Savi 8200 Series

Wireless Headset System

User Guide

Contents

DECT Information

DECT 6.0 products should never be used outside the region in which they were originally purchased and intended to be used.

The enclosed DECT 6.0 wireless product uses restricted wireless radio frequencies which vary by country. DECT 6.0 devices are generally authorized for use in The Americas. Use of this DECT 6.0 product in unauthorized countries is a violation of law, may disrupt telecommunications networks and devices, and can subject you to fines and penalties by regulatory agencies.

DECT Enhanced Security

Plantronics is a member of the DECT Forum and has fully adopted their recommendations for enhancements to security within all DECT products.

Plantronics DECT-based products now fully incorporate the latest recommendations on Enhanced Security from the DECT Forum and ETSI. These improvements cover registration, authentication, authorization and encryption procedures. Plantronics DECT products are now secure against all the known vulnerabilities that were highlighted by the public announcements of the Chaos Council in 2009.

Plantronics Savi 8200 Series DECT products have been tested against and passed the DECT Forum security certification requirements and consequently have been granted 'DECT Forum security' logo certification.
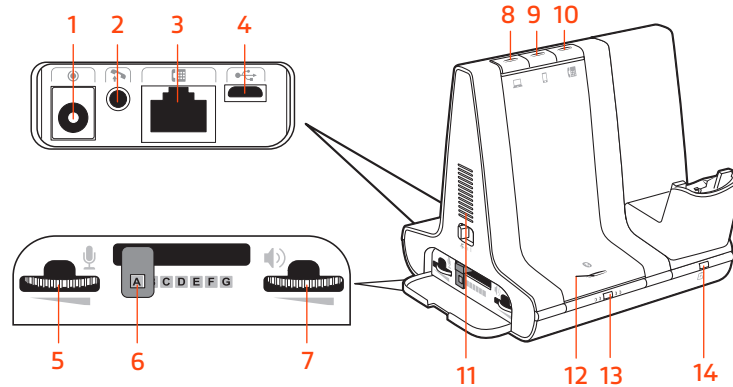
Plantronics products using the new enhanced version of DECT that includes these security improvements are marked on the base with the DECT Forum security logo.

Overview

Base and Headset Basics

Base

1 Power jack	**8** Computer button
2 Handset lifter jack	**9** Mobile phone button
3 Telephone interface cable jack	**10** Desk phone button
4 USB port	**11** Incoming call ringer
5 Desk phone speaking volume	**12** Bluetooth pairing button/LED
6 Desk phone configuration switch	**13** Subscription button/LED
7 Desk phone listening volume	**14** Charging LED

Headset
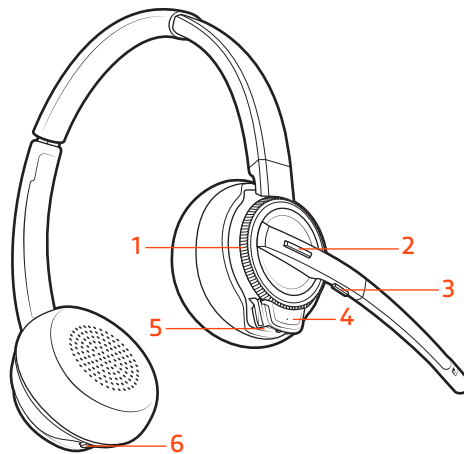
1 Volume wheel	**4** Headset LED
2 Call button	**5** Power button
3 Mute	**6** ANC (Active Noise Canceling)

Be safe

Please read the safety guide for important safety, charging, battery and regulatory information before using your new headset.

Accessories
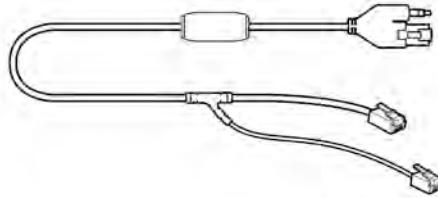
1 **Electronic hookswitch cable (EHS cable)** Electronically and automatically answers/ends a desk phone call. Enables remote call control with your headset.

2 **HL10 lifter** Automatically lifts handset and returns it to the cradle. Enables remote call control with your headset.

Hook up your system

Using the diagram, connect your headset system.

