

Mitel 6863 SIP Phone

Key Features

- Support for two lines
- Monochrome LCD 2.75" 128x48 pixel graphical display
- Wideband HD audio
- Three programmable hard keys
- Dual Ethernet ports
- XML capabilities
- PoE Class 1



The Mitel 6863 SIP Phone delivers remarkable value in an enterprise grade SIP desktop phone. Sleek and modern in design, this two-line SIP phone with monochrome LCD display, programmable hard keys and smaller desktop footprint is an ideal option for professional workers in business environments that have light telephone use requirements. The Mitel 6863's true HD handset and speakerphone provide remarkable wideband audio quality. Featuring dual 100 BaseT Ethernet ports with a hardware-based Ethernet switch, advanced XML capabilities for configuration and custom applications, and a PoE Class 1 rating, the Mitel 6863 offers powerful functionality at an exceptional value.

Key Features and Benefits

REMARKABLE AUDIO

All 6800 Series SIP Phones feature Mitel's high definition Hi-Q audio technology to deliver enhanced performance and voice clarity. Integrating HD wideband audio codecs, advanced audio processing, and hardware components that support a true wideband frequency range, the 6863 offers a superior voice experience on both handset and speaker, making conversations crystal clear and more life-like.

ENHANCED CALL MANAGEMENT

With extensive storage capacity for personal directories, callers logs, redial lists, and three programmable key entries, the Mitel 6863 SIP Phone can improve efficiency by providing more call information with the push of a button. With dedicated hard keys such as Transfer, Callers List, Hold, Redial, Goodbye, Options, two volume keys, Mute (with LED), Speaker (with LED), and a four-way navigation with Select/OK key, the 6863 is easy to use and efficient for your everyday telephone use.

ENVIRONMENTALLY FRIENDLY

The 6863 offers an efficient Power over Ethernet (PoE) Class 1 power rating as a convenient, environmentally friendly alternative to traditional AC power adapters. The 6863 also supports an optional Efficiency Level “V” compliant power adaptor, if required. With smaller packaging that includes 100% recycled and biodegradable material, the Mitel 6800 series SIP Phones comprise one of the most environmentally friendly family of SIP phones on the market.

Feature Keys

- Up to 2 lines on dedicated line keys with LEDs
- 3 programmable keys that come pre-programmed and labeled with default values (Callers, Redial and Transfer)
- 4-way navigation with Select/OK key
- Dedicated function keys, including Transfer, Callers List, Hold, Redial, Goodbye, Options, 2 volume keys, Mute (with LED) and Speaker (with LED)

Audio and Codecs

- Mitel Hi-Q Audio Technology
- Hearing aid compatible (HAC) handset
- Full-duplex quality speakerphone
- Wideband handset and speakerphone
- Codecs: G.711 μ -law / A-law, G.729, G.722, AMR*, AMR-WB(G.722.2)*, G.726, iLBC, BV16, BV32, L16
- Echo cancellation
- Comfort noise utilization
- Packet loss concealment

Display and Indicators

- Monochrome LCD
- 2.75" 128x48 pixel graphical display
- LED for call and message waiting indication

Security

- User and administrator level passwords for login
- Encryption of configuration files
- HTTPS configuration downloaded and web management
- Phone lock with PIN
- Digest Authentication
- Transport Layer Security (TLS)
- Secure Real-Time Protocol (SRTP)

XML API Capabilities

- Display control based on user actions or events
- Dynamic Phone Configuration
- RTP Streaming Control
- CTI applications
- Extensive XML documentation and sample apps

Localization

- Multilingual support – English, French, Spanish, Italian, German
- Downloadable language pack support for customization and additional language translations
- Country-specific call progress tones and cadences
- Latin1, Latin2 Character sets

Protocol

- IETF SIP (RFC3261) and associated RFCs
- Extensive SIP standards compliance

Networking and Provisioning

- *Dual 10/100 Mbps Ethernet ports with hardware based Ethernet switch*
- *Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup*
- *Support of multiple DHCP options: 2, 12, 42, 43, 60, 66, 77, 120, 132, 159, 160*
- *Time and date synchronization using SNTP*
- *Quality of Service support – IEEE 802.1 p/Q VLAN and priority tagging, Type of Service (TOS), and Differentiated Services Code Point*
- *Integrated HTTP/HTTPS server for web administration and maintenance including a built-in troubleshooting section*
- *Mass deployment via central provisioning of user configuration files – TFTP, FTP, HTTP, HTTPS*
 - *TR-069 support*
- *Redundant server support*
 - *DNS-SRV*
 - *Backup proxy/registrar server support*
- *RTCP support (RFC1889)*
- *RTP streaming for Paging and Intercom applications*
- *IEEE 802.1x*
- *LLDP-MED*

Power

- *PoE Class 1*
- *Level “V” energy efficiency rated power adapters available*
 - *87-00012AAA-A (Europe)*
 - *87-00013AAA-A (North America)*
 - *D6700-0131-48-20 (Universal)*

Package Content

- *Mitel 6863 SIP Phone (80C00005AAA-A)*
- *Handset and coil cord*
- *Adjustable two-angle stand (35° & 60°)*

Available Accessories

- *Wall Mount Kit (80C00011AAA-A)*

*license required