

Lexicon®



SL-1 Wireless Loudspeakers
SLC-1 Control Hub
SoundSteer® Mobile App

Owner's Manual

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.



12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Use the mains plug to disconnect the apparatus from the mains.
16. **WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.



17. DO NOT EXPOSE THIS EQUIPMENT TO DRIPPING OR SPLASHING AND ENSURE THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, ARE PLACED ON THE EQUIPMENT.

18. THE MAINS PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY OPERABLE.



TO PREVENT ELECTRIC SHOCK DO NOT REMOVE TOP OR BOTTOM COVERS. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



TO COMPLETELY DISCONNECT THIS EQUIPMENT FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE. THE MAINS PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY OPERABLE.



WATCH FOR THESE SYMBOLS:



The lightning bolt triangle is used to alert the user to the risk of electric shock.



The exclamation point triangle is used to alert the user to important operating or maintenance instructions.



WARNING: The apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

MAGNETIC FIELD

CAUTION! Do not locate sensitive high-gain equipment such as preamplifiers or tape decks directly above or below the unit. Because the integrated amplifier of this speaker has a high power density, it has a strong magnetic field which can induce hum into unshielded devices that are located nearby. The field is strongest in the vicinity of the subwoofer housing.

If an equipment rack is used, we recommend locating the amplifier(s) in the bottom of the rack and the preamplifier or other sensitive equipment at the top.

CALIFORNIA PROPOSITION 65 WARNING This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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1 - INTRODUCTION

Thank you for purchasing the Lexicon SL-1 wireless beam steering loudspeakers, SLC-1 Control Hub and companion remote control. This system is the most technologically advanced and highest performance wireless music system in the world. The SL-1 loudspeakers feature Lexicon's breakthrough audio innovation, SoundSteer technology.

Until now, listeners had to sit in a clearly defined "sweet spot" location that was determined by the speakers location in the room for optimum stereo imaging and spatial realism, leaving the music listening experience compromised as you move around the room. With SoundSteer you are no longer confined to one location for optimum music performance...the Lexicon SL-1 System brings the audio sweet spot to you.

The Lexicon SL-1 wireless loudspeaker system is a fully self-powered, high-resolution, loudspeaker with the unique ability to steer the sound to your listening position using the downloadable SoundSteer app on any smart phone or tablet. The advanced SoundSteer algorithm adjusts the location and size of the listening "sweet spot" in real time so you can optimize the listening experience to suit your individual needs.

The Lexicon SL-1 system includes two floor-standing loudspeakers with 66 total speaker drivers utilized in 360-degree configurations, powered by 46 discrete amplifiers outputting 1300W RMS of power per system.

The SCL-1 Wireless Control Hub transmits pristine, 24-bit high-resolution audio from various media sources via analog and digital audio inputs. The SLC-1 allows you to connect external audio sources such as a media server, disc player or music streaming device to SL-1 loudspeakers. The included remote control allows you to select music sources and control the system volume and bass level.

This manual includes information for all of the components in the system. We encourage you to take a few minutes to read this manual, which describes the products and includes step-by-step instructions to help you set up and start enjoying an exceptional audio experience...anywhere you sit in the room.

Read and understand all the safety instructions before using your product.

This product may have an important software update available. Please follow the instructions to connect the product to Wi-Fi to ensure that your product has the most recent software updates.

IMPORTANT! For the latest version of this manual, that may include information about operational changes associated with software updates, please visit www.lexicon.com

Design and specifications are subject to change without notice.

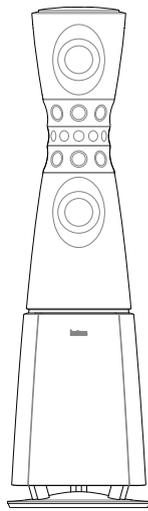
If you have any questions about these products, their installation or their operation, please contact your Lexicon retailer, Lexicon customer service, or visit us at www.lexicon.com

2 - WHAT'S IN THE SYSTEM

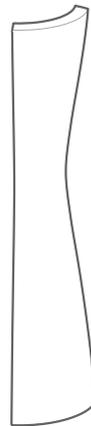
2.1 - SL-1 Loudspeakers

Carefully unpack the flight case (see Section 3 for guidance) and check if the following parts are included. If any part is damaged, do not use it, contact your Lexicon retailer or customer service.

Each flight case contains:



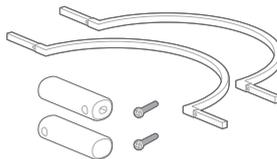
One (1) SL-1 loudspeaker



Four (4) grilles



One (1) power cord*



One (1) carry handle



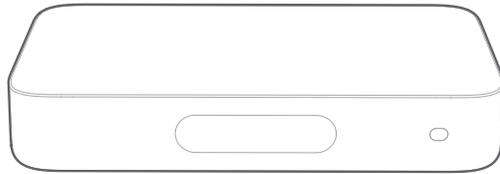
Six (6) carpet spikes (feet)

*Power cord quantity and plug type vary by region.

2.2 - SLC-1 Control Hub and Remote

Carefully unpack the box and check if the following parts are included. If any part is damaged, do not use it, contact your Lexicon retailer or customer service.

Each SLC-1 carton contains:



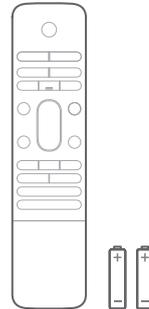
One (1) SCL-1 Control Hub



One (1) power cord*



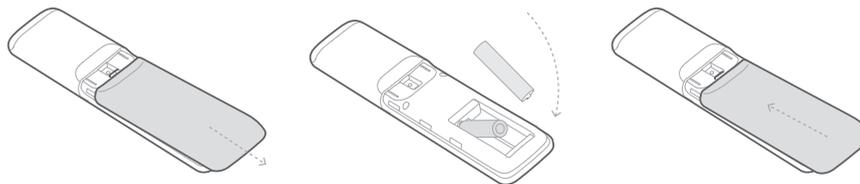
One (1) system owner's manual



One (1) remote control
(batteries sold separately)

*Power cord quantity and plug type vary by region.

Inserting batteries before using the remote control (AAA batteries x 2, sold separately)



Slide the battery cover in the direction of the arrow until it is completely removed. Insert 2 AAA batteries (1.5V, sold separately) oriented so that their polarity is correct. Slide the battery cover back into position.

