



MODEL

6739i

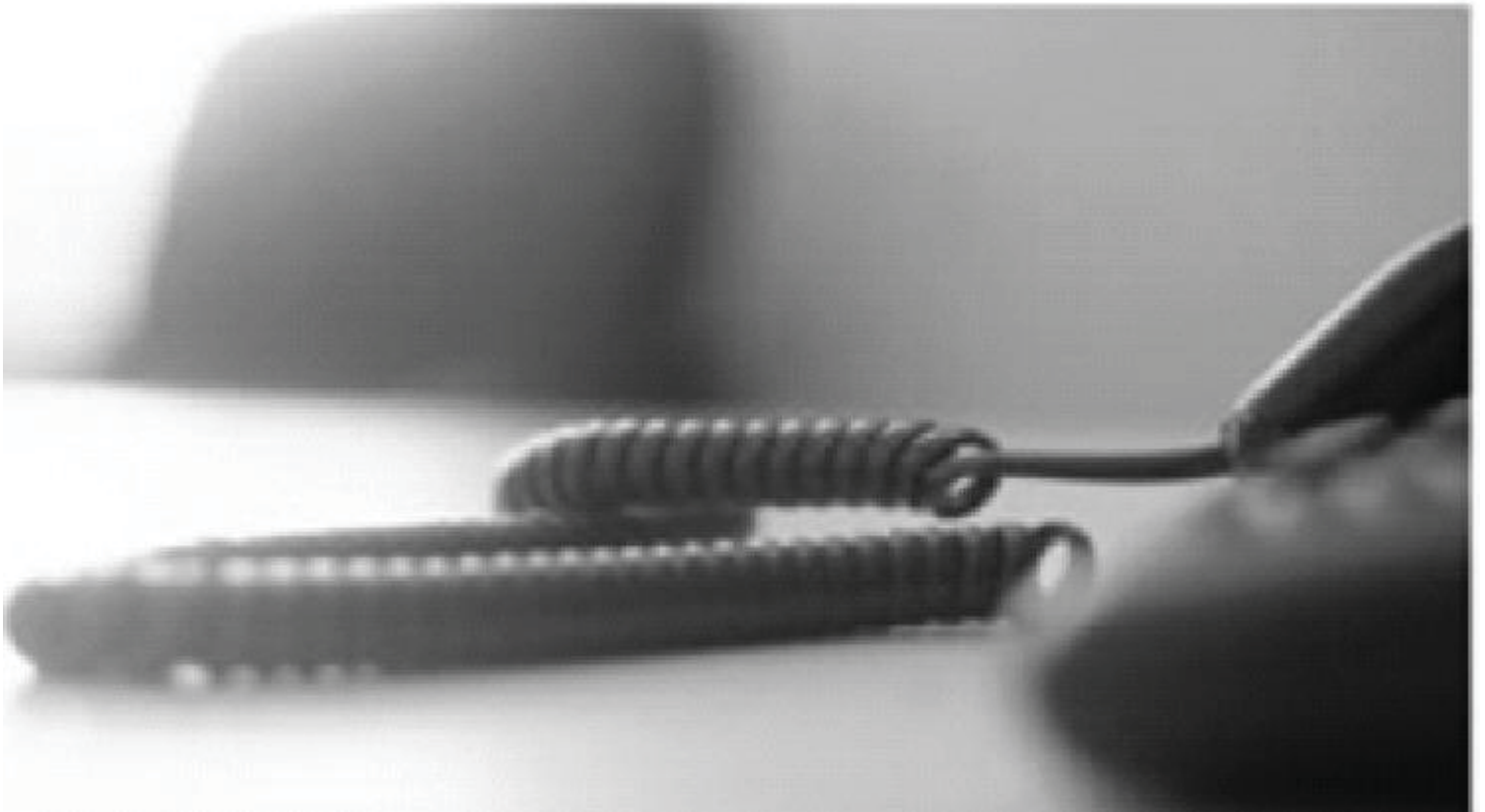
SIP IP PHONE

RN-001037-00

Rev 00

Release Note

Release 3.0



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SIP IP Phone Model 6739i Release Note 3.0

About this Document

This Release Note 3.0 provides information about the new 6739i SIP IP Phone and the 3.0.x software stream.

