



## Aastra IP Telephones

[www.aastratelecom.com](http://www.aastratelecom.com)

With the introduction of the 5i Series, Aastra has significantly expanded our IP Telephone family to become one of the most complete offerings in the industry. Style, mobility options, and the inclusion of expansion modules all add up to choice, flexibility and expandability in a full range of carrier/enterprise grade quality SIP Telephones.

All Aastra SIP phones offer:

- » Embedded XML browsers to support productivity enhancing applications
- » Advanced, integrated interoperability with major IP telephony platforms
- » Full duplex speakerphones
- » Simplified deployment
- » Intuitive, user friendly screen menus and interfaces

Aastra's latest product introduction, Aastra SIP-DECT™, adds a powerful SIP based DECT Enterprise Mobility Solution to our portfolio, offering even more choice and flexible IP telephone solutions to meet the demanding needs of today's Enterprises.

Look inside to learn more about our 5i and IP Series of telephones and our SIP-DECT Mobility Solution.

*Your Connection to the World*

**AASTRA**

Aastra is a leading global supplier of carrier-grade IP phones designed, developed and manufactured based on open standards to meet the demanding requirements of small/medium business, enterprise and government customers. Building on a long tradition of combining durable phones with intuitive designs, Aastra's IP phone portfolio offers customers flexibility and choice while delivering the performance, quality and value that business demands.

## Aastra 5i Series

Enterprise-grade portfolio featuring a global design and expansion module options to increase call and feature capability. A family of powerful and flexible SIP-based products offering advanced interoperability with major IP Telephony platforms.

All Aastra 5i Series phones feature an embedded XML browser, full-duplex speakerphone, Power Over Ethernet and AC power options, dual auto-sensing switched Ethernet ports, multi-lingual displays, up to 9 call appearance lines, Busy Lamp Field support, group paging and extensive storage capacity for personal directories, callers logs and redial lists. All Aastra 5i Series phones are wall mountable as well as offering 4 position footstands for optimum desktop screen viewing.

### Aastra 51i

#### Exceptional Value in an Entry Level IP Phone

- » 1 call appearance
- » Shared call and bridged line appearances
- » Distinctive ringing, priority alerting
- » 3 line LCD display
- » LED for call and message waiting indicator
- » Personal directory
- » Call forward/Call transfer/Call waiting
- » Caller and calling line information
- » Intercom reception with auto-answer
- » Do Not Disturb
- » 4 navigational keys
- » 9 configurable speed dial keys using number key pad



- » 9 predefined hard keys
- » Live dial pad or pre-dial support



- » Up to 9 call appearance lines
- » Shared call and bridged line appearances

- » Multi-proxy support
- » Distinctive ringing, priority alerting
- » 3 line LCD display
- » LED for call and message waiting indicator
- » Personal directory
- » Call forward/Call transfer/Call waiting
- » Caller and calling line information
- » Local 3-way conference

- » Intercom with auto-answer
- » Do Not Disturb
- » 3 call appearance lines with LEDs
- » 4 navigational keys
- » 4 programmable keys with LEDs
- » 10 predefined hard keys
- » Live dial pad or pre-dial support
- » Compatible with Aastra 536M – 36-key paper label module with LEDs

### Aastra 53i

#### Exceptional Value in a Featured IP Phone

## Aastra 55i

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

- » Up to 9 call appearance lines
- » Shared call and bridged line appearances
- » Multi-proxy support
- » Distinctive ringing, priority alerting
- » 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
- » Personal directory
- » Call forward/Call transfer/Call waiting
- » Caller and calling line information
- » Callers log
- » Local 3-way conference
- » Intercom with auto-answer
- » Do Not Disturb
- » 4 call appearance lines with LEDs
- » 4 navigational keys
- » 6 customizable softkeys with LEDs, programmable up to 26 functions



- » 6 programmable keys with LEDs
- » 8 predefined hard keys
- » Compatible with Aastra 536M – 36-key paper label module with LEDs and Aastra 560M - 60-key LCD module with LEDs



- » Up to 9 call appearance lines
- » Shared call and bridged line appearances
- » Multi-proxy support
- » Distinctive ringing, priority alerting

- » 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
- » Personal directory
- » Call forward/Call transfer/Call waiting
- » Caller and calling line information
- » Callers log
- » Local 3-way conference

- » Intercom with auto-answer
- » Do Not Disturb
- » 4 call appearance lines with LEDs
- » 4 navigational keys
- » 12 customizable softkeys with LEDs, programmable up to 30 functions
- » 8 predefined hard keys
- » Compatible with Aastra 536M – 36-key paper label module with LEDs and Aastra 560M - 60-key LCD module with LEDs