Desk phone setup details

Choose a desk phone setup **A, B or C** and connect cables.

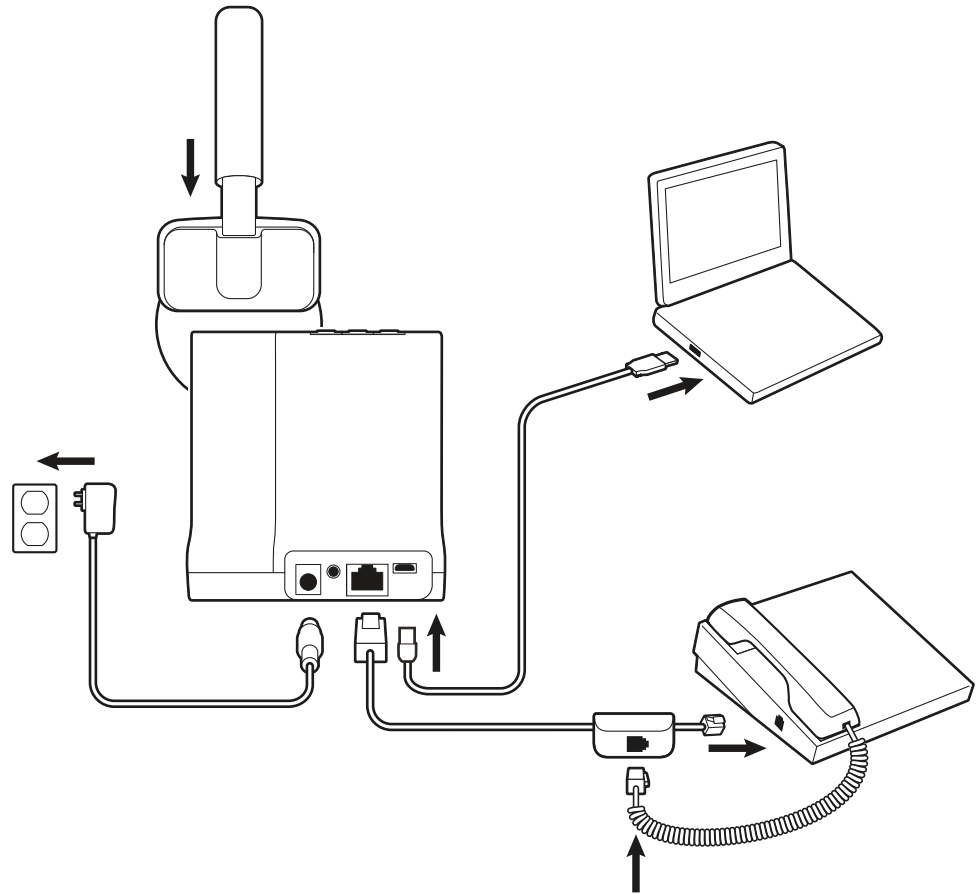**A   Desk phone (standard)**

USE
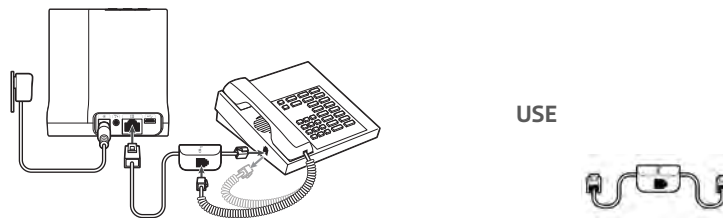
- Connect one end of the telephone interface cable to the back of the base

- Disconnect the handset coil cord from the base of the desk phone and re-connect it to the telephone interface cable junction box.

- Finally connect the remaining end of the telephone interface cable into the open handset port on the desk phone.

  NOTE *If your phone has a built-in headset port, you should only use the headset port if you will not be using the HL10 lifter. In this configuration, you must press both the headset button on your phone and the call control button on the headset to answer or end calls.*

B **Desk phone + EHS cable (sold separately)**
See the user guide at plantronics.com/accessories for details.