For information on how to install and use the phone, see your *6739i SIP IP Phone Installation Guide* and the *6739i SIP IP Phone User Guide*. For detailed information about more advanced features, see the SIP IP Phone Administrator Guide.

Topics in this release note include:

- [General Information](#)
(release content, hardware supported, bootloader requirements)
- [New Features in Release 3.0](#)
- [Maintaining your New 6739i](#)
- [Contacting Aastra Telecom Support](#)

General Information

Release Content Information

This document provides release content information on the Aastra 6739i SIP IP Phone firmware.

Model	Release Name	Release Version	Release Filename	Release Date
6739i	Generic SIP	3.0	FC-001274-00-REV00	December 2009

Hardware Supported

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

- 6739i

Bootloader Requirements

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

- 6739i - Bootloader 3.0.0.167 or higher

New Features in Release 3.0

Description

This section provides the new features in SIP IP Phone Release 3.0. Each feature specifies whether it affects the Administrator, the User, or both.

Feature	Description
Hardware Feature	
New 6739i Color Touchscreen IP Phone (User and Administrator)	A new 6739i Color Touchscreen phone is included in Release 3.0 of the Aastra SIP IP Phones.
Configuration Features	
Picture ID Feature (Administrator)	The 6739i shows Picture IDs on the LCD for all of the following events on the phone: <ul style="list-style-type: none"> • Incoming Calls (matched to Caller ID numbers) • Outgoing Calls (matched to dialed numbers) • Directory • Callers List • Redial List Note: This feature must be enabled by an Administrator.
Configurable "Brightness Level" Parameter (User and Administrator)	Allows you to customize the brightness levels on the LCD of the phone. Note: A User can configure Brightness Level using the IP Phone UI. Only an Administrator can configure this feature using the configuration files.
Configurable "Brightness Timer" Parameter (User and Administrator)	Allows you to customize a brightness timer that affects how long the LCD stays illuminated during inactivity on the phone. Note: A User can configure the Brightness Timer using the IP Phone UI. Only an Administrator can configure this feature using the configuration files.
Configurable Park/Pickup Softkeys on a Per-Account Basis (Administrator)	The 6739i allows an Administrator to configure the Park/Pickup softkeys on a per-account basis using the Aastra Web UI or the configuration files.
Configuring the Message Key on the Phone (Administrator)	An Administrator can configure the voicemail server to access when the User presses the Message Key on the phone.

Hardware Features

New 6739i Color Touchscreen IP Phone

Release 3.0 of the Aastra SIP IP Phones now support the 6739i Color Touchscreen Phone.

The Aastra 6739i, a new member of the carrier-grade, open-standards based 67xxi SIP portfolio, brings leading edge communications technology to the desktop in a stylish global design. Featuring a 5.7" full color high resolution VGA touch screen display, the 6739i offers an intuitive graphical user interface, touch screen softkeys, full duplex wideband audio speaker and handset, dedicated LED indicators, built-in bluetooth interface technology per the Bluetooth Style Guide, and a USB port for future use. The 6739i also is equipped with multiple headset connection options, support for up to nine lines with call appearances, dual Gigabit Ethernet Interfaces, and extensive call management capabilities.



