

# Mitel 6800 Series SIP Phones



Versatile family of SIP phones with robust functionality for any sized office

The Mitel 6800 series offers a range of phones with a breadth of features, such as color graphical displays, GigE Ethernet ports and DHSG/EHS headset support.

## Accessories

### EXPANSION MODULES

Mitel offers a choice of two Expansion Modules, enabling the Mitel 6800 series SIP phones to become robust productivity-enhancing desktop communication tools. Powered directly from the phone, up to three modules can be daisy-chained together to provide additional programmable keys supporting advanced features such as SCA, BLF, and speed dial.



M685 Expansion Module

#### M685 EXPANSION MODULE

The M685 features a color LCD screen and 28 programmable keys, with the ability to scroll through three pages of programmed entries.

- Supported on the 6865, 6867 and 6869
- 28 programmable softkeys with LEDs
- 4.3" 480x272 pixel color backlit LCD display
- Can be daisy chained with the M680 for a combined total of up to 3 modules
- Powered by the phone—no separate power adapter required
- Part number: 80C00007AAA-A



M680 Expansion Module

#### M680 EXPANSION MODULE

The M680 is compact, cost-efficient, and provides 16 additional programmable keys with built-in LEDs.

- Supported on the 6865, 6867 and 6869
- 16 programmable keys with LEDs
- Paper insert labeling
- Can be daisy chained with the M685 for a combined total of up to 3 modules
- Powered by the phone—no separate power adapter required
- Part number: 80C00010AAA-A



K680 Keyboard

## K680 DETACHABLE MAGNETIC KEYBOARD

The K680 Detachable Magnetic Keyboard magnetically attaches to the 6867 and 6869 models to allow easy and quick navigation through features and directories.

- Supported on the 6867 and 6869 models
- Magnetically connects to phone
- QWERTY, QWERTZ, AZERTY versions
- Powered by the phone—no cables or batteries required
- Part numbers:
  - 80C00008AAA-A (QWERTY)
  - 80C00013AAA-A (QWERTZ)
  - 80C00014AAA-A (AZERTY)



Wall-Mount Kit

## WALL-MOUNT KIT

All Mitel 6800 Series SIP phones can be wall-mounted safely and securely. The wall-mount kit has a two piece slide-and-lock design and includes a short Ethernet cable, making installation simple and efficient.

- 2 fixed angles to choose from: 10° and 20° (6869 offers 20° angle only)
- Part number: 80C00011AAA-A



AC Adapters

## AC ADAPTER

Mitel (48v) AC Adapters are energy efficient Level V compliant with a choice of regional interfaces – support for 100-240VAC and 47-63Hz inputs.

- 87-00012AAA-A (Europe)
- 87-00013AAA-A (North America)
- D6700-0131-48-20 (Universal)

	6863	6865	6867	6869
<b>Telephone Hardware Features</b>				
Ethernet ports	Dual 10/100 Mbps	Dual 10/100/1000 Mbps	Dual 10/100/1000 Mbps	Dual 10/100/1000 Mbps
Programmable Soft keys with LED's (# of functions)	0	0	6(20)	12(44)
Programmable context-sensitive system keys (# of functions)	0	0	4(18)	5(24)
Programmable keys (paper label)	3	8	0	0
Re-programmable hard function keys (keycaps)			•	•
Full-duplex speakerphone	•	•	•	•
Native HD frequency range hardware	•	•	•	•
Magnetic keyboard interface			•	•
DHSG/EHS headset port		•	•	•
Modular 4 PIN headset port		•	•	•
Expansion module support		Up to 3	Up to 3	Up to 3
USB 2.0 port			•	•
Display screen size	2.75"	3.4"	3.5"	4.3"
Display screen resolution	128x48 pixels	128x48 pixels	320x240 pixels	480x272 pixels
Display screen type	monochrome	monochrome	color	color
Backlit display		•	•	•
Visual message waiting indication	•	•	•	•
<b>Telephony Features</b>				
Number of lines	2	24 (with expansion module)	24 (with expansion module)	24
Multi-line, multi-proxy registration support	•	•	•	•
Outbound proxy support	•	•	•	•
Busy lamp field (BLF)		•	•	•
Priority alert/distinctive ringing	•	•	•	•
Call forward / Call waiting display	•	•	•	•
Do not disturb (DND)	•	•	•	•
Local 3-Way conference	•	•	•	•
Missed call indicator	•	•	•	•
Multicast Group paging	•	•	•	•
Intercom/Auto answer capability	•	•	•	•
Directory Name/Number capacity	200	200	200	200
Callers log Name/Number capacity	200	200	200	200
Last Number Redial capacity	100	100	100	100
<b>Audio and Codec</b>				
Mitel Hi-Q Audio Technology	•	•	•	•
G.711, G.726, G.729, G.722, AMR*, AMR-WB (G.722.2)*, iLBC	•	•	•	•
Voice Quality Metrics (incl. MOS)	•	•	•	•
<b>Power Options</b>				
Power over Ethernet	Class 1	Class 2	Class 2	Class 3
Dynamic PoE Class Switching	N/A	Class 2 to Class 3 with M685	Class 2 to class 3 with modules	N/A
AC adapter (optional)	Level V efficiency	Level V efficiency	Level V efficiency	Level V efficiency

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<b>Network Support and Interfaces</b>				
IETF SIP (RFC3261)	•	•	•	•
802.1p/q VLAN tagging & TOS	•	•	•	•
802.1X support	•	•	•	•
STUN, TURN, NAT	•	•	•	•
IETF DHCP, SNTP	•	•	•	•
SRTP and TLS security	•	•	•	•
LLDP-MED	•	•	•	•
<b>Application Support</b>				
XML support for advance applications	•	•	•	•
<b>Configuration / Administration</b>				
Telephone UI/ Web UI	•	•	•	•
Vendor, Model, MAC level configuration files	•	•	•	•
Encryption of configuration files	•	•	•	•
Zero touch configuration	•	•	•	•
Multilingual support	•	•	•	•
Part Number	80C00005AAA-A	80C00001AAA-A	80C00002AAA-A	80C00003AAA-A