Aastra SIP Phones

Aastra 6800i Series with MX-ONE

The 6800i Series is a family of powerful and modern SIP-based products offering advanced interoperability with major IP Telephony platforms. All Aastra enterprise-grade 6800i Series IP telephones have a sleek and modern industrial design with remarkable HD wideband audio and an enhanced speakerphone and superior audio processing to achieve richer and clearer hands free conversations. In addition, all models feature a highly compact desktop footprint and cutting-edge eco-friendly features. The Aastra 6800i Series offer a range of phones with a breadth of features such as color graphical displays, GigE Ethernet ports and DHSG/EHS headset support, as well as an extensive array of accessories including; expansion modules, detachable keyboard and wall mount.

Aastra 6863i

The Aastra 6863i delivers exceptional value in an enterprise grade SIP desktop phone.

This 2-Line SIP phone with its 2.75" graphical 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.

- ✦ 2.75" 128x48 pixel graphical display
- ✦ Up to 2 lines with dedicated line keys
- ✦ Wideband handset and speaker-phone
- ✦ Dual 10/100 BaseT Ethernet ports with hardware based switch
- ✦ 3 Programmable keys pre-programmed and labelled with Callers List, Redial and Transfer
- ✦ Compact footprint

Aastra 6863i

Aastra 6865i

The Aastra 6865i offers exceptional value in a fully featured, expandable IP phone.

With its 8 programmable keys, XML capabilities, Expansion Module and native DHSG/EHS support, the Aastra 6865i SIP phone is ideally suited for the small to large business market that needs Gigabit throughput for PC connectivity.

- ✦ 3.4" 128x48 pixel graphical backlit display
- ✦ Up to 9 lines with 2 dedicated line keys with LED
- ✦ Wideband handset and speaker-phone
- ✦ Dual GigE Ethernet Ports
- ✦ DHSG/EHS headset and Expansion Module support
- ✦ 8 Programmable keys with LEDs

Aastra 6865i

Aastra 6867i

The Aastra 6867i provides remarkable HD wideband audio and an enhanced speakerphone that utilizes dual microphones and advanced audio processing to achieve richer and clearer conversations. The 6867i offers a large color LCD display, dual port GigE, 6 programmable soft keys, 4 context sensitive system keys, native DHSG/EHS headset and Expansion Module support.

- ✦ Color 3.5" QVGA 320x240 pixel LCD display
- ✦ Up to 9 lines with 2 dedicated line keys with LED
- ✦ Magnetic Keyboard Interface
- ✦ Dual GigE Ethernet Ports
- ✦ DHSG/EHS headset and Expansion Module support
- ✦ 6 Programmable soft keys with LED's 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

Aastra 6867i

Aastra 6869i

The Aastra 6869i phone commands the desktop with its large 4.3" color display, powerful crystal clear HD audio and 12 programmable soft keys. Dual Gigabit Ethernet ports, magnetic keyboard interface, native DHSG/EHS headset support and choice of expansion modules make the 6869i a powerful and expandable desktop communication device.

- ✦ Large color 4.3" 480x270 pixel LCD display
- ✦ Up to 12 lines with 2 dedicated line keys with LED
- ✦ Magnetic Keyboard Interface
- ✦ 2 GigE Ethernet Ports (LAN/PC)
- ✦ DHSG/EHS headset support/ Expansion module support.
- ✦ 12 Programmable soft keys with LED's that can be customized to access up to a total of 40 functions
- ✦ 5 Context-sensitive system keys that can be customized to access up to a total of 24 functions