Note: For more information about the SIP IP Phone Model 6739i, see the Aastra Telecom Product Data Sheet at www.aastratelecom.com and click on *Products->Terminals->SIP Telephones.*

Model 6739i IP Phone

Model 6739i SIP IP phone offers the following features:

- Large 5.7" full VGA (640x480) color touch screen display and backlight
- Advanced and expandable Executive Level SIP Phone
- Intuitive graphical user interface and navigation menus
- Two built-in 10/100/1000 Gigabit Ethernet switch ports - lets you share a connection with your computer.
- Inline power support (based on 802.3af Power-over-Ethernet (PoE) standard) which eliminates power adapters
- Built-in Bluetooth technology for headset support
- Existing 675xi Expansion Module support
- USB port support (for future use)
- Aastra Hi-Q Audio™ Technology
- Full-duplex speakerphone for handsfree calls
- Additional headset connection options: modular RJ jack, built-in EHS/DHSG port (refer to the *IP Phone 6739i Installation Guide* for information on installing a DHSG headset on your phone.)
- Up to 9 lines with 3 call appearance lines with multi-proxy support



- Up to 55 programmable softkeys
- Picture ID feature (during calls and in the Directory, Callers List, and Redial List)
- XML support for productivity-enhancing applications
- AC power adapter (sold separately)



Note: For more information about the SIP IP Phone Model 6739i, see the Aastra Telecom Product Data Sheet at www.aastratelecom.com and click on *Products->Terminals->SIP Telephones*.

Configuration Features

Picture ID Feature

The Picture ID feature on the 6739i shows a picture ID of a caller on the LCD for all of the following events on the phone:

- Incoming Calls (matched to Caller ID numbers)
- Outgoing Calls (matched to dialed numbers)
- Directory entries
- Callers List entries
- Redial List entries

Your Administrator stores the pictures in a centralized picture repository. The pictures are dynamically retrieved from the centralized server for each call and then locally cached in the phone to reduce network traffic.



**Generic
Blue Image**

If there is no picture on the central server for the dialed number and/or Caller Id number, and Directory, Callers List, and/or Redial List entry, the generic blue figure image is shown.

Pictures must be in “.png” format, 150pixels wide x 200pixels tall, and in 24 bit color. The filenames for pictures must be stored using the phone number as the filename (for example, 9995551234.png). Enabling and disabling Picture ID on the phone can be done by an Administrator using the configuration files only.



Note: The Picture ID feature supports the use of TFTP, FTP, HTTP, and HTTPS protocols when downloading pictures.

Enabling/Disabling the Picture ID on the Phone Using the Configuration Files

Use the following parameter to enable/disable Picture ID on the phone.




Parameter – <i>image server uri</i>	Configuration Files aastra.cfg, <mac>.cfg
Description	<p>Allows you to specify the server URI where pictures are stored for display to the phone during incoming and outgoing calls, and in the Directory, Callers List, and Redial List entries. The pictures are dynamically retrieved from the centralized server for each call and then locally cached in the phone to reduce network traffic.</p> <p>If there is no picture on the central server for the dialed number and/or Caller Id number, and Directory, Callers List, and/or Redial List entry, the generic blue figure image is shown.</p> <p>Pictures must be in “.png” format, 150pixels wide x 200pixels tall, and in 24 bit color. The filenames for pictures must be stored using the phone number as the filename (for example, 9995551234.png).</p> <p>Note:</p> <ol style="list-style-type: none"> 1. Entering no value for this parameter disables this feature. 2. The “image server uri” parameter supports TFTP, FTP, HTTP, and HTTPS.
Format	Server URI String
Default Value	N/A
Range	N/A
Example	image server uri: tftp://192.168.1.100

Configurable “Brightness Level” Parameter

The 6739i allows you to customize the brightness levels on the LCD of the phone. You can set brightness levels using the IP Phone UI at the path **Options->Display->Brightness Level** OR using the configuration file (Administrator only) and entering a value for the “**Brightness Level**” parameter.

Configuring Brightness Level Using the IP Phone UI

Use the following procedure to configure Brightness Level using the IP Phone UI.

 IP Phone UI	
1	Click on Options->Display .
2	Press Brightness Level . The following options display: <ul style="list-style-type: none"> • Level 1 • Level 2 • Level 3 (Default) • Level 4 • Level 5
3	Press the level of brightness you want on your phone. Level 1 is the dimmest and Level 5 is the brightest. Default is Level 3.
4	Press the  to return to the previous menu or press the  to return to the idle screen.

