Aastra S850i Wireless Conference Phone System

Installation and Quick Start User Guide

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Content

Welcome

Congratulations on your purchase of the Aastra S850i Wireless Conference Phone System. This system utilizes state of the art technology providing high bandwidth audio and enabling clear, reliable, untethered communications with your telephone, PC, mobile device, and video conferencing system. The Aastra S850i Wireless Conference Phone System provides enhanced freedom for telephone and video conferences by allowing independent locations of the microphones and the speaker during the call.

Unpacking

Your Aastra S850i Wireless Conference Phone System contains the following items:
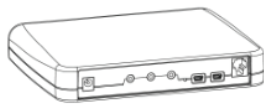
Wireless Base Unit	**Charger Tray**	**Speaker**	**Handset/Dialer**
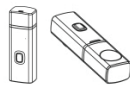
2 Omnidirectional Microphones	**12-15V AC Adapter for Charger Tray**	**RJ45 Ethernet Cable**
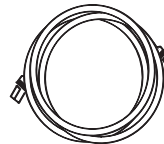
When unpacking the system be sure to take inventory of all parts to ensure that nothing is missing. If parts are missing, please contact your retailer.

Aastra S850i Wireless Conference Phone System components are partially charged. Please charge the Speaker, the Microphones, and the Handset/Dialer for **at least 8 hours or overnight** before using the system.

Installation and Setup

Connecting the Wireless Base Unit

Place the Wireless Base Unit close to the Ethernet outlet you want to use for the conference phone. Connect the Wireless Base Unit to the network using the provided Ethernet cable.

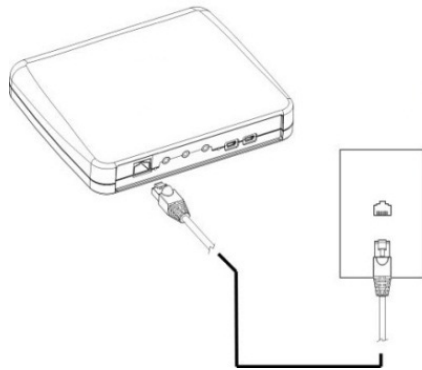The Wireless Base Unit is powered using Power over Ethernet (PoE).

Connecting the Charger Tray

Place the Charger Tray at a location where you can easily access the Microphones and the Speaker for your conference calls (e.g. on a side board, a desk, or the conference table).

Connect the Charger Tray to a power outlet using the provided 12-15V power supply.
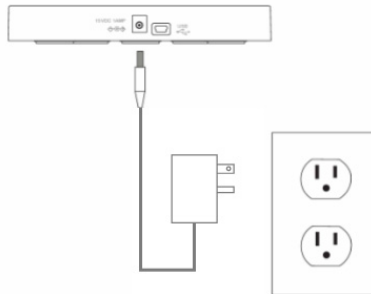
Place the Speaker, the Microphones, and the Handset/Dialer in the respective openings of the Charger Tray to charge them.

The Handset/Dialer and Speaker will automatically connect to the Wireless Base Unit after a short time when powered up. You will hear a confirmation chime from the Speaker once the system is ready for use. The Microphones only connect when taken out of the Charger Tray, or if the multi-function button is pressed while in the Charger Tray. If the Speaker or the Handset/Dialer are not powered up, take them out of the Charger Tray for a few seconds and put them back in. This will switch on the component.

Phone Configuration

Before using the S850i for the first time, you will need to select the system language. The six options are **English**, **Español** (Spanish), **Français** (French), **Deutsch** (German), **Italiano** (Italian), and **Português** (Portuguese).

```
                    Language
          English
          Español
          Français
          Deutsch
          Italiano
          Português
                              Select
```
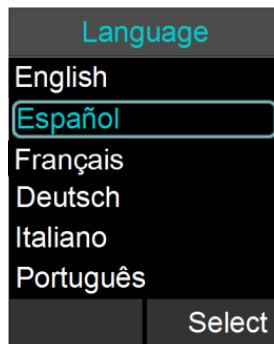
Highlight the language of your choice, and press either **Enter** or **Select** on the Handset/Dialer to select it. Once a language is selected, the system will use that language for all screen contents. Please ensure that you select the right language. If you need to change the selected language later on, this can be done in the advanced setup menu of the Handset/Dialer.

Connecting to the SIP Call Manager

Depending on your switch, different settings will be required for your S850i to work in your environment. First of all, the S850i will require an IP address. The IP address can either be obtained from a DHCP server in your network, or be statically set on the phone. The phone is preset to DHCP. If you want to change this, please open the menu on the Handset/Dialer by pressing the right soft key, go to the **Setup** menu, and select **Advanced Setup**. You will have to enter a password, which is preset to 2222. Now select **Network Settings**. Under **IP Settings** you can set the required network values like IP address, subnet mask, default gateway, and DNS servers. You will need to restart the phone for any changes you made in this section to take effect.