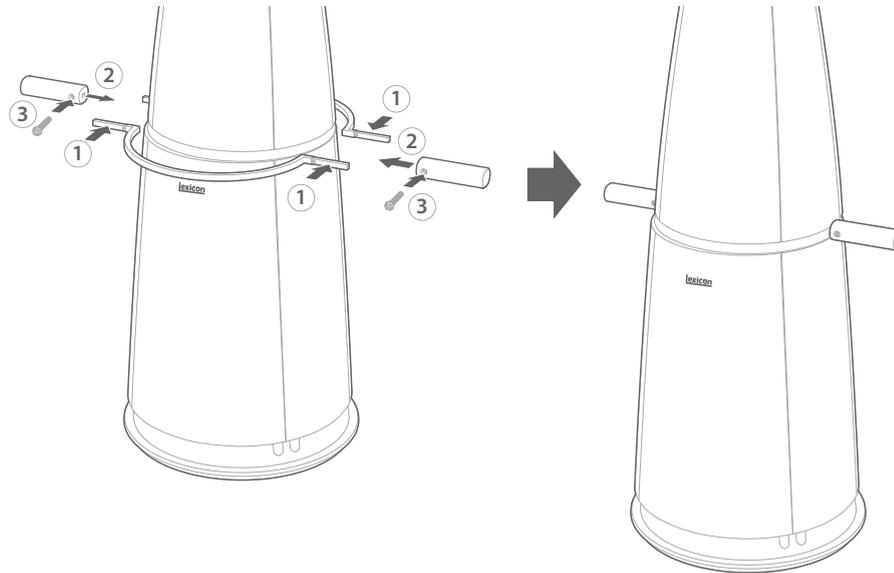
3 – UNPACKING SL-1 LOUDSPEAKERS

While one person can unpack and set up the SL-1 loudspeaker, it is easier and safer with two people. The SL-1 is packed in a durable and easily transported flight case. We strongly recommend that you retain the flight cases in the event the speakers need to be shipped in the future.

1. Lock all four wheel casters so that the flight case cannot roll.
2. Open and remove the top lid, set aside.
3. Remove the grilles.
4. Remove the foam packing.
5. Tip up the flight case from the top end of the speaker as illustrated to the upright position.
6. "Walk" the speaker out of the flight case onto the floor.
7. Assemble the carry handle and position the two parts in the gap above the subwoofer enclosure as illustrated.



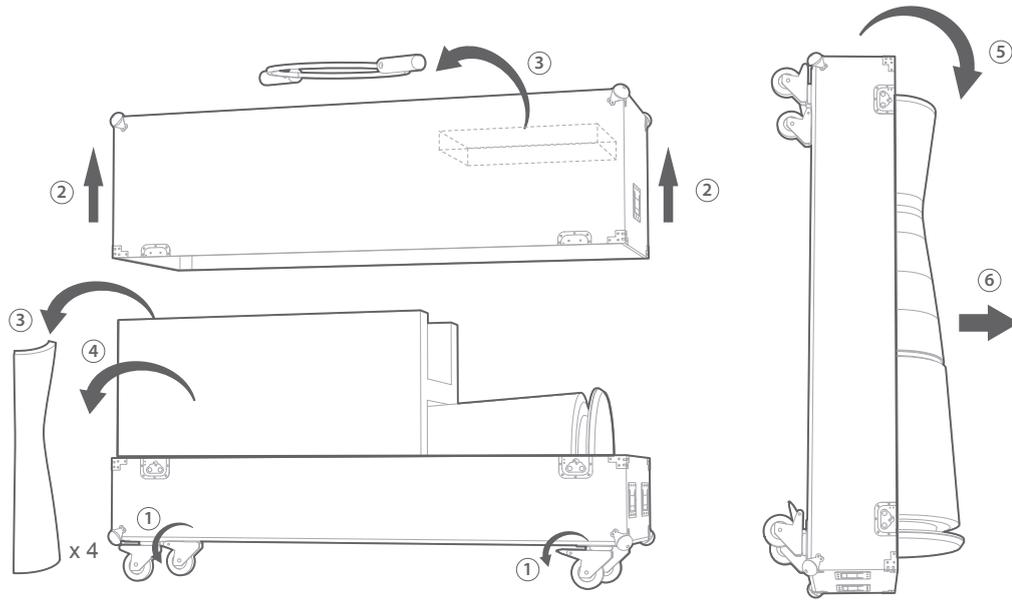
CAUTION: The speaker grilles should NOT be attached when using the carry handle.



- Lift the speaker with the carry handle and move to the desired location (See Positioning speakers in section 4 for guidance).



CAUTION: The SL-1 is heavy, use caution when lifting. Seek the help of an additional person.



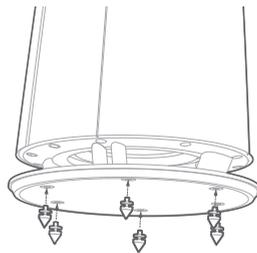
- If the speaker is placed on a carpet, tip the speaker up slightly and attach the six spikes to the threaded inserts on the bottom of the speaker. Adjust the spikes to level the speaker.



CAUTION: Seek the help of an additional person to tilt and hold the speaker while the spikes are being installed.



CAUTION: Damage may occur to the floor when using the spikes. The usage of the spikes is on the owners own liability.



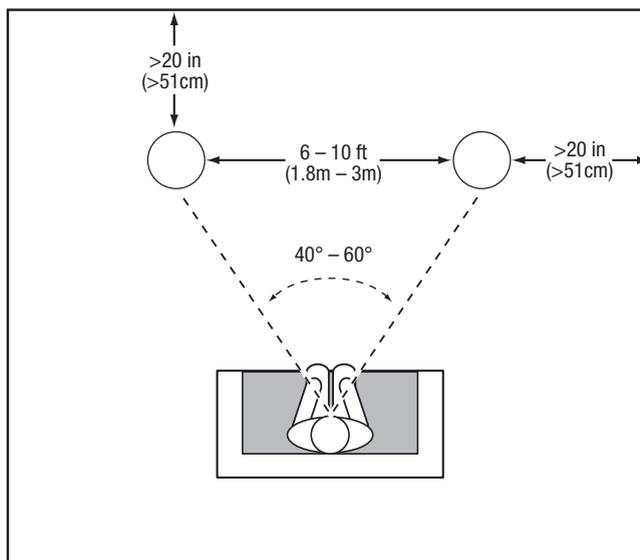
- Disassemble the carry handle and store it in the flight case for future use.