Configuring Brightness Level Using Configuration Files

Use the following parameter to customize the Brightness Level on your phone’s LCD using the configuration files.

Parameter – <i>brightness level</i>	IP Phone UI Configuration Files	Options->Display->Brightness Level aastra.cfg, <mac>.cfg
Description	Controls the LCD brightness on the 6739i. Values are 0 to 4 with 0 being the dimmest and 4 being the brightest.	
Format	Integer	
Default Value	2	
Range	0 to 4	
Example	brightness level: 4	




Configurable “Brightness Timer” Parameter

The “**Brightness Timer**” option allows you to set the amount of time you want the touchscreen’s LCD display to stay illuminated before turning the brightness off during a period of inactivity. For example, if you set the Brightness Timer to 60, when the phone reaches 60 seconds, the LCD brightness goes OFF.

You can configure this timer using the IP Phone UI or the configuration files.

Configuring the Brightness Timer Using the IP Phone UI

Use the following procedure to configure the Brightness Timer using the IP Phone UI.

 IP Phone UI	
1	Click on Options->Display .
2	Press Brightness Timer . A text box displays.
3	Press the text box. A pop-up keyboard displays.
4	Enter a value, in seconds, for the Brightness Timer. Valid values are 1 to 7200 seconds. Default is 600 (10 minutes).
5	Press the  to return to the previous menu or press the  to return to the idle screen.

Configuring the Brightness Timer Using the Configuration Files

Use the following parameter to configure the Brightness Timer using the configuration files.

Parameter – <i>bl on time</i>	IP phone UI Options->Display->Brightness Timer Configuration Files aastra.cfg, <mac>.cfg
<i>Brightness Timer</i> (in Phone UI)	
Description	Allows you to set the amount of time, in seconds, that the brightness stays ON before turning OFF because of inactivity. For example, if you set the Brightness Timer to 60, when the phone reaches 60 seconds, the LCD brightness goes OFF.
Format	Integer
Default Value	600 seconds (equals 10 minutes)
Range	1 to 7200 seconds
Example	bl on time: 60

Configurable Park/Pickup Softkeys on a Per-Account Basis

The 6739i allows an Administrator to configure the Park/Pickup softkeys on a per-account basis using the Aastra Web UI or the configuration files.


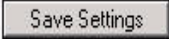
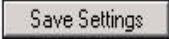
Once the Administrator has configured a Park/Pickup softkey, these softkeys are account sensitive. The Park/Pickup behaves for the line in focus. For example, if the Administrator configured a Park softkey on Line 3, during a connected call, the Park softkey appears on the screen allowing you to park the call. Line 3 must be the line in focus in order to park the call. You can use the Park softkey when a call is in the connected state. The Pickup softkey displays on the idle screen and during an outgoing call.



Note: A User can create a Park/Pickup softkey and assign a label only.

Configuring Park/Pickup on a Per-Account Basis using the Aastra Web UI

Use the following procedure to configure Park/Pickup softkeys on a per-account basis using the Aastra Web UI.

 Aastra Web UI										
1	Click on Operation->Softkeys .									
2	Select a softkey. In the " Type " field, select Park .									
3	In the " Label " field, enter a label for the Park key.									
4	Select another softkey. In the " Type " field, select Pickup .									
5	In the " Label " field, enter a label for the Pickup key.									
6	Click  to save your changes.									
7	Click on Advance Settings->Line N->Advanced SIP Settings . Note: "N" is a number from 1 to 9.									
8	<p>In the "Park Pickup Config" field, enter the value for the Park key, Pickup key, and the applicable server. Valid values are as follows:</p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Server</th> <th>Park Value*</th> <th>Pickup Values*</th> </tr> </thead> <tbody> <tr> <td>Asterisk</td> <td style="text-align: center;">700</td> <td style="text-align: center;">700</td> </tr> <tr> <td>Broadsoft</td> <td style="text-align: center;">*68</td> <td style="text-align: center;">*88</td> </tr> </tbody> </table> <p>For example, you can enter the following value in the "Park Pickup Config" field: *68;*88;broadsoft</p> <p>Note: You must enter the park and pickup values and specify the server type in a list separated by a semicolon with no spaces.</p>	Server	Park Value*	Pickup Values*	Asterisk	700	700	Broadsoft	*68	*88
Server	Park Value*	Pickup Values*								
Asterisk	700	700								
Broadsoft	*68	*88								
9	Click  to save your changes.									
10	Repeat steps 7 through 9 to configure Park/Pickup for each account as applicable.									

