



# Aastra 6735i

## HD Audio and GigE in an Expandable IP Telephone

The 6735i brings HD Audio and GigE to Aastra's popular mid-market phone offering. Providing dual Gigabit Ethernet ports via an integrated Gigabit Ethernet switch, the 6735i is built for today's high bandwidth network environments. The 6735i combines the exceptional voice quality of HD audio with powerful features and flexibility in a standards based, carrier-grade advanced level expandable IP telephone. With a sleek and elegant design, 144 x 75 pixel backlit LCD display and 6 dynamic context-sensitive softkeys, the 6735i is fully interoperable with leading IP Telephony platforms, offering advanced XML capability to access custom applications and support for up to 9 calls simultaneously. The 6735i is ideally suited for moderate to heavy telephone users who require several one touch feature keys and XML based programs, in a Gigabit network environment.



## Key Features and Benefits:

### ✦ HD Audio

The 6735i incorporates HD audio technology to deliver enhanced performance and voice clarity. Integrating wideband audio software and hardware, the Aastra 6735i maximizes the acoustic performance to deliver a remarkable audio experience on every call, whether using the handset, hands-free speakerphone or headset port.

### ✦ XML Browser

The Aastra 6735i is equipped with XML browser capabilities and a large display with dynamic softkeys to easily access customized services and applications. This allows creation of internal service applications using development guides available from Aastra. This feature provides unlimited potential to customize the 6735i to meet your specific business needs or vertical applications using the display and keypad.

### ✦ Enhanced Call Management

With extensive storage capacity for personal directories, callers logs, redial lists and 12 programmable keys, the Aastra 6735i can improve efficiency by providing more call information with the push of a button. This includes features such as shared call and bridged line appearances, call forward, call transfer, call waiting, intercom and 3-way conference providing enhanced call flexibility and control.

### ✦ Expandability

The Aastra 6735i offers two different module extension options. It supports up to three Aastra M670i modules, each offering 36 keys with LED indicators to create a feature rich attendant console. Or, it will also support up to three of the advanced Aastra M675i modules, each offering 60 keys with a screen based LCD display and LED system.

### ✦ Simplified Deployment

The Aastra family of IP telephones are designed to save your business time and money. Dual auto-sensing Gigabit switch Ethernet ports eliminate additional wiring and simplify installations. Integrated IEEE 802.3af Power-over-Ethernet allows easy deployment with centralized powering and backup.

- Up to 9 lines with call appearances
- Multi-proxy support
- Distinctive ringing, priority alerting
- XML support for productivity-enhancing applications
- Personal directory
- Call forward/Call transfer/Call waiting/Call timer
- Caller and calling line information
- Callers log
- Local 3-way Conference
- Intercom with auto-answer
- Paging and auto-answer capabilities
- Redial list
- Do Not Disturb
- Programmable number pad speed dial
- Live dial pad support
- Missed Call Notification
- One-touch call transfer, conference or call park
- Busy Lamp Field (BLF)
- Shared call and bridged line appearances
- HD Audio\*

## Feature Keys

- Up to 9 lines with call appearances
- 4 line/call appearance buttons with LEDs
- 4 navigational keys
- 6 customizable softkeys with LEDs, programmable up to 20 functions
- 6 additional programmable keys with LEDs
- 8 dedicated hard keys including Hold, Redial, Speakerphone/Headset toggle, Mute, Options, Goodbye, 2 volume keys

## Audio and Codecs

- HD Audio\*
- Hearing aid compatible (HAC) handset
- Full-duplex quality speakerphone
- Codecs: G.711  $\mu$ -law / A-law, G.729, G.722 wideband, BV16, BV32, L16
- Independent volume setting for handset/speaker/headset
- Echo cancellation
- Comfort noise
- Packet loss concealment
- Modular Headset Connector with built-in amplifier
- Electronic Hookswitch (EHS) support for wireless headsets
- Voice Quality Metrics, including MOS

## Display and Indicator

- 144x75 pixels graphical backlit LCD display
- Soft white backlight for user comfort in any lighting environment
- Backlight Auto-on setting with configurable timer (power saving)
- LED for call and message waiting indicator

## 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 on events
- Dynamic Phone Configuration
- RTP Streaming control
- CTI applications
- See XML API Documentation for more details

## Interoperability

- Visit [www.aastratelecom.com/lpphones](http://www.aastratelecom.com/lpphones) for an up to date listing of approved vendor/interoperability

## Expansion Modules

- Supports up to 3 M670i or M675i modules

## Localization

- Multi-lingual support – English, French, Spanish, Italian, German
  - > Downloadable language pack support for customization and additional language translations
- Country-specific call progress tones and cadences
- Latin1, Latin 2 Character set

## Protocol

- IETF SIP (RFC3261) and associated RFCs

## Networking and Provisioning

- Dual 10/100/1000 Mbps switched Ethernet ports
- Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup
- Support of multiple DHCP options: 66, 60, 43, 77, 159, 160
- Time and date synchronization using SNTP
- Quality of Service (QoS) support – IEEE 802.1 p/Q VLAN and priority tagging, Type of Services (TOS), and Differentiated Services Code Point
- Network Address Translation (NAT), STUN, TURN 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
- Redundant server support
  - > DNS-SRV
  - > Local backup registrar and/or proxy server
- RTCP support (RFC1889)
- RTP streaming for Paging and Intercom applications
- IEEE 802.1x
- LLDP-MED

## Power

- Integrated IEEE 802.3af Power Over Ethernet support
- AC adapter (48V DC) sold separately. AC adapter is required if using more than a single expansion module

## Package Contents

- Aastra 6735i phone
- Handset and coil cord
- 2 x Footstand
- Ethernet cable
- Wall mounting kit
- Installation Guide

## Physical

- 23.5 cm W x 20.8 cm D x 8.0 cm H (9.3"W x 8.2"D x 3.2"H)
- 940 g (33.0 oz)
- 4 position footstand
- Wall mountable

## Operating Conditions

- Operating Conditions:
  - > Temperature: 0°C to 50°C (32°F to 122°F)
  - > Relative Humidity: 20% to 90%, non-condensing
- Storage Temperature: -50°C to 70°C (-58°F to 158°F)

## Regulatory

### CE

- ROHS compliant
- WEEE (2002/96/EC)
- CE Mark (89/336/EEC EMC Directive and 73/23/EEC Low Voltage Directive)

### EMC

- FCC Part 15 Class B
- ICES-003 Class B
- AS/NZS 3548 Class B
- EN55022 Class B
- CISPR22 Class B
- EN55024
- EN61000 4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-11

### Safety

- CAN/CSA C22.2 No. 60950
- EN 60950
- UL 60950-1

### Telecom

- FCC Part 68 (Hearing Aid Compatibility)
- AS/ACIF S004

## Part Numbers

- A6735-0131-10-01 – Power adapter sold separately. Eng Kpad
- A6735-0131-10-55 – Power adapter sold separately. Symbol Kpad.

## Recommended Power Adapters

- D0023-1051-02-75 (North America)
- D0023-1051-00-75 (Universal)

\* Requires proper setup of G.722 wideband codec

## Aastra Technologies

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