USE
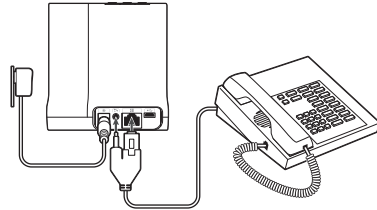
C **Desk phone + HL10 lifter (sold separately)**
See the user guide at plantronics.com/accessories for details.

USE
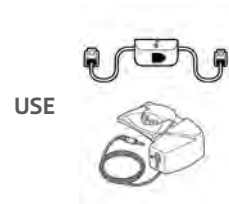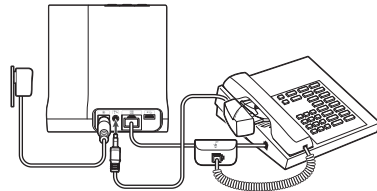
Position Your Base

The minimum recommended separation between your desk phone and the base is 6 inches.

The minimum recommended separation between the base and computer is 12 inches. Incorrect position can cause noise and interference problems.
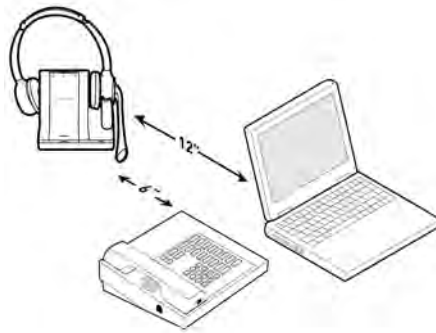
Fit and charge

Customize Your Headset

Optimize the comfort and fit of your headset.

Adjust the Headband

1   To adjust the headband, lengthen or shorten the band until it fits comfortably. Position the earcups so that the foam cushions sit comfortably over the center of your ears.

2   Position the stabilizer T-bar above your ear, if applicable.
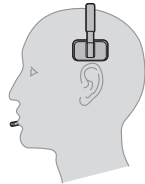
Adjust the Boom

For optimum audio, bend the boom so it is approximately two finger widths from the corner of your mouth.

NOTE *For true stereo listening when wearing the boom on the left, adjust the setting in Plantronics Hub (plantronics.com/software) by going to* **Settings > Ringtones and Volumes > Wearing preference for volume control**.

Charge Your Headset

Place the headset in the charge cradle. The headset charging LED flashes green when charging the headset and turns solid green when the headset is fully charged. Charge for at least 20 minutes prior to the first use. A full charge takes 3 hours.

Talk Time

With a single full charge, the headset provides up to 13 hours of continual talk time in wideband mode.

Headset Battery Status

There are 3 ways to determine your headset battery status.

• Listen to the voice prompts after powering on the headset

• Hover over the Plantronics Hub system tray icon

• Press the base subscription button; the base Audio buttons light up (solid green is high battery, flashing green is medium, flashing yellow is low, flashing red is critical).

Pair your headset

1   To pair your base and mobile phone, first power on your headset. Press and hold the Bluetooth pairing button on the base for 4 seconds until the Bluetooth LED flashes red and blue.
NOTE *Your base and headset are automatically paired/subscribed.*
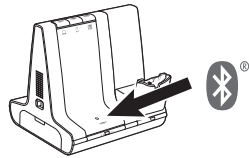
2   Go to Bluetooth settings on your mobile phone and select **PLT Savi**. Once successfully paired, the Bluetooth LED on the base turns solid blue.

Auto Connect Feature

Once you have paired and connected your mobile phone to the base, the base automatically connects to it when you are in range of your base.

To manually disconnect/connect your mobile phone from the base, press the base Bluetooth button.

You may customize this feature in Plantronics Hub **Settings** > **Wireless** > **Auto Connect to Mobile Phone**.

Load software

Plantronics Hub for Windows/Mac is an invaluable resource to change settings, update firmware, change your headset language and more.