If you are using DHCP, you can go to the **System Info** menu, and select **About System**. The assigned IP address for the S850i will be shown here. If you configured a Virtual LAN (VLAN) for your voice traffic on your IP network, you need to either enable VLAN on the Handset/Dialer and provide the VLAN identifier, or select **Automatic**, in which case the S850i will try to determine the VLAN settings of your network at startup.

Independent on how the IP address of your system was assigned, the S850i phone has to be configured to work in your VoIP environment and communicate with your IP PBX. You will have to enable the extension (user) you want to use with the S850i on your IP PBX. Please review your PBX documentation on information on how to do that. For the minimal setup, in the Handset/Dialer you will have to provide information on the IP connection to the IP PBX. To do this visit **Menu** > **Setup** > **Advanced Setup** > **Network Settings** > **VOIP Settings**. Under **Registrar**, provide the IP address or host name of your IP PBX. The **Username** should be the extension or name under which you want to register this phone on the IP PBX. In **Password**, provide the password for this username. If no values are provided for **ID** and **Display Name**, the Username entry will be used for them. Select **Reload Settings** after you have set the values in the Handset/Dialer, which will restart the base.

If further settings are required to connect the S850i to your IP PBX (e.g. a proxy server) please visit the S850i Web Interface. You get to this interface by entering the IP address of the S850i into the web browser of your choice. After you entered the password (2222, unless you changed it in the Handset/Dialer), you can find the SIP settings under the **Administrator** tab on the top right. You will find the different SIP settings under **SIP Registration**, **SIP Configuration**, **Transport**, and **Media**. You have to press **Save** on every page where you changed an entry to save these changes. If you do not press **Save**, the changes will be lost when you leave that page. Restart the phone once you are finished with your changes.

Making a Call

To make a conference call, take at least one of the Microphones out of the Charger Tray, and take the Handset/Dialer out of the Charger Tray. You can remove all Microphones and the Speaker if you wish, but this is not required. Use the Handset/Dialer to enter the number you want to call, including any leading digits your IP PBX might require.

The Speaker and any Microphones that are not in the Charger Tray will be active during the call.

To finish a conference call, either press the red hang-up button on the Handset/Dialer, or return all Microphones to the Charger Tray.

To make a call using the Handset/Dialer, do not remove any Microphone from the Charger Tray before starting to dial the number. At this point, only the Handset/Dialer will be used for the call.

To end the call, press the red hang-up button on the Handset/Dialer.

To toggle between handset and conference mode, remove a Microphone out of the Charger Tray and use the button on the Handset/Dialer.

To answer a call in conference mode, simply remove one or more Microphones from the Charger Tray when the Speaker rings.

If a Microphone is already out of the Charger Tray when an incoming call comes in, press the button on the Microphone to answer the call in conference mode.

You can also use the Handset/Dialer to answer the call by pressing the green call button on the Handset/Dialer. If all Microphones are in the Charger Tray at this time, the call will be answered using the Handset/Dialer mode. If at least one Microphone is switched on and not in the Charger Tray, this will answer the call in conference mode.

Quick Start Reference

Microphone status:
Green - unmuted
Red - muted
Grey - off
Yellow - unknown

Speaker status:
Green - available
Grey - off
Yellow - unknown

Handset battery status

Line status:
Grey - line not in use
Green - active call
Orange - call on hold
Yellow - incoming call

Active Call (1)
00:12:43
John Public
5555671234

Speaker   Mute

To start a local conference call:
1. Dial the first number, press
2. Once the call is established, press ▶
3. Now dial the second number, press
4. Once that call is established, press ◀
   to go back to the call on hold
5. Select **Join** on the soft keys to
   establish the conference

Make call

During call:
Start active
call menu

Volume up

End call

Volume down

Active Call Menu

Hold — Place caller on hold

Conference — Start a conference call, dial second number, or use recent calls/contacts

Transfer — Transfer call 1 to call 2

Device Status — Information about components and status

Audio Controls — Change volume, equalizer, or audio mixer settings

System Info — System information

Return   Select

Handset Call

Remove the Handset/Dialer from the Charger Tray and leave the Microphones in the Charger Tray. Ensure that the Microphone status on the screen of the Handset/Dialer is **off** (grey) for all Microphones. Dial the number, and press the ☎ key.

Conference Call

Remove at least one Microphone from the Charger Tray. Removal of the Handset/Dialer and Speaker from the Charger Tray is optional. Dial the number, and press the ☎ key.