## Aastra 57i CT

### Exceptional Value in a Fully Featured, Expandable IP Telephone with Cordless Handset

- » Up to 9 call appearance lines
- » Shared call and bridged line appearances
- » Multi-proxy support
- » Distinctive ringing, priority alerting
- » 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
- » Personal directory
- » Call forward/Call transfer/Call waiting
- » Caller and calling line information
- » Callers log
- » Local 3-way conference
- » Intercom with auto-answer
- » Do Not Disturb
- » 4 call appearance lines with LEDs
- » 4 navigational keys
- » 12 customizable softkeys with LEDs, programmable up to 30 functions
- » 8 predefined hard keys
- » Compatible with Aastra 536M – 36-key paper label module with LEDs and Aastra 560M - 60-key LCD module with LEDs

#### Additional Handset Features:

- » AC wall adapter for charging stand
- » Nickel Metal Hydride battery – 4 day standby time, 4 hour talktime
- » One handset included; expandable up



- to 4 handsets
- » 2.4 GHz Frequency Hopped Spread Spectrum (FHSS)
- » Warehouse coverage up to 300,000 sq. feet
- » Vibration alerter
- » 2.5mm headset connector
- » Large 5 lines backlit display
- » LED for call and message waiting indicator
- » 2 context-sensitive softkeys
- » 8 predefined hard keys
- » Programmable function key supports up to 20 functions for tight integration with the 57i CT base features

# Aastra IP Phone Specifications



Model:

9112i

9133i

480i

Telephone Features	9112i	9133i	480i
Number of lines	1	9	9
Multi-line, multi-proxy registration support		Y	Y
Programmable functions (hard keys/softkeys)	2 (2/0)	7 (7/0)	20 (0/6)
Pre-programmed feature keys	11	10	8
Compatible with 536M expansion module			
Compatible with 560M expansion module			
Full-duplex speakerphone	Y	Y	Y
Dedicated headset jack	Modular connector	Modular connector	Modular connector
Display screen size	3 lines x 16 characters	3 lines x 16 characters	8 lines x 20 characters
Backlit display	Y	Y	Y
Adjustable display contrast	Y	Y	Y
Visual message waiting indication	Y	Y	Y
Busy lamp field (Broadsoft and Asterisk)		Y	Y
Do not disturb (DND)	Y	Y	Y
Call waiting display	Y	Y	Y
Call forward	Y	Y	Y
Missed call indicator	Y	Y	Y
Group paging			
Directory Name/Number capacity	200	200	200
Callers log Name/Number capacity	200	200	200
Last Number Redial Name/Number capacity	100	100	100
Priority alert/distinctive ringing	Y	Y	Y
Call park/pickup	Y	Y	Y
Multilingual support - Eng., Fr., Spn., Germ., Ital.	Y	Y	Y
Cordless mobility			
Power Options			
Power over Ethernet		Y	Y
Optional mid-span PoE injector		Y	Y
AC wall adapter (Included)	Y	Y	Y
Configuration & Administration			
Telephone User Interface	Y	Y	Y
Web User Interface	Y	Y	Y
Encryption of configuration file	Y	Y	Y
Software & Config. download - TFTP, FTP, HTTP	Y	Y	Y
Automatic software update	Y	Y	Y
Network Support			
10/100 Mbps Auto-Sensing Switched Ethernet ports	1	2	2
802.1p/q VLAN tagging & QOS	Y	Y	Y
802.1 x support			
NAT support phone side	Y	Y	Y
STUN, TURN, Rport support			
Outbound proxy support	Y	Y	Y
IETF DHCP	Y	Y	Y
IETF SNTP	Y	Y	Y
Protocol Support			
IETF SIP (RFC3261)	Y	Y	Y
XML browser	Y	Y	Y
Codecs			
G.711μ-law/A-law	Y	Y	Y
G.729 (Annex B)	Y	Y	Y

\* Programmable number pad speedial



## Aastra 536M and 560M Expansion Modules

Expandable Modules Increase the Power and Flexibility of the 5i Series of Phones



Both modules are directly powered from the phone and can be used with selected 5i Series models. Up to 3 modules can be joined together with a single telephone. Additional keys support programmable features such as; Line, Speed Dial, Busy Lamp Field (maximum of 50 BLF per phone), Bridged Line Appearance, Shared Call Appearance and Do not Disturb.

### Aastra 536M

- » LED for status indication
- » 36 programmable keys for programmable features
- » Compatible with Aastra 53i, 55i, 57i and 57i CT models

### Aastra 560M

- » LED for status indication
- » 20 softkeys available on 3 screens (60 keys)
- » 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)
- » Compatible with Aastra 55i, 57i and 57i CT models



## Aastra IP Series

Enterprise-grade portfolio featuring a traditional design and unparalleled value. Incorporating the proven functionality and reliability of Aastra's analog and digital telephones, the IP series offers powerful and flexible SIP-based products providing advanced interoperability with major IP Telephony platforms.

All Aastra IP Series phones feature an embedded XML browser, full duplex speakerphone, backlight screen displays, dedicated headset jack, multi-lingual screen display support, simplified deployment and extensive storage capacity for personal directories, callers logs and redial lists.