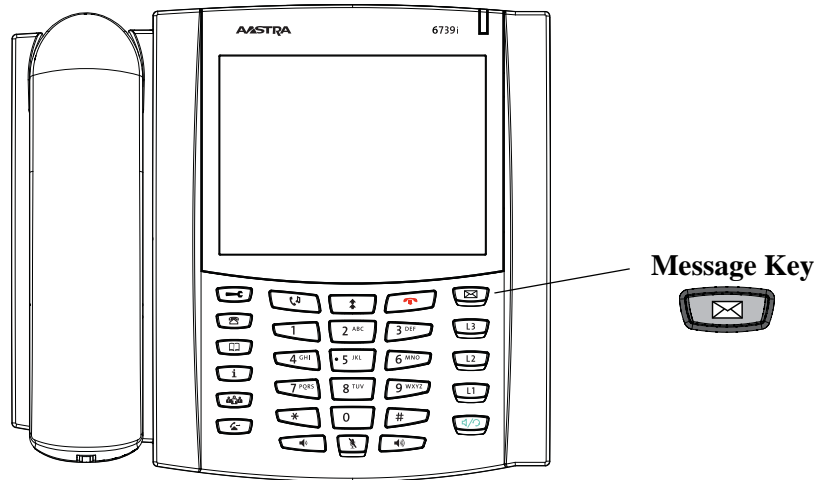
Configuring Park/Pickup on a Per-Account Basis Using the Configuration Files

Use the following parameter to configure Park/Pickup on a per-account basis on the 6739i using the configuration files.

Parameter – <i>sip lineN park pickup config</i> Where “N” can be 1 thru 9	IP Phone UI Options->Softkeys Configuration Files aastra.cfg, <mac>.cfg									
Description	Specifies the park and pickup configuration for a specific account on the phone. You must enter the park and pickup values and specify the server type in a list separated by a semicolon with no spaces.									
Format	String in semicolon separated format with no spaces									
Default Value	N/A									
Range	<table border="1" data-bbox="704 716 1382 856"> <thead> <tr> <th>Server</th> <th>Park Value*</th> <th>Pickup Values*</th> </tr> </thead> <tbody> <tr> <td>Asterisk</td> <td>700</td> <td>700</td> </tr> <tr> <td>Broadsoft</td> <td>*68</td> <td>*88</td> </tr> </tbody> </table> <p>*If no value is entered for the Park and Pickup softkeys, the softkeys are disabled.</p>	Server	Park Value*	Pickup Values*	Asterisk	700	700	Broadsoft	*68	*88
Server	Park Value*	Pickup Values*								
Asterisk	700	700								
Broadsoft	*68	*88								
Examples	sip line1 park pickup config: *68;*88;broadsoft sip line4 park pickup config: 700;700;asterisk									

Configuring the Message Key on the Phone

The Message Key is a hard key located on the front panel of the phone.



Before you can use this key, your Administrator must configure it to connect to a voicemail server. An Administrator can configure the key on a global basis or per-line basis by entering values for the following parameters in the configuration files:

- **sip vmail** (global setting)
- **sip lineN vmail** (per-line setting)

After the key is configured, the LED next to the Message Key blinks if the line in focus has messages waiting.

Configuring the Message Key

Use the following parameters to configure the Message Key using the configuration files.