4 - PLACEMENT

4.1 - SL-1 Speakers

Before deciding where to place your speakers, survey your room and think about placement, using the illustration below as a guide. Due to the benefits of SoundSteer, speaker placement in the room is less critical than with conventional speakers. But judicious placement will help bring out the very best from the speakers.

- Avoid placing the speakers near heat registers or other objects that generate heat.
- Do not place the speakers in very humid or dusty places.
- Do not place the speakers in direct sunlight or other intense light sources.
- Orient the speakers with the Lexicon logo facing forward into the room.
- For best results, place the speakers and main listening position to form an equilateral triangle as illustrated, but **no more than 33 feet (10 m) apart**.
- Generally, bass output will increase as the speaker is moved closer to a wall or corner. For best performance, we recommend that you place the speakers at least 20 inches (50cm) away from the rear and side walls. In any case, especially if the speakers need to be placed closer to walls, we highly recommend you take advantage of the Room Equalization feature of the SL-1 (USB microphone required - not supplied, sold separately). See page 50 for more information.
- Do not block the Bass Port on the rear of the speaker.
- Make sure that there is an AC outlet nearby each speaker.
- Be very careful not to push in the membranes of the individual transducers. Harman will not warrant damage due to mechanical impact of the membrane.



4.2 - SLC-1 Control Hub

NOTES:

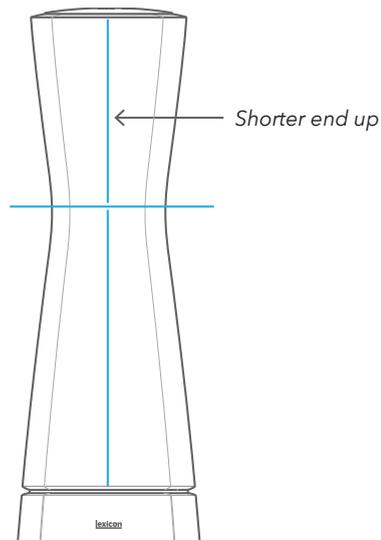
- To avoid wireless interference, keep a minimum distance of 5 meters (16.4 feet) between other wireless devices and this product.
- Make sure that there is an AC (mains) outlet nearby.
- Do not place this product on its front, back or top when in use.
- Do not place any objects on top of this product.

Place your SLC-1 on its rubber feet on a stable and level surface near the source components that may be connected to it. Placement between the two SL-1 speakers will help ensure a trouble-free wireless connection.

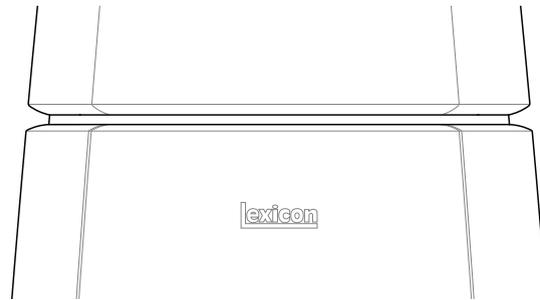


5 - ATTACHING GRILLES

Built-in magnets secure the four grilles to the speaker body. The grilles are not symmetrical, one end is shorter than the other and should be oriented "up." Use the grooves in the subwoofer portion of the enclosure as guides to properly position the grille.



The shorter end of the grilles is the top.

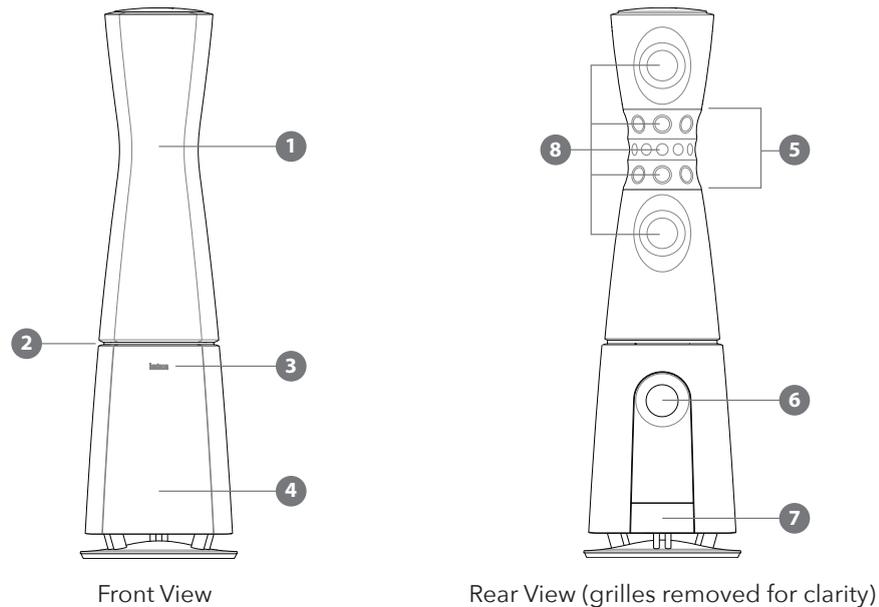


Use the vertical grooves of the subwoofer enclosure as guides to properly align the grilles.

When the grilles are on, the SL-1 automatically increases the brightness of the LED rings and increases high frequency output just enough to compensate for the effect of the grille cloth.

6 – PRODUCT OVERVIEW

6.1 - SL-1 Loudspeaker



1. Grille

Attach grilles after the speakers have been placed in their final location and the carry handle has been removed.

2. Carry handle location

Assemble carry handle here to aid in speaker placement.

3. Lexicon logo

Turn the speakers to face the logo into the room.

4. Subwoofer enclosure

5. Led light rings

360-degree lights provide important information such as Left/Right speakers identification and sound beam width and direction. After 20 seconds of inactivity the LEDs will turn off.