1 Download Plantronics Hub for Windows/Mac by visiting plantronics.com/software.
2 Manage your headset settings on your computer with Plantronics Hub:
  • Call control for softphones
  NOTE *Some softphones require the installation of Plantronics Hub for Windows/Mac to enable headset call control (answer/end and mute) functionality.*

  • Change headset language

  • Update firmware

  • Turn features on/off

  • View user guide

The basics

Headset Controls
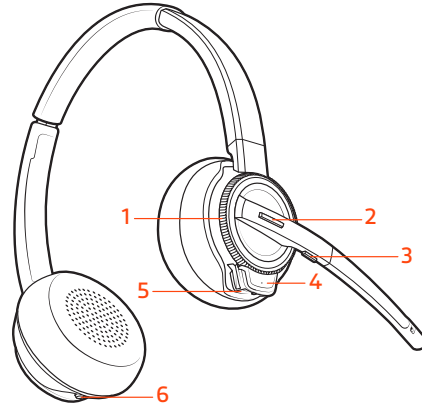
1 **Volume wheel**   Rotate volume wheel to adjust volume

2 **Call button**   Press to place, answer, end a call

3 **Mute button**   During a call, press to mute and unmute

4 **Headset LED**   Flashes when in use

5 **Power button**   Toggle on and off

6 **ANC (Active Noise Canceling)**   Toggle on and off

Power on your headset

To turn on the headset, slide the Power button on the bottom of the earcup to reveal green.

Make, answer, end calls

On the top of the base there are three Audio buttons: computer, mobile, desk phone. These buttons allow you to switch to a different phone line/audio channel.

Make a call

1 Tap an Audio button 🖥 📱 ☎ on the base.

2 *Deskphone only*: Manually remove the handset if you don't have an HL10 lifter or EHS cable. You should hear a dial tone.

TIP *If you do not hear a dial tone, open the base side panel and adjust the middle switch (A--G). "A" works for the majority of desk phones.*

3 Dial from your softphone/mobile phone/desk phone.

Answer/end a call

To answer or end a call, tap the Audio button 🖥 📱 ☎ on the base or tap the headset Call button.

TIP *Headset call control for the computer requires Plantronics software and softphone compatibility. See "Download software."*

Answer a second call

1 While on a call, press the headset Call button for 2 seconds to answer the second call. This will place the first call on hold.

2 To switch between the calls, press the headset Call button for 2 seconds.

Reject a Mobile Call

To reject an incoming call, hold the base mobile button down for 3 seconds.

Change your default phone line	With the system idle, change your default phone line/audio channel by pressing and holding for 4 seconds the desired base Audio button until it flashes green 4 times. *Customizable in Plantronics Hub also*.
Get a dial tone	To open an audio channel or get a dial tone, press the headset Call button for 1 second while the system is idle; the default base Audio button turns green.
Adjust volume	• **Headset volume** Fine-tune your headset volume by adjusting the volume wheel.
	• **Desk phone volume** When you are on a desk phone call and your voice is too quiet/loud, adjust the microphone volume on the side of the base, located behind the access panel. If your caller's voice is too loud/quiet on a desk phone call, adjust the base volume dial.
	• **Base ringtone volume** Adjust the base ringtone volume on the left side of the base. This ringtone alerts you if you are not wearing your headset and a call comes in.
Mute	To mute your headset during on a call, press the headset Mute button. When mute is active, the base button is red. To unmute, press the headset Call button or the active base Audio button.
Transfer mobile audio	When you answer a call, the audio stays with that device (if you answer with the headset, the audio stays on the headset; answer with your mobile phone, the audio stays on your mobile).

1   To transfer a mobile call **from your headset to your mobile phone,** press the base mobile phone button for 3 seconds. The green LED turns off.

2   To transfer a mobile call **from your mobile phone to your headset,** press the base mobile phone once. The green LED turns on.

Audio streaming	To stream audio from your computer or mobile device, first press the computer or mobile base Audio button and then play the audio. When streaming audio, the base Bluetooth button is purple.
ANC	Active Noise Canceling (ANC) reduces external noise and enhances your music and sound quality.
	Your headset ships with ANC on. To turn ANC off, slide the switch away from "ANC."
Optimize audio quality	There are 3 audio modes: wideband stereo (default), wideband (high quality telephony) and multimedia (high quality listening).
	To optimize your audio quality for your activity, with the system idle, press the headset Mute button for 4 seconds. The base cycles through the modes with each 4 second press. The base blinks yellow for wideband stereo, green for wideband and red for multimedia mode.
Mini conference call	Simultaneously hold the base buttons of any two of the three base buttons until the LEDs become solid green to combine the audio of any two devices and create a mini conference call.
Set up a conference call	You can set up a conference call with 4 additional headsets.

