Exceptional Features and Value in a Basic Level IP Telephone

The Aastra 51i offers features and flexibility in an open-standards based, carrier grade basic level IP telephone. With a sleek and elegant design and LCD display the 51i is fully interoperable with leading IP Telephony platforms, offering advanced XML capability to access custom applications and support for high-quality SIP communications.

Part of the 5i Series of IP telephones, the 51i is ideally suited for light use small and medium business applications such as lobbies, common areas or individual user environments where single line high-quality SIP communication is required.

Key Features and Benefits:

» **XML Browser**

The Aastra 51i is equipped with XML browser capabilities allowing access to customized services and applications. Create internal service applications using development guides available from Aastra. This feature provides unlimited potential to customize the 51i to meet your specific business needs or vertical applications using the display keypad.

» **Enhanced Call Management**

With extensive storage capacity for personal directory, callers log, and redial list, the Aastra 51i 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 and call waiting increase call flexibility and control.

» **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*

» 1 call appearance
» Shared call and bridged line appearances
» Distinctive ringing, priority alerting
» XML browser
» Personal directory
» Call forward, Call transfer, Call waiting
» Caller and calling line information
» Callers log
» Intercom reception with auto-answer
» Redial list
» Do Not Disturb
» Live dial pad support
» Supports Busy Lamp Field (BLF) monitoring by other end points*
» Digium's Asterisk – Bridged Line Appearances (BLA), Intercom
» Broadsoft's BroadWorks Enhanced SIP – supports Shared Call Appearances, CommPilot Call Manager, Call Park/Pickup, Priority Alerting
» Nortel's MCS 5100/5200 SIP support – Voicemail, and NAT Traversal support
» Sylantro's SIP–B support - Last Call return, Warn line and Hot Line, Distinctive ringing, Call Park/Pickup, and Centralized Conferencing among others

* Feature availability dependant on IP telephony systems

Your Connection to the World

AASTRA

Physical

- » 20.8 cm W x 23.5 cm D x 8.0 cm H (8.2"W x 9.3"D x 3.2"H)
- » 889g (31.3 oz)
- » 4 positions footstand
- » Wall mountable

Power

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

Audio

- » Hearing aid compatible (HAC) handset
- » Full-duplex quality speakerphone

Display and Indicator

- » 3 line LCD display
- » LED for call and message waiting indicator

Feature Keys

- » 1 call appearance
- » 4 navigational keys
- » 9 configurable speed-dial keys using number keypad
- » 9 predefined hard keys, plus 2 volume keys:
  - • Goodbye
  - • Services
  - • Hold
  - • Redial
  - • Save
  - • Delete
  - • Swap
  - • Speakerphone
  - • Mute

Protocols / Codecs

- » IETF SIP (RFC3261) and associated RFC drafts
- » G.711 μ-law / A-law
- » G.729

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

Security

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

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

Interoperability

- » 5xi series common interoperability certifications. See latest software release notes for up to date information

Part Numbers

- » A1751-0131-10-01 – 51i Phone with English Text Keypad, Includes English Install Guide
- » A1751-0131-10-55 – 51i Phone with International Symbols Keypad, Includes Multi-language install Guides

Accessories

- » AC adapters, sold separately
  - • D0023-0041-01-00 (North American AC adapter)
  - • D0023-1051-00-75 (Universal AC adapter)

- » 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 (Universal)

Package Contents

- » Aastra 51i IP telephone
- » Handset and coil cord
- » 2x Footstand
- » Ethernet cable
- » Quick reference speedial label
- » Wall Drilling template, screws and anchors
- » Installation Guide

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)

* Feature availability dependant on IP telephony systems

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AASTRA

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
» Sylantro'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 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 μ-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)

Rev 03/07

AASTRA

Exceptional Features and Value in a Fully Featured, Expandable IP Telephone

The Aastra 57i offers powerful features and flexibility in a standards based, carrier-grade advanced level expandable IP telephone. With a sleek and elegant design, large 144 x 128 pixel graphical backlit LCD display and 6 dynamic context-sensitive softkeys, the 57i 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 57i is ideally suited for executives and heavy telephone users who require more one touch feature keys and a large screen to take full advantage of XML based programs.

Key Features and Benefits:

» **XML Browser**

The Aastra 57i is equipped with XML browser capabilities and an extra 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 57i 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 57i 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 57i offers two different module extension options. It supports up to three Aastra 536M 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 560M modules, each offering 60 keys with a screen based LCD display and LED system.

» **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
» Sylantro's SIP – supports Bridged Line Appearances (BLA), ComCierge, Call Park/Pickup, Conference

* Feature availability dependant on IP telephony systems

Your Connection to theWorld

AASTRA

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
» 144x128 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
» 12 customizable softkeys with LEDs,
   programmable up to 30 functions
» 8 predefined hard keys
   • Goodbye
   • Options
   • Hold
   • Redial
   • Speakerphone/Headset toggle
   • Mute
   • 2 volume keys

Interoperability
» Visit 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
» Aastra 560M – 60-keys LCD module with
   LEDs
   • Scalable up to 3 modules or 180 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

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

Protocols / Codecs
» IETF SIP (RFC3261 and associated RFCs)
» G.711 μ-law / A-law
» G.729

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

Package Contents
57i Base
» Aastra 57i IP telephone
» Handset and coil cord
» 2x Footstand
» AC wall adapter for base phone
» Network cable
» Installation Guide
» Wall mount kit

Part Numbers
» A1757-0131-10-05 – North America (120V
   power adapter)
» A1757-0131-10-55 – International
   (Universal power adapter)

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

Accessories
» Aastra 536M – 36-keys paper label
» expansion module
   • A1736-0000-10-55 (Universal)
» Aastra 560M – 60-keys LCD expansion
» module
   • A1760-0000-10-55 (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)

Rev 03/07