### 9112i

#### Value Priced Single Line IP Telephone

- » 3 line backlit display screen
- » 4 navigational keys
- » 2 programmable keys
- » 11 predefined hard keys
- » Conference
- » Personal Directory
- » LED for call and message waiting indicator
- » Call Forward/Call Transfer/Call Waiting
- » Redial
- » Caller and calling line information
- » Callers Log
- » Live dial pad or pre-dial support
- » 10/100 Ethernet port



# 9133i

## Flexible Fully Featured IP Telephone



- » Up to 9 call appearance lines
- » Shared call appearances
- » Multi-proxy support
- » 3 line adjustable backlit display screen
- » 3 call appearance lines with LED's
- » 4 navigational keys
- » 7 programmable keys
- » 10 predefined hard keys
- » Conference
- » Call Forward/Call Transfer/Call Waiting
- » Redial
- » Dual 10/100 switched Ethernet ports
- » Personal Directory
- » LED for call and message waiting indicator
- » Caller and calling line information
- » Callers Log
- » Live dial pad or pre-dial support

# 480i

## Advanced, Fully Featured IP Screen Telephone

- » Up to 9 call appearance lines
- » Shared call appearances
- » Multi-proxy support
- » 3.5" x 2.25", 8 line, backlit display
- » 4 call appearance lines with LED's
- » 4 navigational keys
- » 6 customizable softkeys; programmable up to 20 functions
- » 8 predefined hard keys
- » Conference
- » Personal Directory
- » LED for call and message waiting indicator
- » Call Forward/Call Transfer/Call Waiting
- » Redial



- » Dual 10/100 switched Ethernet ports
- » Caller and calling line information
- » Callers Log
- » Live dial pad or pre-dial support



- » Up to 9 call appearance lines
- » Shared call appearances
- » Multi-proxy support
- » 3.5" x 2.25", 8 line, backlit display
- » 4 call appearance lines with LED's
- » 4 navigational keys
- » 6 customizable softkeys; programmable up to 20 functions
- » 8 predefined hard keys
- » Conference
- » Personal Directory

- » LED for call and message waiting indicator
- » Call Forward/Call Transfer/Call Waiting
- » Redial
- » Dual 10/100 switched Ethernet ports
- » Caller and calling line information
- » Callers Log
- » Live dial pad or pre-dial support

### Additional Handset Features:

- » AC wall adapter for charging stand
- » Nickel Metal Hydride battery – 4 day standby time, 4 hour talk time

# Aastra 480i CT

## Advanced, Fully Featured IP Screen Telephone with Cordless Handset

- » 2.4 GHz Frequency Hopped Spread Spectrum (FHSS)
- » Warehouse coverage up to 300,000 sq. ft.
- » Vibration alerter
- » 2.5 mm headset connector
- » Large 5 line backlit display
- » 2 context-sensitive softkeys for tight integration to base features
- » Programmable function key supports up to 14 functions
- » 4 predefined hard keys features

## Powerful Features and Performance in a SIP based DECT Enterprise Mobility Solution

Employing the latest DECT technology, the SIP-DECT Solution from Aastra offers superior levels of interference-free performance, security and reliability in a cordless SIP telephone system. This scalable, enterprise-grade, mobility solution allows users to take the features and voice quality of their desk telephone with them throughout their office environment or related branch offices serviced by the same Corporate network. DECT technology virtually eliminates issues of dropped calls, interference, security and range by employing IP DECT access points that seamlessly “handoff” calls and enable roaming. This system is ideal for any single or multi-location business, retail or institutional setting that requires mobile employees to be available to take or receive calls at any time.



### Key Features and Benefits:

#### » **Seamless Mobility**

DECT technology offers reliable, high quality, secure voice access throughout a building or across a Corporate network with full roaming support. Handsets act as normal company extensions, allowing staff to be reached in both headquarters and branch office locations. Employing advanced authentication/encryption technology, DECT is constantly monitoring transmissions and will automatically adjust channels to avoid possible interference.

#### » **Feature Rich Handsets**

The SIP-DECT 142 handset is a powerful tool for business communication on the go. Featuring a 5-line illuminated display with two softkeys for feature access, illuminated keypad, a variety of informational status displays, SOS key for an emergency speed dial number, caller/directory and redial lists, the handset also offers hands free operation, built in speaker and headset jack.

#### » **Scalability**

The Aastra SIP-DECT system, using DECT 142 handsets and RFP 32/34 IP DECT access points, can grow as your business expands. By simply adding additional handsets and access points, the Aastra SIP-DECT solution can easily expand to meet changing business requirements. Up to 512 handsets can be deployed using up to 256 IP access points.

#### » **Simple Deployment**

Aastra's SIP-DECT solution can be easily deployed in most open-standard IP environments including; Hosted or Premised based using a SIP based IP-PBX, Hybrid PBX or Open Source PBX. The solution requires limited engineering planning and is managed by OpenMobility Manager (OMM) software and provisioned on the SIP based infrastructure as simple SIP Extensions. OMM is installed and runs on one of the access points.



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