6. Bass port

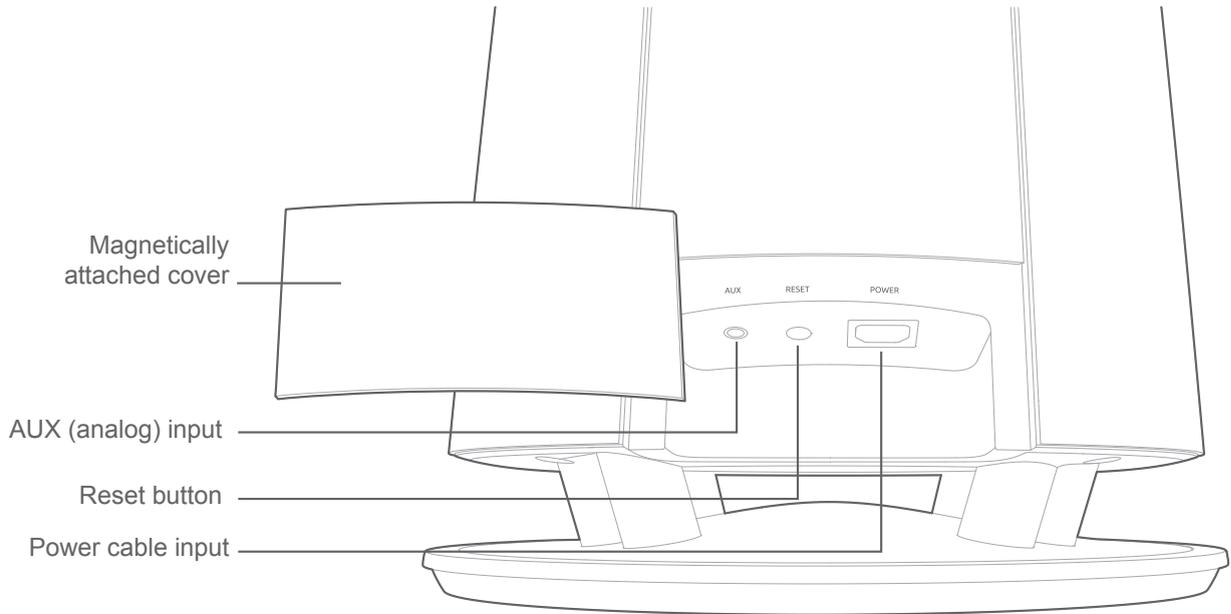
Take care to avoid blocking the port with furniture or excessively close proximity to a wall.

7. Connections panel

Pull the panel cover off to reveal power cord input, reset button and other features.

8. Transducers

Be careful not to push in / damage the membranes of the transducers during transportation / movement. Do not apply any mechanical force to them.

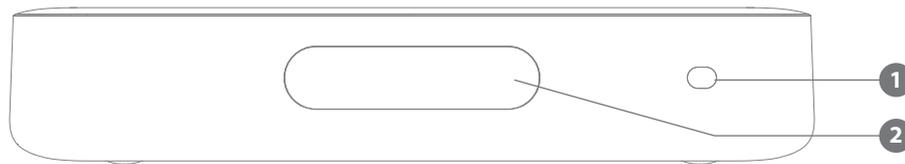


NOTES:

- Audio is normally streamed wirelessly from the SLC-1 Control Hub to the speakers. To do so the SL-1 must be connected to a wireless network or to the SLC-1 controller.
- The AUX analog input on the speaker's connection panel can be used as wired connection from playback system when SLC-1 is power-off or stand-by mode.
- The AUX input accepts a ¼" (6.35mm), Tip Ring Sleeve (TRS) "phone" plug. Recommended input level up to 2.5 Vrms maximum.

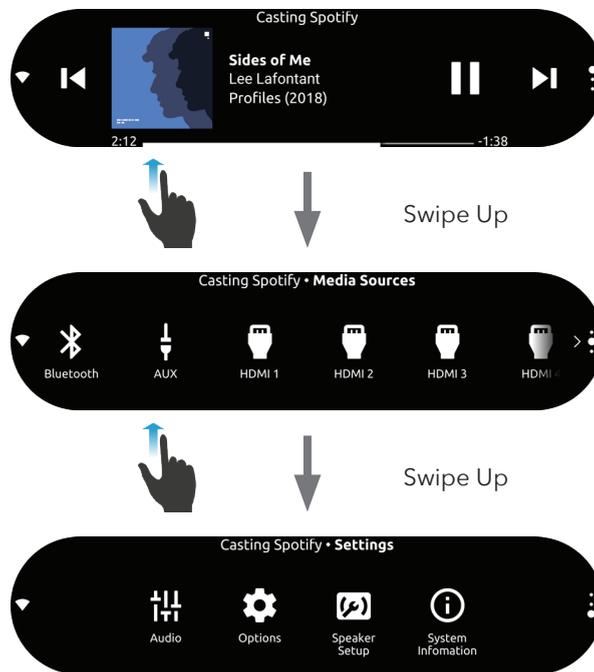
6.2 - SLC-1 Control Hub

Front panel

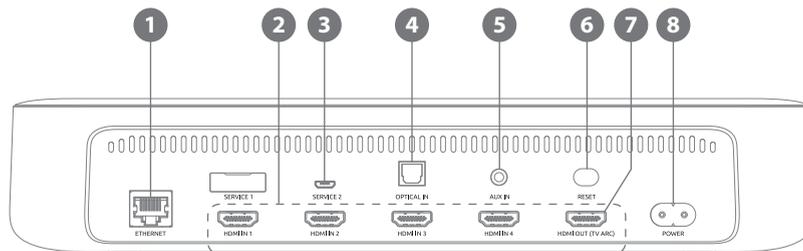


1. Infrared (IR) sensor

2. Touch screen



Back panel



1. Ethernet

Connect to the Internet (RJ45 connector) if you choose not to use Wi-Fi.

2. HDMI IN 1 / HDMI IN 2 / HDMI IN 3 / HDMI IN 4

Connect to the HDMI output of an Audio/Video source with HDMI output ports.

3. Service (for technical personnel only)

4. Optical In

Connect to an optical audio output from a digital music source such as a media server or disc player.

5. AUX In

Connect to an analog audio device (3.5 mm jack).

6. Reset

Press and hold for 5 seconds to restore the factory settings.

