Mitel 6873 SIP Phone

Powerful, Executive SIP Desktop Phone with SIP open standards support for cloud and on-premises environments

Key Features

- Support for up to 24 lines
- 7" 800x480 pixel Color LCD Touch Display
- HD wideband audio
- Enhanced wideband Speakerphone
- Powered USB port
- Embedded Bluetooth 4.0 Wireless
- PoE Class 3

The Mitel 6873 SIP Phone is designed for power users who demand a lot from their phones. The 6873 offers executives a large 7" touchscreen display, support for today's, and tomorrow's, high speed networks through dual Gigabit Ethernet ports with embedded Bluetooth and a powered USB port for headsets. Providing remarkable HD wideband audio, an enhanced speakerphone and advanced audio processing, the Mitel 6873 SIP Phone will deliver crystal clear hands free conversations.

Through its inbuilt touchscreen keyboard and up to three expansion modules, the 6873 delivers a robust, productivity-enhancing executive desktop communication tool. With its XML capabilities and a PoE class 3 rating, the 6873 is delivering one of the most advanced SIP desktop phones available today.

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Key Features and Benefits

HIGH RESOLUTION COLOR TOUCH DISPLAY

The Mitel 6873 SIP Phone features an exceptionally large high resolution touch LCD display that delivers a rich visual presentation to enable you to maximize your productivity. The 7" (800x480 pixel) color display with touch QWERTY keyboard, combined with icon based navigation menus and an intuitive user interface, makes the many powerful telephony features of the 6873 instinctively easy to use.

REMARKABLE AUDIO

All Mitel 6800 series SIP Phones feature Mitel 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 6873 offers a superior voice experience on each audio path – handset, speakerphone or headset – making conversations crystal clear and more life-like.

FLEXIBLE HEADSET OPTIONS

The Mitel 6873 SIP Phone offers integrated USB and Bluetooth headset support. Users with wireless Bluetooth or USB headsets can now connect directly to the 6873 using these connections.

ENVIRONMENTALLY FRIENDLY

All Mitel 6800 series SIP Phones have been designed with the environment in mind. The Mitel 6873 supports an optional Efficiency Level "VI" compliant power adaptor if required. With smaller packaging that includes 100% recycled and biodegradable material, the Mitel 6800 series is one of the most environmentally friendly family of SIP phones available.

Feature Keys

- *Up to 24 lines with 2 dedicated line keys with LED*
- *48 Programmable soft keys that can be customized over 4 pages*
- *30 Context-sensitive system soft keys that can be customized over 6 pages*
- *Dedicated function keys including:*
  - » *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 µ-law / A-law, G.729, G.722, AMR*, AMR-WB (G.722.2)*, G.726, iLBC, L16*
- *Echo cancellation*
- *Comfort noise utilization*
- *Packet loss concealment*
- *Voice Quality Metrics, including MOS*
- *USB headset support*
- *Embedded Bluetooth 4.0 for headset support*

Display and Indicators

- *7" 800x480 pixel color Touch backlit LCD display*
- *Intuitive graphical user interface and navigation menus*
- *Touch QWERTY/AZERTY keyboard*
- *Adjustable screen brightness for user comfort in different lighting environments*
- *Dedicated LED for call and message waiting indication (MWI)*

Security

- *User administrator level passwords for login*
- *Brute force detection*
- *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*
- *Extensive XML documentation and sample apps*

Localization

- *Multilingual support – English, French, Spanish, Italian, German, Nordic, Russian, Portuguese, Greek*
  - » *Downloadable language pack support for customization and additional language translations*
- *Country-specific call progress tones and cadences*
- *Unicode UTF8 Character sets*

Protocol

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

Power

- *PoE Class 3 (Dynamic switching to Class 4 with expansion modules). IEEE 802.af and 802.at compliant*
- *Level "VI" energy efficiency rated power adapters available*

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*
- *Network Address Translation (NAT) support*
- *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*
- *Mitel redirection and configuration service support (zero touch deployment)*
- *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*
- *LDAP, EXCHANGE*

Package Contents

- *Mitel 6873 SIP Phone (50006790)*
- *Handset and coil cord*
- *Adjustable 2-angle stand (30° & 60°)*

Accessories

- *M685 LCD Expansion Module (80COOOO7AAA-A)*
- *M680 Paper Expansion Module (80COOO1OAAA-A)*

Operating conditions

- *Temperature: 0 to 40°C (+32 to 104°F)*
- *Relative Humidity: 5% to 95%, Noncondensing*

Storage temperature

- *-40 to +70° C (-40 to +160° F)*

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