Switch between Conference and Handset Call

At least one Microphone must be out of the Charger Tray. Press the left soft-key labeled **Handset** or **Speaker** to switch between the two modes.
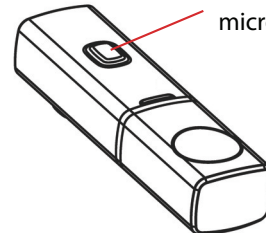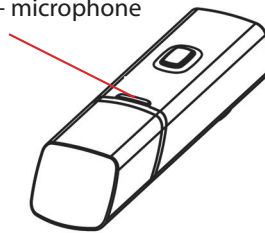
Use of Components in Charger Tray

The Handset/Dialer and Speaker work and are active in the Charger Tray. To enable the Microphones in the Charger Tray, press the multi-function button on the Microphone to turn it on. Microphones in the Charger Tray always start muted and stay muted unless an active call is taking place. During the call, you can mute and unmute the Microphone by pressing the button.

Microphone LED:
Blinking green - microphone unmuted
Blinking red - microphone muted
Blinking red, orange, green - microphone
connecting to base station

Mute/unmute
microphone

Note:
After finishing a call, return the Microphones,Speaker, and Handset/Dialer back to the Charger Tray!

Safety Warnings

Warning!
Do not expose any of the S850i components to water, moisture, or high humidity.

Warning!
Do not expose any of the S850i components to extreme high or low temperatures

Warning!
Do not expose any of the S850i components to lit candles, cigarettes, cigars, or to open flames, etc.

Warning!
Do not drop, throw, or try to bend any of the components, as rough treatment could damage them.

Warning!
Do not open the casings of any of the components of the S850i Wireless Conference Phone System.

Warning!
Do not use any other accessories than Aastra's originals intended for use with this product. Use of non-original accessories may result in loss of performance, damage to the product, fire, electric shock or injury. The warranty does not cover product failures which have been caused by use of non-original accessories.

Warning!
Only use the power adapter provided to connect the charger tray to the power outlet

Warning!
Do not open or try to modify any of the batteries delivered with the S850i Wireless Conference Phone System components. Replace batteries only with Aastra approved batteries.

Warning!
Extreme heat, short circuits, or any attempt to open or modify the batteries might cause them to ignite or explode.

Limited Warranty

(Not applicable in Australia – see below for Limited Warranty in Australia)

Aastra warrants this product against defects and malfunctions in accordance with Aastra's authorized, written functional specification relating to such products during a one (1) year period from the date of original purchase ("Warranty Period"). If there is a defect or malfunction, Aastra shall, at its option, and as the exclusive remedy, either repair or replace the product at no charge, if returned within the Warranty Period. If replacement parts are used in making repairs, these parts may be refurbished, or may contain refurbished materials. If it is necessary to replace the product, it may be replaced with a refurbished product of the same design and color. If it should become necessary to repair or replace a defective or malfunctioning product under this warranty, the provisions of this warranty shall apply to the repaired or replaced product until the expiration of ninety (90) days from the date of pick up, or the date of shipment to you, of the repaired or replacement product, or until the end of the original Warranty Period, whichever is later. Proof of the original purchase date is to be provided with all products returned for warranty repairs.

Exclusions

Aastra does not warrant its products to be compatible with the equipment of any particular telephone company. This warranty does not extend to damage to products resulting from improper installation or operation, alteration, accident, neglect, abuse, misuse, fire or natural causes such as storms or floods, after the product is in your possession. Aastra will not accept liability for any damages and/or long distance charges, which result from unauthorized and/or unlawful use.

Aastra shall not be liable for any incidental or consequential damages, including, but not limited to, loss, damage or expense directly or indirectly arising from the customer's use of or inability to use this product, either separately or in combination with other equipment. This paragraph, however, shall not apply to consequential damages for injury to the person in the case of products used or bought for use primarily for personal, family or household purposes.

This warranty sets forth the entire liability and obligations of Aastra with respect to breach of warranty, and the warranties set forth or limited herein are the sole warranties and are in lieu of all other warranties, expressed or implied, including warranties or fitness for particular purpose and merchantability.

Warranty Repair Services

Should the product fail during the Warranty Period;

- **In North America,** please call 1-800-574-1611 for further information.
- **Outside North America**, contact your sales representative for return instructions.

You will be responsible for shipping charges, if any. When you return this product for warranty service, you must present proof of purchase.

After Warranty Service

Aastra offers ongoing repair and support for this product. This service provides repair or replacement of your Aastra product, at Aastra's option, for a fixed charge. You are responsible for all shipping charges. For further information and shipping instructions:

- **In North America**, contact our service information number: 1-800-574-1611.
- **Outside North America**, contact your sales representative.

> **Note:**
> Repairs to this product may be made only by the manufacturer and its authorized agents, or by others who are legally authorized. This restriction applies during and after the Warranty Period. Unauthorized repair will void the warranty.