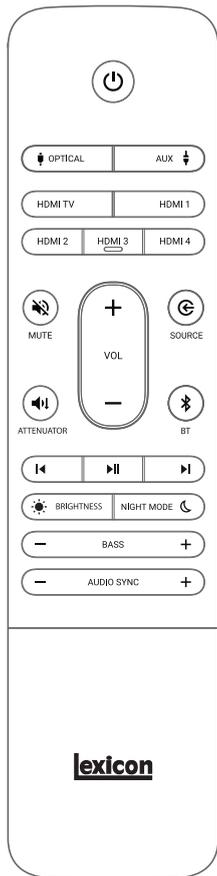
7. HDMI TV

Connect to the HDMI (ARC) input on your TV. Use this output only if HDMI audio/video sources are connected to the system.

8. Power

Connect to the power supply.

6.3 - Remote Control



1. (Power)

Power on or switch to standby.

2. Source zone

Select an input source: OPTICAL / AUX / HDMI TV / HDMI 1 / HDMI 2 / HDMI 3 / HDMI 4.

3. Mute

Mute or unmute the audio.

4. Vol + / -

Increase or decrease the volume level.

Press and hold to continually increase or decrease the volume.

5. Attenuator

Reduces audio output (volume) to -20%. This feature is helpful as a quick way to reduce system volume (but not mute entirely) when taking a phone call or having a conversation.

6.

Skip to the previous or next track for Chromecast or Bluetooth playback.

7. Brightness

Toggles the SLC-1 touch screen between High, Medium and Low brightness levels

8. Bass - / +

Turn bass down or up.

9. Audio sync - / +

Decrease or increase audio sync delay if the video and audio synchronization is not correct.

10. Night mode

Turns the night mode (Dynamic Range Control) on or off for Dolby Digital encoded program material.

11. Play or pause

Play or pause Chromecast or Bluetooth playback.

12. BT

Press to enter Bluetooth pairing mode.

Press and hold for 3 seconds to pair with a new device.

13. Source

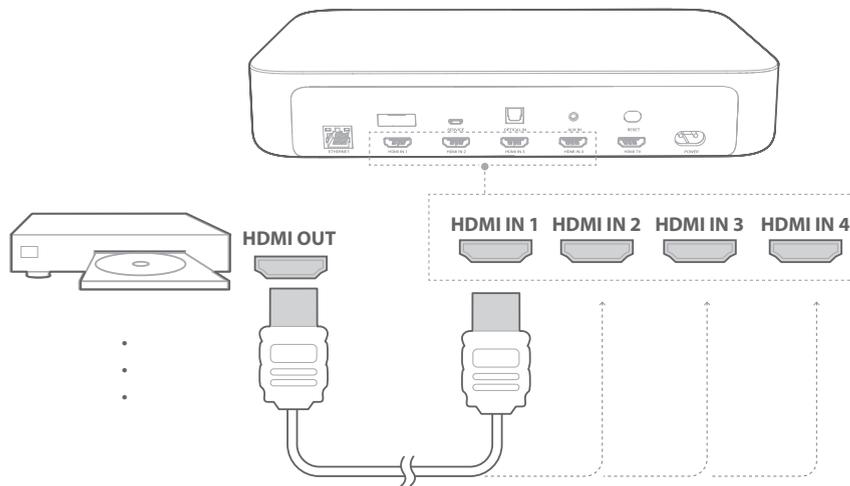
Toggle between inputs: HDMI TV / HDMI 1 / HDMI 2 / HDMI 3 / HDMI 4 / Optical / AUX / Bluetooth.

7 - CONNECTIONS

7.1 - Audio/Video Source Connections

Connect up to four A/V source devices such as set-top box, DVD/Blu-ray player, and games console to your SLC-1 with HDMI cables.

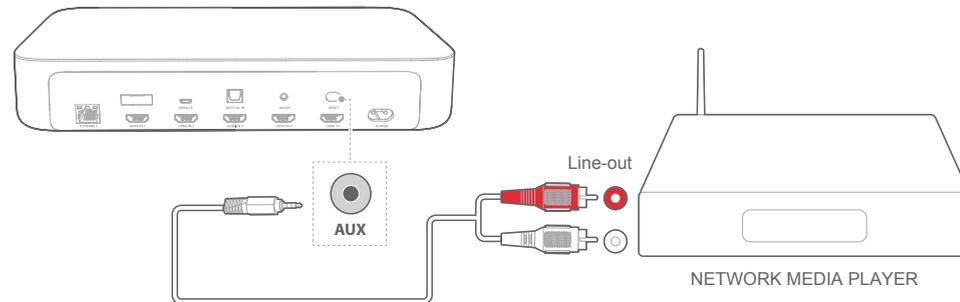
1. Connect an HDMI cable (sold separately) from the **HDMI IN** connector on the back of this product to the **HDMI OUT** connector on A/V device.
2. Press  **HDMI IN 1 / HDMI IN 2 / HDMI IN 3 / HDMI IN 4** on the touch screen or press the **HDMI IN 1 / HDMI IN 2 / HDMI IN 3 / HDMI IN 4** button on the remote control to select the **HDMI** inputs.



NOTE: For the best performance, always use a High-Speed (type 2) HDMI cable. See your HDMI cable specifications for more details.

7.2 - Digital and Analog Audio Source Connections

1. Connect any digital audio source device with an optical (TOS link) output to the SLC-1's **OPTICAL IN** connector with an optical cable (sold separately).
2. Connect any audio device with analog outputs to the SLC-1's **AUX IN** with a 3.5mm audio cable (sold separately). If the analog source device's outputs are two RCA jacks, use a cable with two male RCA plugs on one end and a single 3.5mm stereo plug on the other.
3. Press  or  on the SLC-1 control hub touch screen or press the  **OPTICAL** or  **AUX** button on the remote control to select the **OPTICAL** or **AUX** source.

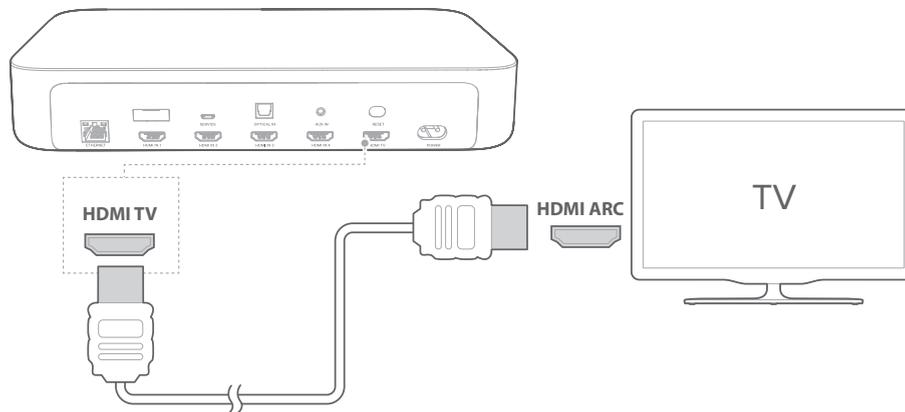


7.3 - TV/Monitor Connection (Optional)

This connection is only required if you intend to connect audio/video sources with HDMI outputs, such as the TV's internal over-the-air tuner, DVD player, Set-top TV box, or gaming system, to the Lexicon SL-1 system. If the system is to be used only with audio sources, you may skip this connection.

