



480i Generic SIP IP Phone Version 1.0 Release Notes

January 2005

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1. Introduction

This document provides release content information on the Aastra 480i Broadworks SIP firmware.

Release Name: SIP (BC)

Release Version: 1.0.0.78

Release Filename: FC-0032-01-00

Release Date: January, 2005

2. Hardware Supported

This release of firmware is compatible with the following Aastra IP portfolio products:

- 480i IP Phone

3. Bootloader Requirements

This release of firmware is compatible with the following Aastra IP portfolio product bootloader versions:

- 480i IP Phone – Bootloader 1.0.0
- 480i IP Phone – Bootloader 1.1.0.4 (recommended)

4. New Features Available in this Release

User Features

- 18 programmable softkeys
- Call Hold
- Call Mute
- Call Transfer
- Call Waiting
- Caller-ID Display
- Caller-ID on Call Waiting
- Redial
- 3-way Conferencing
- Message Waiting Indicator
- Live Dial Pad
- Pre-dial before sending
- Headset support

Admin Features

- Web Client Network Options
- Web Client Firmware Upgrade Options
- Web Client SIP Settings Options
- Firmware Upgrades via TFTP

Standards and Specifications Supported

- IETF RFC 3261 (SIP)
- IETF RFC 1889 (RTP/RTCP)
- IETF RFC 2327 (SDP)
- IETF RFC 2833 (Out-of-band DTMF)
- IETF RFC 2976 (INFO Method)
- IETF RFC 3264
- IETF RFC 3265
- IETF RFC 3420
- IETF RFC 3428
- IETF RFC 3515 (REFER Method)
- IETF draft-ietf-mmusic-sdp-new-14 (updates RFC 2327)
- IETF draft-ietf-sip-cc-transfer-05
- IETF draft-ietf-sip-replaces-04 (Used for Call Transfer only)
- IETF draft-ietf-sip-referredby-03
- IETF draft-ietf-sip-session-timer-11
- Remote ringback or early media support
- Direct dialing without SIP registration

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Codecs

- G.711 μ -law
- G.711 a-law
- G.729a Annex B

Network

- DHCP or Static IP support
- IETF RFC 2030 (SNTP)

For specific details on new features, please refer to the *Aastra 480i SIP IP Phone User Guide* and *Admin Guide* documents.

5. Known Issues in this Release

Issue Number	Description
01026	"No Service" status when the Line1 not configured
01076	Hostnames not accepted in Web SIP Settings Menu
01126	Outbound Proxy not supported
01163	MKC PBaX — phone stops responding when put on hold with music
01179	Network can freeze with switches using pause frames
01265	Interactive Intelligence — Transfer fails
01283	<ul style="list-style-type: none"> • Exception for outgoing call from 480i to H.323 Cisco server via. Asterisk PBX <ul style="list-style-type: none"> ○ For an incoming call that originated via an extension from a Cisco server forwarded to an Asterisk server, the answered phone does not stop ringing. However the call is established and the two parties can hear each other's voice. <ul style="list-style-type: none"> ▪ This issue can be solved by using these settings on the Cisco server. <ul style="list-style-type: none"> • sip-ua • nat symmetric check-media-src • retry invite 2 • retry response 2 • retry bye 2 • retry cancel 2
01309	Setting phone to Factory Default does not remove soft-keys and network
01319	SIP: Intermittent DHCP issues with SOHO routers
01353	MKC PBX — Blind transfer causes phone to dial voicemail IVR
01417	480i: does not use TFTP Server IP specified in DHCP ACK <ul style="list-style-type: none"> ○ This issue affects non-Microsoft DHCP server environments only.
01422	480i: predial DTMF tones played too quickly to user
01481	Real time ringer mute does not behave appropriately.
01486	Removing parameters from cfg file do not propagate to phone <ul style="list-style-type: none"> ○ Workaround is to provision the parameter without a value in the cfg file
01487	Phone gets stuck when dialing a really large number
01492	"Invalid DHCP Lease" error resetting phone <ul style="list-style-type: none"> ○ Switching the 480i between two different networks both with different DHCP servers may cause IP lease errors.
01497	Second 480i phone in a 3 phone network daisy chain connection may fail to register. <ul style="list-style-type: none"> ○ There have been isolated issues where daisy chaining the network connection for multiple 480i's have resulted in failed registration in one of the devices.

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01501	Phone freezes if network is disconnected during its registration request <ul style="list-style-type: none">○ The phone will freeze if the network is disconnected just before or during a REGISTER request.
01503	Enabling DHCP in the config file does not take effect until second reset
01512	Phone dropping call when conflicting IP occurs
01521	Load Exception error message when the PBX was power cycled <ul style="list-style-type: none">○ A small percentage of phones displayed difficulty re-registering after power cycling the PBX server.
01525	When in Conference, host phone does not display pickup softkey when ON HOLD
01543	SIP — Cannot change audio mode by pressing the speaker key in "Hold" mode
01546	Bootup time too long when TFTP server unreachable
01560	480i freezes for several minutes when attempting a call without service

6. Contact Aastra Support

For more information please visit www.aastra.com.

For email support, please send inquiries to support@aastra.com

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