Join similar Savi headsets

1   While on a call, place the guest headset into the primary user's charge cradle.
The base subscription LED flashes yellow and green.

2   The primary user will hear a request "Conference requested." To accept the request, press the primary user's headset Call button. The base subscription LED turns solid yellow to indicate conference call mode. View conference call status by going to Plantronics Hub **About** > **Connections** > **Conferenced headsets**.

Join different Savi headsets

1   While on a call, press the base subscription button.
    The base subscription LED flashes yellow and green.

2   Next press the guest headset volume up button until the headset LED turns on.

3   The primary user will hear a request "Conference requested." To accept the request, press the primary user's headset Call button. The base subscription LED turns solid yellow to indicate conference call mode. View conference call status by going to Plantronics Hub **About** > **Connections** > **Conferenced headsets**.

    Exit a conference call

1   Guest headsets can remain as guests through multiple calls. To remove a guest headset, either press the guest headset's Call button or dock the primary user's headset in the charge cradle.

Change voice prompt language

1   To change the voice prompt language on your headset, directly connect your headset to your computer via a USB/USB-C cable (do not dock it in the base cradle).

2   Open Plantronics Hub and go to **Settings** > **Language**
    You can choose from: Cantonese, Danish, English (UK, US), French, German, Indonesian, Italian, Japanese, Korean, Mandarin, Norwegian, Russian, Spanish, Swedish and Thai.

More Features

Base Subscription Button

The headset and base that came in the box are subscribed (connected) to each other. However, if you wish to use a new headset or need to restore subscription to your current headset (base subscription button is red), the units can be subscribed to each other by the following methods.

The subscription button is below the Bluetooth button on the front of the base.

Base Subscription Button LED

Base Subscription LED	Base Status
Flashes green and red	Primary headset subscription mode
Solid green	Primary headset subscribed to base
Solid yellow	Active conference call with guest headsets
Solid red	No headset subscribed
Flashes green 3X, the yellow 2X	Security level changed from enhanced to standard

Set the Range

Changing the range can help with desk phone/PC audio quality, improve user density or restrict range of users.

You can change the range using the subscription button on the base. With the system idle, press the subscription and desk phone buttons for 3 seconds. With each 3 second press the desk phone button will cycle through ranges: green for high range, yellow for medium and red for low.

Setting	Range
High (Default) (green)	up to 350 ft.
Medium (yellow)	up to 150 ft.
Low (red)	up to 50 ft.

You can also adjust the range setting in Plantronics Hub **Settings** > **Wireless**. > **Range**.

Automatic secure subscription

With your system idle, docking a new headset automatically subscribes it to the base, making it the primary headset. The base subscription LED blinks green/red during subscription mode and remains green when the new subscription is established.

Manual secure subscription

With your system idle and your headset docked, double press the subscription button on the base. The subscription light will flash red and green. When the subscription light on the base becomes solid green, the headset and base are subscribed to one another.

Manual over-the-air subscription

1 With your system idle and your headset undocked, double press the subscription button on the base. The subscription light will flash green and red.

2 Press the headset Call button up for 4 seconds; you hear "pairing." Upon release, the headset LED flashes red/green. When the subscription light on the base remains solid green, the headset and base are subscribed to one another; you hear "pairing successful. Base connected."

NOTE *If the base subscription LED goes solid red, after flashing red/green, the subscription attempt has failed and should be repeated.*

End Subscription

If the base is in subscription mode and you want to stop the base from searching for a headset, press the subscription button again. The subscription light will be solid red for four seconds and then go to its previous state.

Disabling Over-the-Air Subscription

The Savi system ships with the over-the-air headset subscription enabled. In a multi-shift environment, you may want to disable this mode of subscription.

To disable over-the air subscription, while your system is idle, hold the subscription button and the base computer button down simultaneously until the base computer button LED flashes (green for enabled, red for disabled).

You can also adjust the over-the-air subscription setting in Plantronics Hub **Settings** > **Wireless**. .

