DTMF generation

▼ Software Features

- Linux Kernel 2.6.29
- MMS
- Reset to Factory Default
- Text Editor:Multi-tab, Naraguel, Chengjin
- SMS, Long Message Service (160 Bytes)

▼ Hardware Specification

- 2.4 inch TFT LCD QCIF 240x320
- CPU:DSPG DMW74(ARM9240Mhz)
- IEEE 802.11 a/b/g/n
- 64MB SDRAM, 256MB NAND
- Metal Dom Keypad with Back Light
- Key: 12 Alphanumeric Keys, 6 Func keys, 5 Navigation Keys, 2 Side Keys(Up/Down), 2 Send/End-Power Keys
- Battery:Li-ion 3.7V 1100mAh
- Charging time-Under 3.5 hours
- Standby time-at least 55 hours
- Talk time-Up to 4hours
- Power:5V DC, 2A
- Operating Temp:-10~50°C
- Storage Temp:-30~60°C
- Humidity:10~95%(Non-Condensing)
- RF channel (2.4G-13Channel/5G-19Channel)