

NEOPhone FKT 01 B

Entry Level IP Phone



NEOPHONE FKT 01 B is a versatile, entry-level SIP phone designed to meet essential business communication needs. It features a 2.3-inch dot-matrix display with 132x64 pixels, supporting 2 SIP lines and local 6-party conferencing for a seamless user experience. With HD audio quality, dual 10/100 Mbps network ports, and integrated Power over Ethernet (PoE), the NEOPHONE FKT 01 B ensures reliable, high-speed connectivity and exceptional voice clarity, making it an ideal choice for enterprises seeking an efficient and cost-effective communication solution.

Highlight

- » 2.3-inch 132x64 pixel dot-matrix display
- » Support audio codec G.722 and Opus, HD audio on speakerphone and handset
- » Support 6-party local conference
- » Support EHS wireless headset
- » Two installation methods of desktop stand and wall mountable
- » Dual 10/100 Mbps network ports, integrated PoE

Technical Specifications

Generic

- 2 SIP Lines
- HD Voice
- PoE Enabled
- Dot-matrix display screen
- Handset / Hands-free / Headset mode
- Desktop Stand / Wall mountable (optional)
- Optional External Power Supply

Phone Functions

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP, 1000 entries)
- Call logs (In/Out/Missed, 600 entries)
- Blocked List/Allowed List

- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support Poly wireless headset (Through Poly APD80 EHS Cable)
- Support Recording (Through Server)
- Action URL / Active URI
- uaCSTA

Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom

- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forward (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (With server)
- 6-party Conference
- Hot Line
- Hot desking

Network

- Physical: 10/100 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256

Audio

- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726, G.729A/B, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

Physical Specifications

- LCD: 132x64 pixel graphical LCD with backlight
- Keypad: 33 keys, including
 - 4 Soft-keys
 - 9 Function keys (Hold/Transfer/Voice message/Conference/Phonebook /MWI/Headset/Redial/Hands-free)
 - 4 Navigation keys
 - 1 OK key
 - 12 Standard Phone Digits keys
 - 3 Volume Control keys (Up/Down/Mute (Microphone))
- Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT.5E Ethernet Cable x1
- Desktop Stand x1
- Status Indicator Light x1 (Red)
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- Security Slot x1
- DC Power Input: 5V/0.6A
- Power Consumption (Adapter): 0.8~1.29W
- Power Consumption (PoE): 1.25~1.86W
- Working Temperature: 0~45°C
- Working Humidity: 10~95%
- Installation:
 - Desktop Stand
 - Wall mountable (optional)
- Color: Black
- N.W/CTN: 8.55kg
- G.W/CTN: 9.26kg
- Device Dimensions:
 - Desktop Stand (45°): 169x203.6x172.7 mm
 - Desktop Stand (50°): 169x194x181 mm
 - Wall mountable: 169x113.4x207.6 mm



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