

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

The Aastra 57i CT offers powerful features and flexibility in a standards based, carrier-grade advanced level, expandable, IP telephone that includes an integrated WDCT cordless mobility handset for coverage up to 300,000 sq ft.\* With a sleek and elegant design, large 144 x 128 pixel graphical backlit LCD display and 6 dynamic context-sensitive softkeys, the 57i CT base unit 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 CT is ideally suited for executives, heavy telephone users who require more one touch feature keys and a large screen to take full advantage of XML based programs and mobile warehouse, support and retail staff.



### Key Features and Benefits:

#### » **Mobility**

Employing secure WDCT cordless technology, the Aastra 57i CT expands VoIP beyond the desktop without the need for a separate wireless network. Increases flexibility and efficiency for those not tied to a desk.

#### » **XML Browser**

The Aastra 57i CT 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 CT 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 CT 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 CT 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), Bridged Line Appearances (BLA), 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

\* Range capacity subject to operating environment

## Physical

### 57i CT Base

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

### 57i CT Cordless Handset

- » 13.7 cm L x 4.6 cm W x 1.9cm H (5.4"L x 1.8"W x 0.8"H)
- » 133 g (4.7 oz.)

## Power

### 57i CT Base

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

### 57i CT Cordless Handset

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

## Audio

### 57i CT Base

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

### 57i CT Cordless Handset

- » 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

## Feature Keys

### 57i CT Base

- » 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

### 57i CT Cordless Handset

- » 2 context-sensitive softkeys
- » 8 predefined hard keys
  - Goodbye, Hold, Mute, Redial, Function, Menu, 2 volume keys
  - Programmable function key supports up to 20 functions for tight integration to the 57i CT base features

## Security

- » User and administrator level passwords
- » Encryption of configuration files
- » HTTPS configuration download and web management

- » Phone lock with PIN

## 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

## Interoperability

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

## Display and Indicator

### 57i CT Base

- » 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

### 57i CT Cordless Handset

- » Large 5 lines backlit display
- » LED for call and message waiting indicator

## 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

## 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 802.1p/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

## Part Numbers

- » A1758-0131-10-05 – North America (120V power adapter)



## Package Contents

### 57i CT Base

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

### 57i CT Cordless Handset

- » Aastra 57i CT cordless handset
- » NiMH battery
- » Charging stand
- » AC wall adapter for charging stand
- » Belt clip

## Regulatory

- » WEEE (2002/96/EC)

## 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
- » 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)
- » Aastra 57i CT cordless handset kit
  - A1759-0000-10-05 – North America (120V power 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)

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