Subscription and Security Levels

Your Savi 700 Series headset system (v28 or later) supports DECT Forum recommendations for "Enhanced Security". Products with Enhanced Security are marked with the DECT Forum security logo on the base.

Both your headset and headset base are compatible with older (prior to v28) headset bases and headsets supporting older versions of DECT. Below is helpful information if you plan to use Enhanced Security and older DECT components together.

If your Enhanced Security headset or headset base is subscribed with an older headset or headset base, the resulting security level for the mixed headset and base combination will be set to the level of the older headset for all calls. This is because older system components are not able to support Enhanced Security.

All subscription details above apply when subscribing an Enhanced Security headset to an older base, or visa versa, however there are unique system alerts indicating that the system is changing the security level from Enhanced Security to the older version of security.

If an older headset is subscribed to an Enhanced Security Base:

- The subscription LED (lower left) will flash GREEN 3 times followed by YELLOW 2 times. This flash pattern repeats 2 times.

If an Enhanced Security headset is subscribed to an older base:

- The Enhanced Security headset will play a security notification tone.

- The mono-colored LED on the headset will flash 3 times, then 2 times. This flash pattern is repeated 2 times.

Troubleshooting

Headset

My headset is unstable.	When you wear the headset, the microphone should rest as close to your cheek as possible without touching. The microphone can be adjusted inward by the pivoting earpiece to optimize the position of the headset. See Position Your Headset.
Talk time performance is significantly degraded even after a full recharge.	Battery is wearing out. Contact us at plantronics.com/support .
I can't hear a dial tone in the headset.	Make sure your headset is charged.
	Make sure your headset is subscribed to base. See Base Subscription.
	Press the base desk phone button.
	Make sure the lifter is lifting the handset high enough to operate the hookswitch; set to a higher setting if necessary.
	Adjust the configuration switch on the base until a dial tone is heard. The default **A** works for most phones. See Make a Desk Phone Call.
	Fine tune the listening volume with the headset call control button. See Adjust Your Headset Volume.
	If the volume is still too low, adjust the desk phone listening volume on the base. See Adjust Your Headset Volume.
I hear static.	Make sure there is at least 12 inches between your base and your computer, and 6 inches between your base and your telephone. If adjusting the distance doesn't help, your headset is going out of range, move closer to the base. See Position Your Base.
The sound is distorted.	Lower the desk phone speaking volume and/or desk phone listening volume on the base. For most telephones the correct setting is position 3. See Adjust Your Headset Volume.
	If your desk phone has a volume control, lower until the distortion disappears.
	If the distortion is still present, adjust the headset volume control to lower the headset speaker volume. See Adjust Your Headset Volume.
	Make sure there is 12 inches between your base and your computer, and 6 inches between your base and your telephone. See Position Your Base.
I hear echo in the headset.	Lower the desk phone speaking volume and/or desk phone listening volume on the base. For most telephones the correct setting is position 3. See Adjust Your Headset Volume.
	If the audio level is too low in this position, increase the headset volume. See Adjust Your Headset Volume.
	If your speaking volume is too low for your listener in this position, adjust the position of the headset to make sure the microphone is as close as possible to your mouth.
	Adjust the configuration switch on the base until a dial tone is heard. The default **A** works for most phones. See Make a Desk Phone Call.

