

### Exceptional Features and Value in an Advanced Featured, Expandable IP Telephone

The Aastra 55i offers 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 55i is fully interoperable with leading IP Telephony platforms, offering advanced XML capability to access custom applications and support for up to 9 calls simultaneously.

Part of the Aastra 5i Series of IP telephones, the 55i is ideally suited for moderate to heavy telephone users who require more one touch feature keys and XML based programs.



#### Key Features and Benefits:

##### » XML Browser

The Aastra 55i is equipped with XML browser capabilities and a large display with dynamic softkeys to easily access customized services and applications. Create internal service applications using development guides available from Aastra. This feature provides unlimited potential to customize the 55i 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 and redial lists and 12 programable keys, the Aastra 55i can improve efficiency by providing more call information with the push of a button. Features such as shared call and bridged line appearances, call forward, call transfer, call waiting, intercom and local 3-way conference increase call flexibility and control.

##### » Expandability

The Aastra 55i supports up to three Aastra 536M modules, each offering 36 keys with LED indicators to create a feature rich attendant console.

##### » Remarkable Audio

All Aastra IP telephones offer full-duplex speakerphone with excellent voice clarity and delivery. With years of experience in telecommunications and telephone design, Aastra can ensure superior voice quality on every product we sell.

##### » Simplified Deployment

From initial deployment and configuration to future enhancements and upgrades, the Aastra family of IP telephones are designed to save your business time and money. Dual auto-sensing switched Ethernet ports eliminate additional wiring and simplify installations. Integrated IEEE 802.3af Power-over-Ethernet allows easy deployment with centralized powering and backup. Easily created configuration files, using any text editor, can be used to configure phones individually or centrally.

#### Feature Highlights\*

- » Up to 9 call appearance lines
- » Shared Call and Bridged Line Appearances
- » Multi-proxy support
- » Distinctive ringing, priority alerting
- » XML browser
- » Personal directory
- » Call forward/Call transfer/Call waiting
- » Caller and calling line information
- » Callers log
- » Local 3-way conference
- » Intercom with auto-answer
- » Redial list
- » Do Not Disturb
- » Live dial pad or pre-dial support
- » Digium's Asterisk Business Edition – supports Busy Lamp Field (BLF), Intercom
- » BroadSoft's BroadWorks enhanced SIP – supports Shared Call Appearances, Busy Lamp Field (BLF), CommPilot Call Manager
- » Nortel's MCS 5100/5200 SIP supports – Conferencing, Voicemail, and NAT Traversal
- » Sylanro's SIP – supports Bridged Line Appearances (BLA), ComCierge, Call Park/Pickup, Conference

\* Feature availability dependant on IP telephony systems

## 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 positions footstand
- » Wall mountable

## Power

- » AC wall adapter included
- » Integrated IEEE 802.3af Power Over Ethernet (PoE) support

## Audio

- » Hearing aid compatible (HAC) handset
- » Full-duplex quality speakerphone
- » Modular headset connector with built-in amplifier
  - Non-amplified business headsets are recommended

## Display and Indicator

- » 144x75 pixels graphical LCD display
  - Soft white backlight for user comfort in any lighting environment
  - Configurable for Always On, Always Off, or Auto (power saving)
- » LED for call and message waiting indicator

## Feature Keys

- » 4 call appearance lines with LEDs
- » 4 navigational keys
- » 6 customizable softkeys with LEDs, programmable up to 20 functions
- » 6 programmable keys with LEDs
- » 8 predefined hard keys
  - Goodbye
  - Options
  - Hold
  - Redial
  - Speakerphone/Headset toggle
  - Mute
  - 2 volume keys

## Security

- » User and administrator level passwords
- » Encryption of configuration files
- » HTTPS configuration download and web management
- » Phone lock with PIN

## Interoperability

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

## Expansion Module

- » Aastra 536M – 36-keys paper label module with LEDs
  - Scalable up to 3 modules or 108 keys
  - No additional external power required; direct power from phone

## 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

## Protocols / Codecs

- » IETF SIP (RFC3261 and associated RFCs)
- » G.711  $\mu$ -law / A-law
- » G.729

## Networking

- » Dual 10/100 Mbps switched Ethernet ports
- » Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup
- » 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) 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

## Accessories

- » Aastra 536M – 36-keys paper label expansion module
- » A1736-0000-10-55 (Universal)
- » Optional midspan Power Over Ethernet (POE) injector available, but not provided, for networks that do not supply power
  - D0023-0031-00-00 (North America)
  - D0023-0031-PS-00 (International)



## Package Contents

- » Aastra 55i IP telephone
- » Handset and coil cord
- » 2x Footstand
- » AC wall adapter
- » Network cable
- » Programmable keys label
- » Installation Guide
- » Wall mount kit

## 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
- » VCCI 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/NZS S004

### RF

- » FCC Part 15 Class C
- » EN 300-328
- » EN 301 489
- » AS/NZS 4771

## Part Numbers

- » A1755-0131-10-05 – North America (120V power adapter)
- » A1755-0131-10-55 – International (Universal power adapter)

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