

# Mitel 6867 SIP Phone

## Key Features

- Support for up to 24 lines when connected to an expansion module
- 3.5" QVGA 320x240 pixel color backlit display
- HD wideband audio
- Six programmable soft keys and four programmable context sensitive system keys
- Native DHSG/EHS headset support
- Support for detachable keyboard and up to three expansion modules
- XML capabilities
- PoE Class 2



The Mitel 6867 SIP Phone is designed for power users who demand a lot from both their phones and their networks. The 6867 provides remarkable HD wideband audio and an enhanced speakerphone that uses advanced audio processing to achieve richer and clearer hands-free conversations. Supporting today's high speed networks through dual Gigabit Ethernet ports, the 6867 offers a large color LCD display, six programmable soft keys, four programmable context-sensitive system keys and native DHSG/EHS headset support. When equipped with an optional detachable keyboard and up to three expansion modules, the 6867 becomes a productivity-enhancing 24-line desktop communication tool. With its fully customizable hard key layout, XML capabilities and an environmentally efficient PoE class 2 rating, the 6867 is one of the most advanced SIP desktop phones available on the market today.

## Key Features and Benefits

### REMARKABLE AUDIO

All Mitel 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 6867 offers a superior voice experience on each audio path – handset, speakerphone or headset port – making conversations crystal clear and more life-like.

### LARGE COLOR SCREEN DISPLAY

Mitel 6867 SIP Phone features a high resolution 3.5" QVGA color backlit LCD display that delivers a rich visual presentation to maximize productivity. The large color display, combined with icon based navigation menus and intuitive user interface, makes the many powerful telephony features of the 6867 instinctively easy to use.

## FLEXIBLE HEADSET OPTIONS

The Mitel 6867 SIP Phone offers USB headset support and features an innovative headset port that uniquely provides dual support for DHSG/EHS and modular 4-pin headset connections. Users with wireless headsets that support DHSG/EHS can connect directly to the 6867 using standard third party cables.

## ENVIRONMENTALLY FRIENDLY

All Mitel 6800 series SIP phones have been designed with the environment in mind. Using dynamic PoE class reporting, the 6867 has a PoE Class 2 rating that automatically switches classes when an expansion module is connected, enabling the phone and network switches to efficiently manage power consumption. The Mitel 6867 SIP Phone 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

- 2 dedicated line keys with LEDs
- 6 programmable soft keys with LEDs that can be customized to access up to a total of 20 functions
- 4 context-sensitive system keys that can be customized to access up to a total of 18 functions
- 4-way navigation key with Select/OK button
- Dedicated function keys, including Conference, Transfer, Callers List, Hold, Redial, Goodbye, Options, 2 volume keys, Mute (with LED) and Speaker/Headset (with LED)
- Optional customizable hard keys for personalized key configurations
  - 5 alternative key caps include: DND, CFD, Voice Mail, L3, L4
- Built in USB 2.0 port

## Audio and Codecs

- Mitel Hi-Q Audio Technology
- Hearing aid compatible (HAC) handset
- Full-duplex quality speakerphone
- Codecs: G.711  $\mu$ -law / A-law, G.729, G.722, AMR\*, AMR-WB(G.722.2)\*, G.726, iLBC, BV16, BV32, L16
- Echo cancellation

- Comfort noise utilization
- Voice Quality Metrics, including MOS
- USB, DHSG/EHS, and 4-pin modular headset support

## Display and Indicators

- 3.5" QVGA 320x240 pixel color display
- Intuitive graphical user interface and navigation menus
- Adjustable screen brightness for user comfort in different lighting environments
- Dedicated LED for call and message waiting indication

## Security

- User and administrator level passwords for login
- Encryption of configuration files
- HTTPS configuration download 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

\*license required

## Networking and Provisioning

- *Dual 10/100/1000 Mbps Ethernet ports (LAN/PC)*
- *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 2*
- *Dynamic PoE class changes when expansion modules are added*
- *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 6867 SIP Phone (80C00002AAA-A)*
- *Handset and coil cord*
- *Adjustable two-angle stand (35° & 60°)*

## Accessories

- *M685 LCD Expansion Module (80C00007AAA-A)*
- *M680 Paper Expansion Module (80C00010AAA-A)*
- *K680 QY Keyboard (80C00008AAA-A)*
- *K680 QZ Keyboard (80C00013AAA-A)*
- *K680 AY Keyboard (80C00014AAA-A)*
- *Wall Mount Kit (80C00011AAA-A)*