Limited Warranty (Australia Only)

The benefits under the Aastra Limited Warranty below are in addition to other rights and remedies to which you may be entitled under a law in relation to the products.

In addition to all rights and remedies to which you may be entitled under the *Competition and Consumer Act 2010* (Commonwealth) and any other relevant legislation, Aastra warrants this product against defects and malfunctions in accordance with Aastra's authorized, written functional specification relating to such products during a one (1) year period from the date of original purchase ("Warranty Period"). If there is a defect or malfunction, Aastra shall, at its option, and as the exclusive remedy under this limited warranty, either repair or replace the product at no charge, if returned within the Warranty Period.

Repair Notice

To the extent that the product contains user-generated data, you should be aware that repair of the goods may result in loss of the data. Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods. If it is necessary to replace the product under this limited warranty, it may be replaced with a refurbished product of the same design and color.

If it should become necessary to repair or replace a defective or malfunctioning product under this warranty, the provisions of this warranty shall apply to the repaired or replaced product until the expiration of ninety (90) days from the date of pick up, or the date of shipment to you, of the repaired or replacement product, or until the end of the original Warranty Period, whichever is later. Proof of the original purchase date is to be provided with all products returned for warranty repairs.

Exclusions

Aastra does not warrant its products to be compatible with the equipment of any particular telephone company. This warranty does not extend to damage to products resulting from improper installation or operation, alteration, accident, neglect, abuse, misuse, fire or natural causes such as storms or floods, after the product is in your possession. Aastra will not accept liability for any damages and/or long distance charges, which result from unauthorized and/or unlawful use.

To the extent permitted by law, Aastra shall not be liable for any incidental damages, including, but not limited to, loss, damage or expense directly or indirectly arising from your use of or inability to use this product, either separately or in combination with other equipment. This paragraph, however, is not intended to have the effect of excluding, restricting or modifying the application of all or any of the provisions of Part 5-4 of Schedule 2 to the Competition and Consumer Act 2010 (**the ACL**), the exercise of a right conferred by such a provision or any liability of Aastra in relation to a failure to comply with a guarantee that applies under Division 1 of Part 3-2 of the ACL to a supply of goods or services.

This express warranty sets forth the entire liability and obligations of Aastra with respect to breach of this express warranty and is in lieu of all other express or implied warranties other than those conferred by a law whose application cannot be excluded, restricted or modified. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty Repair Services

Procedure: Should the product fail during the Warranty Period and you wish to make a claim under this express warranty, please contact the Aastra authorized reseller who sold you this product (details as per the invoice) and present proof of purchase. You will be responsible for shipping charges, if any.

Manufacturer: Aastra Telecom Australia Pty Ltd
745 Springvale Road
Mulgrave VIC 3170
ABN 16 140 787 195
Phone: +61 3 8562 2700

Limitation of Liability for Products not of a kind ordinarily acquired for personal, domestic or household use or consumption (e.g. goods/services ordinarily supplied for business-use)

1.1 To the extent permitted by law and subject to clause 1.2 below, the liability of Aastra to you for any non-compliance with a statutory guarantee or loss or damage arising out of or in connection with the supply of goods or services (whether for tort (including negligence), statute, custom, law or on any other basis) is limited to:

   a) in the case of services:

   i) the resupply of the services; or

   ii) the payment of the cost of resupply; and

   b) in the case of goods:

   i) the replacement of the goods or the supply of equivalent goods; or

   ii) the repair of the goods; or

   iii) the payment of the cost of replacing the goods or of acquiring equivalent goods; or

   iv) the payment of the cost of having the goods repaired.

1.2 Clause 1.1 is not intended to have the effect of excluding, restricting or modifying:

   a) the application of all or any of the provisions of Part 5-4 of Schedule 2 to the Competition and Consumer Act 2010 (**the ACL**); or

   b) the exercise of a right conferred by such a provision; or

   c) any liability of Aastra in relation to a failure to comply with a guarantee that applies under Division 1 of Part 3-2 of the ACL to a supply of goods or services.

After Warranty Service

Aastra offers ongoing repair and support for this product. If you are not otherwise entitled to a remedy for a failure to comply with a guarantee that cannot be excluded under the Australian Consumer Law, this service provides repair or replacement of your Aastra product, at Aastra's option, for a fixed charge. You are responsible for all shipping charges. For further information and shipping instructions contact:

Aastra Telecom Australia Pty Ltd
745 Springvale Road
Mulgrave VIC 3170
ABN 16 140 787 195
Phone: +61 3 8562 2700

> **Note:**
> Repairs to this product may be made only by the manufacturer and its authorized agents, or by others who are legally authorized. Unauthorized repair will void this express warranty.

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