	People I talk to can hear a buzz in the background.	Move the base further away from your phone. See Position Your Base.
		If the base power supply is plugged into a power strip, plug it into the wall directly.
Desk Phone	The handset lifter is installed but does not lift the handset.	Be sure the handset lifter power cord is firmly pushed into the handset lifter jack on the base.
Mobile	Pairing problems	Ensure the Bluetooth LED on the base flashes red and blue by pressing the Bluetooth button for four seconds.
		Ensure the Bluetooth mobile phone is in search mode.
		When an active Bluetooth connection has been made, the base Bluetooth LED is solid blue.
	Why doesn't the base automatically reconnect with my mobile phone?	Ensure Plantronics Hub software had been installed.
		Adjust the "Auto-connect to mobile phone" in Plantronics Hub **Settings** > **Wireless**. Make sure that "*Never*" is not selected.
Softphone	When I dial from my softphone application, nothing happens.	Ensure your headset is charged.
		Ensure your headset is subscribed to the base. See Subscribing a Headset.
		Ensure that the Plantronics software is installed. To download, visit plantronics.com/software.
		Ensure that you are using a compatible softphone application. For a list of compatible softphones, visit plantronics.com/software.
		If the Plantronics software is not installed and you do not have a compatible softphone, you must first press the base computer call button and then use the softphone interface to place/answer/end calls.
		Ensure that the headset is the default sound device by going to your Sound Control Panel (Windows) or your Sound System Preferences (Mac).
		Restart your computer.
	Speaking and/or listening volume is too low or too high.	Adjust headset listening volume with volume button.
		Adjust listening/speaking volumes in the computer's sound control panel/system preferences.
		Adjust listening/speaking volumes in the softphone application.
	The sound is distorted or I hear an echo in the headset.	Reduce speaking and/or listening volume on the computer using your softphone application.
		Point microphone towards your chin.
		If the distortion is still present, lower the volume on the headset.
	I can no longer hear any audio through my PC Speakers.	**For Windows XP systems**

- Go to **Start** > **Control Panel** > **Sounds and Audio Devices** > **Audio** > **Sound Playback** and change the default setting from your Savi headset to your PC speakers. Click "OK" to confirm your change.

  For Windows Vista and Windows 7 systems

- Go to **Start** > **Control Panel** > **Sounds** > **Playback** and change the default setting from your Savi headset to your PC speakers. Click "OK" to confirm your change.

  For Mac OS X

- Choose Apple menu > System Preferences and click Sound.

- Click Output, and then select "Internal Speakers" or your speaker choice.

No audio connection to PC.   Unplug USB and power cables from base. Reconnect power cable first. Wait for power LED to illuminate, then re-connect USB cable. Quit and then re-start your PC audio or softphone application.

Appendix

Plantronics Hub
configurable settings

Feature	Location
Answering Call Alert	General
Audio channel tone	General
Audio sensing	General
Close conversation limiting	General
Default phone line	General
Online indicator	General
Second incoming call	General
Headset to PC radio link	General
Plantronics product improvement program	General
Software log level	General
Change language	Language

Brazilian Portugese, Cantonese, Danish, English (UK, US), French, German, Indonesian, Italian, Japanese, Korean, Mandarin, Norwegian, Russian, Spanish, Swedish and Thai.

Answering call	Base connected/disconnected/not connected	Battery high/medium/low
Call ignored	Connection failed	Conference requested/failed
Guest exited conference	Mute on/off/Muted	No number available
Pairing/Pairing incomplete	Phone connected/disconnected	Power on/off
Recharge headset	Volume maximum/minimum	

Feature	Location
Desk phone ringtone	Ringtone and Volume
PC ringtone	Ringtone and Volume
Mobile phone ringtone	Ringtone and Volume
Volume level tones	Ringtone and Volume
Wearing preference for volume control (stereo audio)	Ringtone and Volume
Ring location	Ringtone and Volume
Dial tone	Softphones
Target softphone	Softphones
Media player action on incoming call	Softphones
Softphones and media players (PLT enabled)	Softphones
Software settings (Aware for Microsoft)	Sensors and Presence
Audio quality	Wireless
Auto connect to mobile phone	Wireless
Bluetooth	Wireless
Mobile voice commands	Wireless
Over-the-air subscription	Wireless
Range	Wireless
Anti-startle	Advanced
Noise exposure	Advanced

System Requirements

Computer

- Supported Operating Systems: Windows® 7, Windows® 8, 8.1 and Windows 10; Mac OS X El Capitan, Mac OS X Sierra, Mac OS X High Serra, Mac OS X 10.11 and Mac OS X 10.13, Mac OS X Mojave

- Processor: 400 MHz Pentium® processor or equivalent (Minimum); 1 GHz Pentium processor or equivalent (Recommended)

- RAM: 96 MB (Minimum); 256 MB (Recommended)

- Hard Disk: 280 MB (Minimum); 500 MB or more (Recommended)

Display

- At least 800 x 600, 256 colors

- 1024 x 768 high color, 32-bit (Recommended)

Browser

- Internet Explorer® V10 or better must be on the user's system (Required)

Google Chrome™

Support

plantronics®