Aastra 6869i

	6863i	6865i	6867i	6869i
Telephone Hardware Features				
Ethernet ports (Mbps)	Dual 10/100 Mbps	Dual 10/100/1000	Dual 10/100/1000	Dual 10/100/1000
Programmable soft keys with LED's (# of functions)*	0	0	6 (20)	12 (40)
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 resoltion (pixels)	128x48	128x48	320x240	480x270
Display screen type	monochrome	monochrome	color	color
Backlit display		•	•	•
Visual message waiting indication	•	•	•	•
Telephony Features				
Number of lines	2	9	9	12
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)	•	•	•	•
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
Audio and Codec				
Aastra Hi-Q™ Audio Technology	•	•	•	•
G.711, G.726, G.729, G.722, iLBC	•	•	•	•
Voice Quality Metrics (incl. MOS)	•	•	•	•
Power Options				
Power over Ethernet	Class 1	Class 2	Class 2	Class 3
Dynamic PoE Class Switching	N/A	Class 2 to Class 3 with modules	Class 2 to Class 3 with modules	N/A
AC adapter (optional)	Level V efficiency	Level V efficiency	Level V efficiency	Level V efficiency
Network Support and Interfaces				
IETF SIP (RFC3261)	•	•	•	•
802.1p/q VLAN tagging & TOS	•	•	•	•
802.1X support	•	•	•	•
STUN, TURN, NAT	•	•	•	•
IETF DHCP, SNTP	•	•	•	•
SRTP and TLS security	•	•	•	•
LLDP-MED	•	•	•	•
Application Support				
XML support for advance applications	•	•	•	•
Configuration / Administration				
Telephone UI/ Web UI	•	•	•	•
Vedor, Model, MAC level configuration files	•	•	•	•
Encryption of configuration files	•	•	•	•
Zero touch configuration	•	•	•	•
Multilingual support	•	•	•	•
Part Number	80C00005AAA-A	80C00001AAA-A	80C00002AAA-A	80C00003AAA-A

* The Aastra 6800i telephones support dynamic display presentation in order to best utilize the display area and the available soft keys.
   MX-ONE uses up to 5 soft keys (hard keys) for context sensitive services in various call situation.
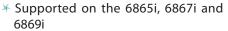
Accessories

Expansion Modules

Aastra offers a choice of two Expansion Modules enabling 6800i Series phones to become robust productivity-enhancing desktop communication tools. Powered directly from the phone, up to 3 modules can be daisy chained together providing additional programmable keys supporting advanced features such as SCA, BLF and Speed Dial.

M685i

The color LCD display of the M685i Expansion Module is a perfect addition for the Aastra 6865i, 6867i and 6869i SIP phones. Providing 28 keys with LED and the ability to page through 3 sets of 28 keys gives outstanding flexibility and expandability.

- ✦ Supported on the 6865i, 6867i and 6869i
- ✦ 28 programmable softkeys with LED
- ✦ 4.3" 480x270 pixel color backlit LCD display
- ✦ Can be daisy chained with the M680i for a combined total of up to 3 modules
- ✦ Powered by the phone; no separate power adapter required

M685i Module

M680i

The M680i Expansion Module is a compact and cost efficient addition for Aastra 6800i Series SIP phones providing 16 additional programming keys. Each key has a built in LED enabling support of advanced features like BLF, SCA as well as Speed Dial.

- ✦ Supported on the 6865i, 6867i and 6869i
- ✦ 16 programmable keys with LEDs
- ✦ Paper insert labeling
- ✦ Can be daisy chained with the M685i for a combined total of up to 3 modules
- ✦ Powered by the phone; no separate power adapter required

M680i Module

K680i Detachable Magnetic Keyboard

The K680i magnetically connected keyboard provides a full QWERTY keyboard for a more natural typing interface. The Keyboard helps to easily facilitate dial by name, directory search, XML applications and more.

- ✦ Supported on the 6867i and 6869i models
- ✦ Magnetically connects to phone
- ✦ QWERTY, QWERTZ, AZERTY versions
- ✦ Powered by the phone
- ✦ No cables or batteries are required

K680i Keyboard

Wall-Mount Kit

All Aastra 6800i Series SIP phones can be 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.

- ✦ Harmonized mount supported on all 6800i Series SIP phones
- ✦ 2-piece slide & lock design for simple installation
- ✦ 1-fixed phone angle (10º)
- ✦ Screw lock feature to prevent theft
- ✦ Includes short Ethernet cable

6800i Series Wall-Mount Kit

AC Adapter

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

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

AC Adapter

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