NOTES:

- If you want to enjoy sound only from your Lexicon SL-1 speakers, make sure to set your TV audio settings to support external speakers and disable the built-in TV speakers.
 - Before you make or change any physical connections, make sure that all devices are disconnected from the power outlet.
1. Connect an HDMI cable (sold separately) from the **HDMI TV** connector on the back of this product to the **HDMI IN (ARC)** connector on your TV.
 2. Press  **HDMI ARC** on the SLC-1 control hub touch screen or press the **HDMI TV** button on the remote control to select the **TV ARC** mode.



NOTES:

- An HDMI connection supports digital audio and video with a single connector. It is the best option to connect to the SLC-1 to A/V sources and television or computer monitor.
- If your TV features an HDMI ARC connector, you can enjoy the TV audio through your Lexicon SL-1 by using a single HDMI cable.
- This HDMI connection is required if you intend to connect video devices to the SLC-1 inputs to display on your TV.
- On your TV, turn on HDMI-CEC operations. HDMI-CEC is a feature that enables CEC compliant devices that are connected through HDMI to be controlled by a single remote control, such as volume control for both the TV and the SLC-1. See the user manual of your TV for details.

8 – SYSTEM SETUP

NOTES:

- Follow the setup steps in exactly the order described in this manual.
- The SL-1 speakers and SLC-1 Control Hub need to be powered on at all times during the set-up process.
- Start the set-up process when you can dedicate at least 15 minutes of uninterrupted attention to complete the initial set-up.
- The system will go into standby mode after 20 minutes of inactivity which may disrupt the set-up process.
- The SoundSteer app and SLC-1 will provide prompts to guide you through the set-up steps.
- The SoundSteer app has tooltip icons that when clicked answer questions you may have about functions and options.
- Be sure to connect your smart phone or tablet to your Wi-Fi network before starting the setup procedure.
- Be sure to turn on Bluetooth on your smart phone or tablet.

8.1 - Setup Preparation

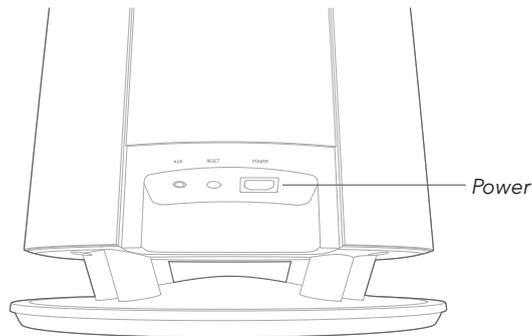
1. Connect your smart device to your Wi-Fi network.
2. Turn on Bluetooth.
3. Download the **Google Home** and **Lexicon SoundSteer** apps to your smartphone or tablet. **(minimum operating system requirements: Android 7.0, iOS 10.0).**
4. **Do not open the apps** until after the speakers and Control Hub have been powered up.



NOTE: If you want to use Ethernet rather than Wi-Fi to connect the SLC-1 Control Hub to the Internet, make sure to connect an Ethernet cable from your router to the Ethernet port on the SLC-1 before plugging in the power cord.

8.2 - Power the SL-1 Speakers

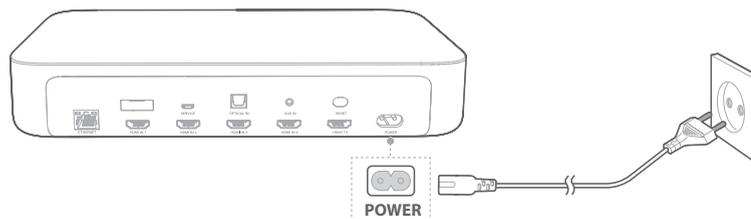
1. Plug one end of the AC power cord into the **POWER** connector on the SL-1 loudspeakers that can be found behind the connections panel on the rear of the speakers.
2. Plug the other end of the power cord into a live AC (mains) unswitched (always powered) outlet.



8.3 - Power the SLC-1 Control Hub

NOTES:

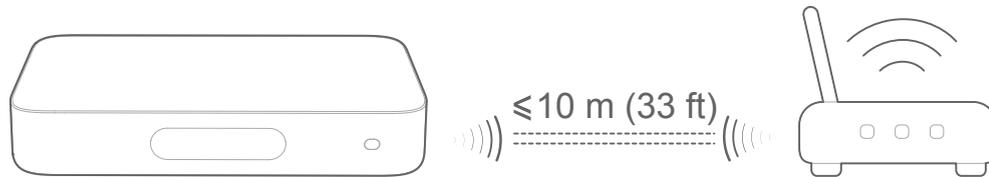
- Use the provided power cords only.
 - Before connecting the power cord, make sure all other connections have been completed.
 - When you disconnect the power cord, always pull the plug, never the cable.
 - Do not connect this product or other components to an AC outlet until all connections between components are complete.
1. Plug one end of the AC power cord into the **POWER** connector on the back of the SLC-1 Control Hub.
 2. Plug the other end of the power cord into a live AC (mains) outlet. The SLC-1 will automatically power on and the touch screen will turn on. Alternatively, press the standby  on the remote control to power on.



