

Metaswitch & Aastra VoIP Telephones Interoperability Guide



SIP Phones from Aastra

Aastra's 6700i series is a complete portfolio of powerful and flexible SIP-based endpoints. With models ranging from entry level, value-priced to high-end executive models, all Aastra SIP phones are enterprise-grade and offer exceptional quality and value. All of the 6700i models include:

- ✦ Embedded XML browser
- ✦ Aastra's Hi-Q™ wideband audio
- ✦ Full-duplex speakerphone
- ✦ Multiple line/call appearance lights
- ✦ Extensive storage capacity for directories
- ✦ Simplified deployment
- ✦ Intuitive, user friendly screen menus and interfaces.

Available as free upgrade on all 6700i series phones

Aastra's Hi-Q™ audio is a software based acoustic optimization, backwards compatible with existing 67xxi series SIP phones, delivering a more life-like conversation and richer user experience via an industry standard G.722 wideband codec. This innovative software-only upgrade works on existing hardware and is available as a free download from Aastra.

Aastra Hi-Q enhances the clarity of voice calls making it easier to understand all that is said. Providing a truly superior voice experience and greater productivity, the benefits of this enriched sound can be clearly heard on both handset and speakerphone. Aastra Hi-Q audio technology is included in the 67xxi firmware version 2.5.0 or later, and is easily configurable. Once configured, it is automatically enabled for calls that successfully negotiate the use of G.722 codec. Combining sophisticated software and advanced system design, Aastra once again delivers highly innovative products with competitive price points.

To learn more about Aastra Hi-Q audio technology, or to download the free upgrade, please visit www.aastraHi-Q.com



Aastra 6739i Color
Touchscreen SIP phone

Aastra Hi-Q™

Metaswitch Accredited

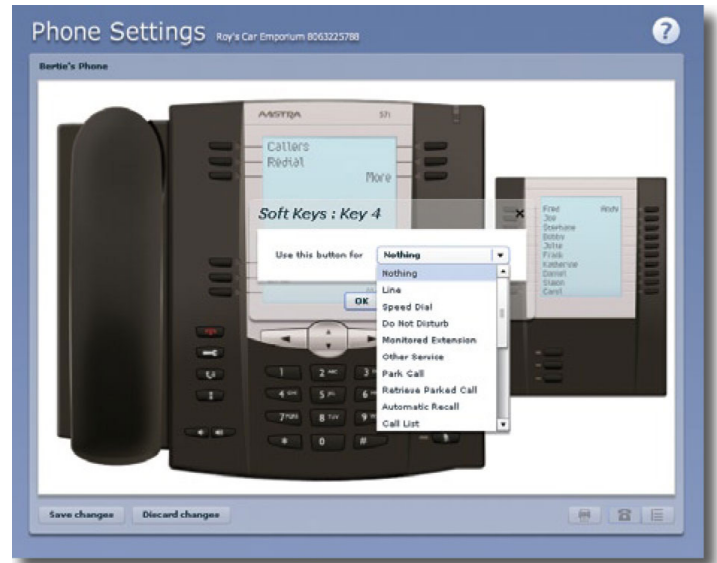
Aastra's SIP phones have been tested and verified as interoperable with Metaswitch. Metaswitch's interoperability program is one of the most comprehensive programs in the industry, enabling customers to deploy multi-vendor solutions more quickly and confidently, knowing that extensive testing has already been completed.



Beyond Interoperability – Delivering Advanced Integration

Leveraging a strong partnership, Aastra and Metaswitch have worked together to enhance the user experience as well as ease deployment and administration of the solution, delivering features such as:

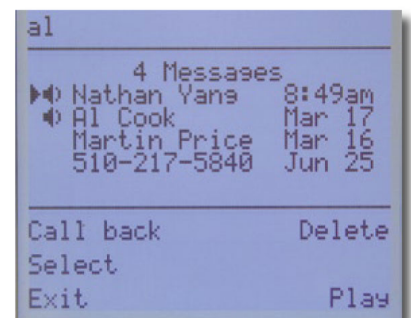
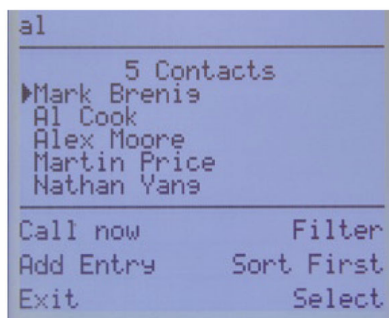
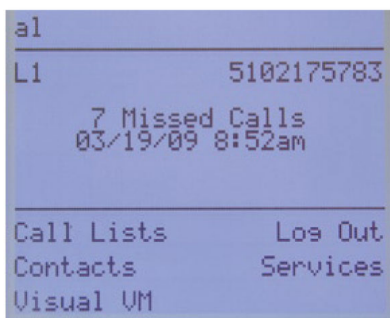
- ✦ Busy Lamp Field (BLF)
- ✦ One key call park
- ✦ One key transfer using a speed dial or a BLF key
- ✦ Group paging using local resources
- ✦ And many more.