Global Setting

Parameter – <i>sip vmail</i>	Configuration Files aastra.cfg, <mac>.cfg
Description	Specifies the digits to dial to reach the voicemail system connected to the sip account. Configuring this parameter allows a user to call the voicemail system automatically by pressing the Message Key on the phone.
Format	String
Default Value	Not Applicable
Range	Not Applicable
Example	sip vmail: *86 Note: In the above example, the user would press the Message Key and the phone would automatically dial *86 to access the voicemail account.

Per-Line Setting

Parameter – <i>sip lineN vmail</i>	Configuration Files aastra.cfg, <mac>.cfg
Note: The value of "N" is 1 - 9.	
Description	Specifies the digits to dial to reach the voicemail system connected to the sip account for the line indicated. Configuring this parameter allows a user to call the voicemail system automatically by pressing the Message Key on the phone.
Format	String
Default Value	Not Applicable
Range	Not Applicable
Example	sip line1 vmail: *97 Note: In the above example, the user would press the Message Key and the phone would automatically dial *97 to access the voicemail account for Line 1.

Maintaining your New 6739i

Aastra's 6739i phone is an extremely durable, high-quality product. However, Aastra recommends occasional cleaning of the 6739i phone's touchscreen for long-lasting use for years to come. This section provides instructions on how to clean your phone's screen.

Cleaning the 6739i Touchscreen

Repeated use of the 6739i touchscreen may lead to a dirty screen. To clean the phone's screen, Aastra recommends the use of a super fine cotton cloth, cotton swab, or microfiber lens cloth made of microfiber suede (preferably one **without** sewn hems or similar characteristics that would scratch the surface of the screen). You can use the cloth dry for dusting, polishing and light cleaning, or dampen it (with water only) to deep clean the surface. If using a damp cloth, make sure to use just a little water on the cloth. Too much moisture can cause damage to your phone that could be permanent. If the cloth is dripping or the surface shows water spots after wiping, then you are using too much water on the cloth.

Some rules to follow when cleaning your screen are:

- DO NOT use any sharp objects including your fingernail.
- DO NOT rub, touch or tap the surface of the screen with sharp or abrasive items such as a ball-point pen or a screw driver.
- DO NOT use any type of cleansers including abrasive cleansers.
- DO NOT use any type of glass cleaner or any cleaner that contains alcohol or ammonia.
- DO NOT spray any type of cleaner directly on the phone's screen.
- DO NOT allow any liquid to run down the surface of the touchscreen and under the bezel.
- If using a damp cloth, DISCONNECT power to the phone before wiping the screen.



Caution: DO NOT use chemicals or sharp objects to clean your phone. Use of any type of cleaners, alcohol, ammonia, etc. and/or hard or sharp objects can harm the touchscreen surface and potentially cause transparent conductive film cracks in the screen.

To clean your 6739i touchscreen:

1. Disconnect power to your phone.
1. Get a soft cloth, such as a microfiber cloth.
2. If necessary, dampen the cloth. (for regular cleanings, a dry cloth is usually sufficient. For stubborn build-up, or for periodic deep cleanings, get the cloth wet under the faucet and then wring out until it is just damp.)
3. Wipe the screen gently with the cloth making sure to not get any moisture in the sides of the screen. You can also wipe down the entire phone to remove dirt and grime.
4. Allow your phone to completely dry after you are done cleaning. This should only take a few minutes.
5. Reconnect power to your phone.



Note: Keeping your touchscreen clean and free of dirt and fingerprints on a regular basis extends the life of your phone's touchscreen.

Contacting Aastra Telecom Support

If you've read this release note, and consulted the Troubleshooting section of your phone model's manual and still have problems, please contact Aastra Telecom Support via one of these methods:

North America

- Toll Free 1-800-574-1611
- Direct +1-469-365-3639
- Online at <http://www.aastratelecom.com/support>, click on Contact Technical Support

Outside North America

- Please contact your regional Aastra Technical Support.

Generic SIP IP Phone Model 6739i

3.0 Release Notes

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