NOTES:

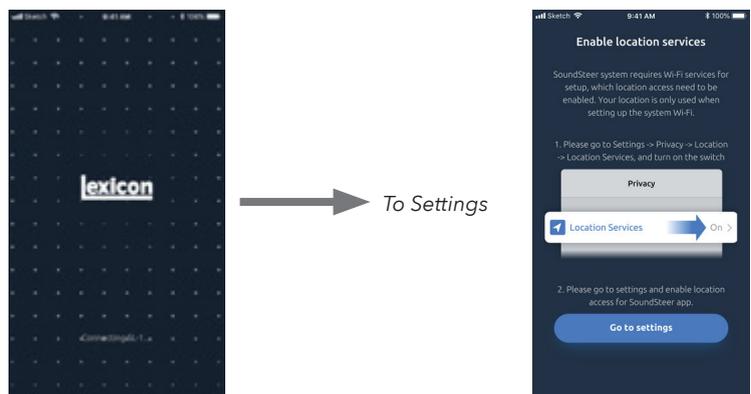
- For a successful setup, keep a maximum distance of 10 meters (33 feet) between the SLC-1 and each of your Lexicon SL-1 speakers. Positioning the SLC-1 in the middle of the two speakers will give you the greatest likelihood of pairing success.
- If the SLC-1 is powered off, the SL-1 speakers will enter standby mode and the set-up procedure will be disrupted.
- If you use a device that uses the same frequency (2.4 GHz or 5 GHz) as the SLC-1 nearby, interference may cause sound interruption.
- The maximum transmission distance of the wireless signal between the SLC-1 and SL-1 speakers may vary depending on your operating environment.

To avoid any interference, keep a minimum distance of 16.4 feet (5 meters) between SLC-1 and your Wi-Fi router.

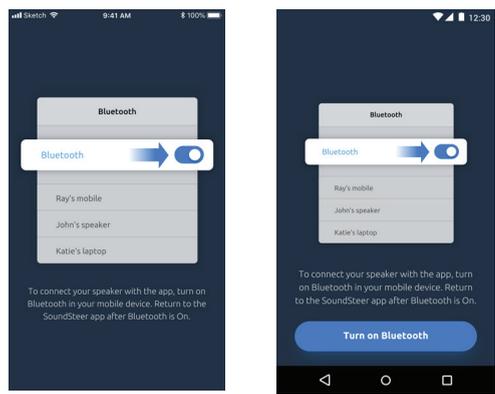


8.4 - Setup SL-1 Speakers and SoundSteer App

1. If you have not already done so, connect your smart device to your Wi-Fi network and turn on Bluetooth.
2. Open the SoundSteer app on your smart device.
3. If your smart phone or tablet is not connected to your Wi-Fi network, you will be prompted by the app to enable Wi-Fi.



4. Once the smart device is connected to Wi-Fi the app will display a short video on Lexicon and SoundSteer technology (first time app use only).
5. If Bluetooth is not enabled on your smart phone or tablet, you will be prompted by the app to enable Bluetooth.



- The app will search for the SL-1 speakers. The LED light rings on the speakers will spin to indicate they are ready to be discovered by the SoundSteer app. Press NEXT.



- If neither or only one speaker is discovered, the app will prompt you to troubleshoot and correct the problems.

NOTES:

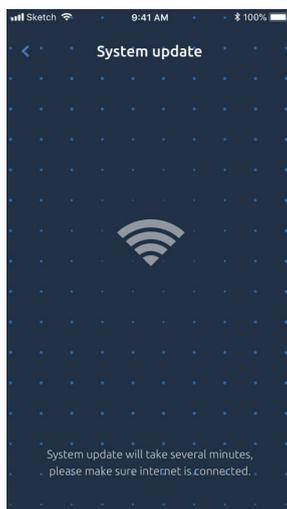
- If you are prompted to reset the speakers, you only have to press the reset button on one speaker. You may have to reset both speakers separately if previous reset not successful.
 - Click the question mark icons found throughout the SoundSteer app for tooltips that explain various functions and options.
- Once the updates have been applied, the SoundSteer app will display images of two speakers as illustrated. One LED ring will be illuminated on each speaker. The Right speaker (as you face it) should have the upper LED light ring illuminated and the Left should have the lower ring illuminated as shown. If they are reversed, simply push  the double arrow icon in the middle of the screen. Push NEXT when Left/Right speakers assignment is complete.



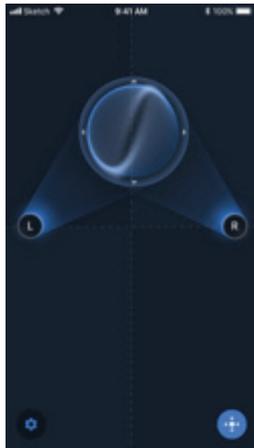
9. Set the distance between the centers of the two speakers using either the centimeter or inch scales. The maximum allowable distance between the two speakers is approximately 394 inches (33 feet), or 1000 cm (10 m). Press SAVE at the bottom of the screen.



10. If software updates are needed, the system will automatically download and apply the updates. The process may take several minutes.



11. The app will now set up the speakers, launch the SoundSteer software and run a tutorial on its use. There are five tutorials, swipe right to get to the next tutorial screen, left to return to a previous tutorial topic. When you are finished watching a given tutorial, press GOT IT to move on. You can skip the tutorials by clicking "Skip" in the upper right corner of the screen. If you want to see the tutorials sometime in the future, see section 11.11 for instructions. See Using SoundSteer section 10.1 for more information on maximizing sound quality in your room.



8.5 - Setup SLC-1 Control Hub and Google Home

1. If the screen has timed out and gone dark press the Power button  on the remote.
2. Select your language as instructed on the touch screen for the first-time setting.



3. Open the Google Home app to connect your SL-1 system to Internet music sources.



4. Sign in with your Google account. If you do not have one, create a new one.

Follow the instructions in the Google Home app to complete the Internet setup. The pictures below illustrate a typical setup flow and process. Your screens may not be identical to the ones shown below.