Aastra 6757i - Enhanced user interface

Enhanced Business Services

In order for carriers to compete for business subscribers, they must supply advanced, feature-rich integrated communications solutions. Metaswitch and Aastra provide critical pieces of this solution.





Aastra Phone Model	6730i	6731i
Voice Lines	6	6
Ethernet Ports	1	2
High Resolution Graphical Display	3 Line LCD	3 Line LCD
PoE Support		•
Side Car Capable		
G.722 HD Voice	•	•
Special Features		
Aastra specific feature, Premise Based Group Paging	•	•
List Price	\$99.99	\$129.99
CommPortal Phone Configurator™ Support	•	•
CommPortal Phone Support		
Message List		
Network Contacts		
Network Call List		
Hot Desking		
Service Provisioning		
Business Phone Features		
3-way Calling	•	•
3-way Consultative Call Transfer	Not Supported	Not Supported
Attended Call Transfer (no 3-way period)	•	•
Automatic Callback	•	•
Basic Call Park and Retrieval	•	•
Basic Endpoint Functionality	•	•
Basic Endpoint Functionality - Authenticated	•	•
Blind Call Transfer	•	•
Busy Lamp Field	•	•
Busy Lamp Field Pickup	•	•
Call Forwarding	•	•
Call Waiting	•	•
Calling Name Display	•	•
Calling Number Display	•	•
Cancel Call Waiting	•	•
Digit Map Programming	•	•
Distinctive Ringing - Priority Calling	•	•



Business Phone Features	6730i	6731i
Distinctive Ringing - Teen Services	•	•
Endpoint Voicemail - Basic Functionality	•	•
Endpoint Voicemail - Visual Message Waiting Indicator	•	•
Enhanced Call Park	•	•
Enhanced Park Orbit Monitoring	•	•
Enhanced Parked Call Retrieval	•	•
Fault Tolerance and disconnection (Single Interface Devices)	•	•
G.711 Codec	•	•
G.726-32 Codec	Not Tested	Not Tested
G.729 Codec	•	•
Hot Line	•	•
Multiple Appearance Directory Numbers	•	•
Multiple Line Hunt Groups	•	•
On-device media mixing for multi-party calls	•	•
Originating Intercom Calls	•	•
Originating Push-to-Talk Calls	Not Supported	Not Supported
Receiving Intercom Calls	•	•
Receiving Push-to-Talk Calls	•	•
RFC2833 (Out Of Band) DTMF Transmission	•	•
Shared Line Appearance	•	•
Shared Line Appearance Private Call Hold	Not Supported	Not Supported
Silence Suppression	•	•
Simple Star Code Services	•	•
SIP Call Forking	•	•
Support for MetaSwitch Call Agent Protection Switch	•	•
Support for MetaSwitch Media Gateway Protection Switch	•	•
TCP Communication	•	•
VoIP Voice Quality Monitoring	Not Tested	Not Tested
Warm Line	•	•

CommPortal Phone Applications working with Aastra IP Phones

Going even further, Aastra's XML-enabled SIP phones connect business processes and people to critical information by providing display-based access to services and applications. Users can easily acquire information and perform tasks from their Aastra SIP phone with these Metaswitch Accredited features:

- ✦ Message List – shows users their voicemails in an on-screen list and allows them to listen to and manage messages.
- ✦ Network Contacts – enables users to use and update their CommPortal contact list directly from their phone handset.



6739i	6753i	6755i	6757i	6757i CT
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✦ Network Call Lists – displays missed, dialed, received and rejected calls, allowing return calls with a single key press

✦ Hot Desking – allows users to log on and off from individual phone handsets, by entering their phone number and password.

On the management side, Aastra’s wide range of SIP phones is now fully supported by the Metaswitch Provisioning Solution, simplifying deployment and configuration.



About Aastra USA

Aastra USA Inc. is the US business unit of Aastra Technologies Limited, a company at the forefront of the enterprise communication market. Headquartered in Concord, Ontario, Canada, Aastra develops and delivers innovative communications products and applications for businesses. Aastra's operations are truly global with more than 50 million installed lines around the world and a direct and indirect presence in more than 100 countries. Aastra is entirely dedicated to enterprise communications and offers IP telephony and Unified Communications solutions individually tailored to satisfy its customers' requirements. These range from feature-rich call managers for small and medium businesses and highly scalable ones for large enterprises, integrated mobility, call center solutions to a wide selection of terminals. With a strong focus on open standards, Aastra enables enterprises to communicate and collaborate more efficiently.

For additional information about Aastra please visit www.aastrausa.com

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