

# PAGING CONSOLE PHONE



**M-50**



## M-50 VISUALIZATION PAGING CONSOLE PHONE

M-50 is a visualization paging console phone for industry customer. It is equipped with a gooseneck microphone and supports HD hands-free calling. With intelligent programmable DSS buttons, you can set up a one-click call function to improve communication efficiency. It is compatible with the standard SIP protocol and can be used as a monitoring center or host for office manager with functions such as make calls for external & internal phones, two-way inter-com, monitoring, and broadcasting. The M-50 improves the management efficiency and emergency response capabilities

MODEL	SCREEN	NETWORK	POE	Power Adapter
M-50	4.3 Color Screen	10/100/1000 Mbps	✓	—

## HIGHLIGHTS

- ✓ 20 SIP lines, 3-way conference, hotspot
- ✓ HD audio on speakerphone and handset
- ✓ Movable type Directional External Gooseneck Microphone
- ✓ 4.3" main color display, 2x3.5" side color displays for DSS keys
- ✓ Built-in Bluetooth
- ✓ Wi-Fi connectivity(Via Wi-Fi dongle)
- ✓ Up to 106 DSS keys(42 tri-colored physical keys)
- ✓ Video Codec H.264 support for receiving video calls
- ✓ Dual Gigabit ports, integrated PoE
- ✓ Stand with 2 adjust

## AUDIO

- ✓ HD Voice Microphone/Speaker (Handset/ Hands-free 0 ~ 7KHz Frequency Response)
- ✓ HAC handset
- ✓ Wideband ADC/DAC 16KHz Sampling
- ✓ Narrowband Codec: G.711a/u, G.723.1, G.726-32K, G.729A/B, AMR, iLBC
- ✓ Wideband Codec: G.722, AMR-WB, 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 up to 300ms
- ✓ DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO

## FEATURES

### CALL FEATURES

- ✓ Call out / Answer / Reject
- ✓ Mute / Unmute (Microphone)
- ✓ Call Hold / Resume
- ✓ Call Waiting
- ✓ Intercom
- ✓ Caller ID Display
- ✓ Speed Dial
- ✓ Anonymous Call (Hide Caller ID)
- ✓ Call Forwarding (Always/Busy/No Answer)
- ✓ Call Transfer (Attended/Unattended)
- ✓ Call Parking/Pick-up (Depending on server)
- ✓ Redial
- ✓ Do-Not-Disturb
- ✓ Auto-Answering
- ✓ Voice Message (On server)
- ✓ 3-way Conference
- ✓ Hot Line
- ✓ Hot desking

### PHONE FEATURES

- ✓ Local Phonebook (2000 entries)
- ✓ Remote Phonebook (XML/LDAP, 2000 entries)
- ✓ Call logs (In/out/missed, 1000 entries)
- ✓ Black/White List Call Filtering
- ✓ Screen saver
- ✓ Voice Message Waiting Indication (VMWI)
- ✓ Programmable DSS/Soft keys
- ✓ Network Time Synchronization
- ✓ Built-in Bluetooth 2.1: Support Bluetooth headset
- ✓ Support Wi-Fi Dongle
- ✓ Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- ✓ Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- ✓ Support Recoabra wireless headset (Through Fanvil EHS20 EHS Cable)
- ✓ Support Recording (Through Flash Drive or Server Recording ) Action

### NETWORKING

- ✓ Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- ✓ IP Mode:IPv4/IPv6/IPv4&IPv6
- ✓ IP Configuration: Static / 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 & AES2

### GENERIC

- ✓ 20 SIP Lines
- ✓ HD Voice
- ✓ Support receiving Video call
- ✓ POE Enabled
- ✓ 3 LCDs (Main + DSS)
- ✓ Handset / Hands-free / Headset mode
- ✓ Intelligent DSS Keys

### VIDEO

- ✓ Video codec: H.264
- ✓ Video call resolution: QCIF / CIF / VG

## PHYSICAL SPECIFICATIONS

- ✓ Main LCD x1: 4.3 inch (480x272) color-screen LCD
- ✓ DSS Key-mapping LCD x2: 3.5 inch (320x480) color-screen LCD
- ✓ Keypad: 77 keys, including
  - 4 Soft-keys
  - 6 Function keys (Hold, Call forward, Phonebook, MWI, Headset, Redial)
  - 4 Navigation keys
  - 1 OK key
  - 1 Return key
  - 12 Standard Phone Digits keys
  - 3 Volume Control keys, Up/Down/Mute(Microphone)
  - 1 Hands-free key
  - 42 DSS Keys with tri-color LED
  - 3 Page-Switch (PS) key
- ✓ HD Handset (RJ9) x1
- ✓ Standard RJ9 Handset Wire x1
- ✓ 1.5M CAT5 Ethernet Cable x1
- ✓ Gooseneck Microphone x1
- ✓ Directional microphone
- ✓ Frequency response: 20Hz~20KHz
- ✓ SNR: ≥60 dB.1kHz at 1 Pa
- ✓ Back Rack x1
- ✓ Gooseneck MIC Port x1: Gooseneck Microphone x1
- ✓ RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- ✓ USB2.0 Port x1: Standard A, Connect with Wi-Fi USB dongle or Flash Driver
- ✓ DC Power Input: 5V/2A
- ✓ Power Consumption (PoE): 2.6~ 9W
- ✓ Power Consumption (Adapter): 2.4~8W
- ✓ Working Temperature: 0~45
- ✓ Working Humidity: 10~95%
- ✓ Installation: Desktop Stand
- ✓ Color: Dark gray    Device Dimensions
- ✓ Desktop Stand (Angles 1): 309 x 214 x 187mm
- ✓ Desktop Stand (Angles 2): 309 x 226 x 167mm
- ✓ Gift Box Dimensions: 323 x 301 x 71mm

The above specifications may be updated in the future without prior notice.  
 All hardware/software/physical features should be based on the final shipped products.



### Compatibilty list

								
								

