



Aastra 6757i CT

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

The Aastra 6757i 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 6757i 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.



Aastra Hi-Q™

Key Features and Benefits:

✦ Mobility

Employing secure WDCT cordless technology, the Aastra 6757i CT expands VoIP beyond the desktop without the need for a separate wireless network. The 6757i CT increases flexibility and efficiency for those not tied to a desk.

✦ Remarkable Audio

All 67xi Series IP Telephones integrate Aastra Hi-Q™ wideband audio technology to deliver enhanced performance and voice clarity. Aastra Hi-Q significantly improves the audio quality of calls offering a truly superior voice experience on each audio path – handset, hands-free speakerphone or headset port. It makes conversations more life-like giving a richer user experience and increasing productivity.

✦ XML Browser

The Aastra 6757i CT is equipped with XML browser capabilities and an extra large display with dynamic softkeys to easily access customized services and applications. This feature provides unlimited potential to customize the 6757i CT to meet your specific business needs or vertical applications using the display and keypad.

✦ Enhanced Call Management

The 6757i CT includes features such as shared call and bridged line appearances, call forward, call transfer, call waiting and 3-way conference providing enhanced call flexibility and control.

✦ Expandability

The Aastra 6757i CT 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 switched 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
- One handset included with the 6757i CT; expandable up to 4 handsets
- 2.4 GHz Frequency Hopped Spread Spectrum (FHSS). WDCT technology
- Coverage up to 300,000 sq. feet
- Vibration alerter
- Headset support
- Aastra Hi-Q™ Audio Technology***

Feature Keys

6757i CT Base

- Up to 9 lines with call appearances
- 4 line/call appearance buttons with LEDs
- 4 navigational keys
- 12 customizable softkeys with LEDs, programmable up to 30 functions
- 8 dedicated hard keys including Hold, Redial, Speakerphone/Headset toggle, Mute, Options, Goodbye, 2 volume keys

6757i 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 6757i CT base features

Audio and Codecs

6757i CT Base

- Aastra Hi-Q™ Audio Technology***
- Hearing aid compatible (HAC) handset
- Full-duplex quality speakerphone
- Codecs: G.711 μ -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

6757i CT Cordless Handset

- 2.5 mm Headset compatible

Display and Indicator

6757i CT Base

- 144x128 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

6757i CT Cordless Handset

- 5 lines backlit LCD display

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 for an up to date listing of approved vendor/ interoperability

Expansion Modules

- Supports up to 3 M670i (536M)**** or M675i (560M)**** 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
- Latin 1, Latin 2 Character set

Protocol

- IETF SIP (RFC3261) and associated RFCs

Networking and Provisioning

- Dual 10/100 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 802.1p/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

6757i CT Base

- AC adapter (48V DC) included
- Integrated IEEE 802.3af Power Over Ethernet (PoE) support

6757i CT Cordless Handset

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

Package Contents

- 6757i CT Base phone
- Handset and coil cord
- 2x Footstand
- AC adapter for base
- Ethernet Cable
- Wall mount kit
- Installation Guide
- Aastra CT cordless handset
- Belt clip and battery (NiMH)
- Charging stand with AC adapter

Physical

6757i CT Base

- 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

6757i 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.)

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

Europe

- ROHS compliant
- WEEE (2002/96/EC)

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

RF

- FCC Part 15 Class C
- AS/NZS 4771

Part Numbers

- A1758-0131-10-01 NA power adapter included. English Kpad.
- A1758-0131-10-05 NA power adapter included. Symbol Kpad.

* Feature availability dependant on the IP Telephony System

** Not available on 3-way conference scenarios

*** Requires proper setup of G.722 wideband codec

**** Some products may reflect former name

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