Helpful links:

[Get Google Home for Android](#) | [Get Google Home for iOS](#)

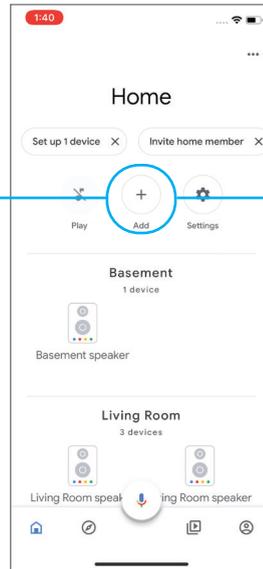


Meet the Google Home App | Getting Started with Google Home

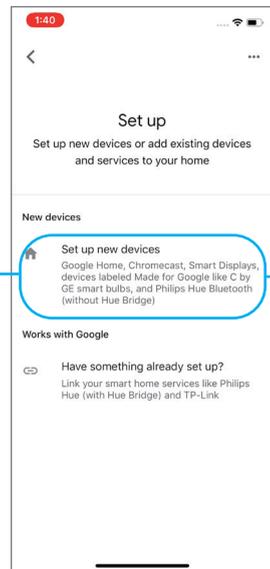
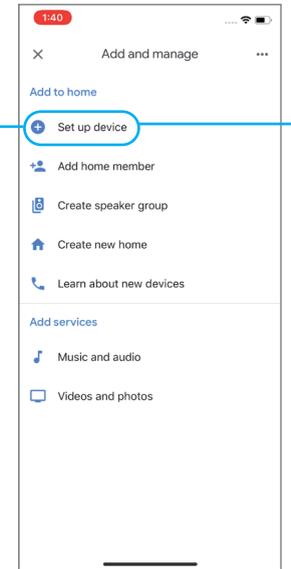
Open the Google Home app on your smart device.



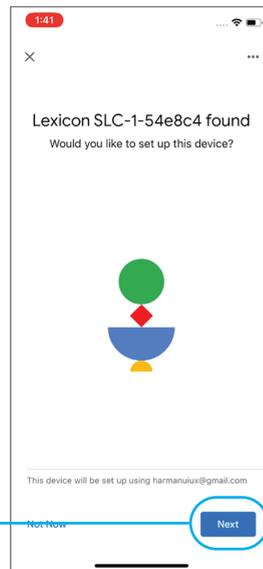
Choose "Add" in the Home app settings menu



Choose "Set up device" in the Add and manage menu



Choose "Set up new devices" in the Set up menu



Google Home will scan for and discover powered-on Chromecast speakers, including the SLC-1.

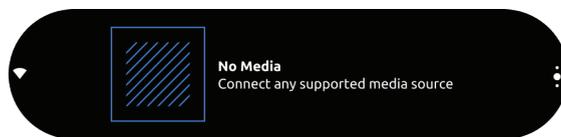
And wait for discovering SLC-1...

Click Next when SLC-1 is found and follow instructions from Google Home App



You know Google Home set up has been successful when you see this message on the SLC-1 Control Hub touch screen.

5. Allow the SLC-1 to update software (if needed). This is an automatic function with no action required on your part. The screen will keep you apprised of progress.



See **Troubleshooting** section 13 if you have any problems connecting your Lexicon SL-1 audio system or Google Home app to each other and the Internet.

NOTES:

- If you encounter any setup issues, make sure to enable Bluetooth and location services on your smartphone or tablet.
- Make sure the SLC-1 Hub, your smartphone and the SL-1 speakers are connected to the same Wi-Fi network.
- You can rename this product in the Google Home app. The new name will remain during Bluetooth device discovery and Chromecast streaming.
- Once this product is connected to the internet, it may receive over-the-air software updates to improve performance. This update may take a few minutes to complete but will not interfere with listening.

8.6 - Speaker Setup

You can wirelessly pair your SLC-1 with SL-1:

NOTES:

- For a successful setup, keep a maximum distance of 5 meters (16.4 Feet) between the SLC-1 and SL-1
- If the SLC-1 is powered off, the SL-1 speakers will enter standby mode.
- If you use a device that uses the same frequency (2.4 GHz or 5 GHz) as the SLC-1 nearby, interference may cause some sound interruption.
- The maximum transmission distance of the wireless signal between the SLC-1 and SL-1 speakers may vary depending on your operating environment.

1. Power on your SLC-1 and SL-1



2. Press "Speaker Setup" > "SL-1 Setup" > "



Searching For SL-1 Speakers...



If no speakers are found, make sure to power on every speaker and retry the setup.

9 – USING YOUR SL-1 SYSTEM

9.1 - Play Music with Chromecast

With Chromecast built-in, you can stream music, tunes, podcasts, and playlists from 300+ music apps to your SLC-1 by simply tapping the Cast button in your Google Home app.

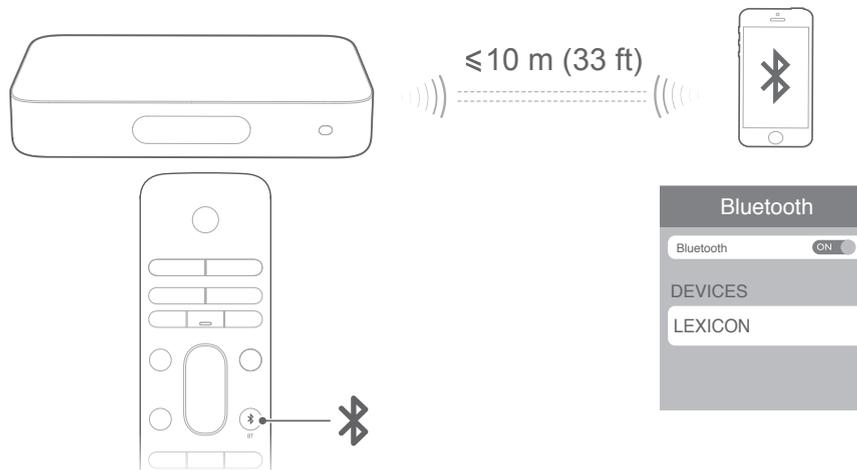
1. Open the Google Home app on your smartphone or tablet.
2. Choose your preferred music streaming source
3. Press the  icon in the app and select the SLC-1 (or the alternate name you may have chosen in the setup process).
4. Press "Play" in the app.

NOTES:

- The name of this product is assigned during the Wi-Fi setup.
- The SLC-1 can support audio streaming but not video streaming.

9.2 - Play Music through Bluetooth

You can use your SL-1 system as speakers for your Bluetooth enabled smartphone or tablet.



1. Press  on the remote control or press  on the SLC-1 Control Hub touch screen to enter Bluetooth pairing mode. During the 10 second pairing process, the white circle below  icon will blink.



2. On your smartphone or tablet, select "SLC-1" to connect. When the music is playing, the track, title and artist of the song will scroll on the touch screen.

NOTES:

- If you have already connected the SLC-1 to Wi-Fi and changed the device name, then select the new device name.
- To exit the Bluetooth mode, choose any other source.
- To disconnect and pair another device, press and hold  for 3 seconds on the remote control or on the touch screen.
- This product automatically turns off after 20 minutes of inactivity.
- Bluetooth performance can be affected by the distance between this product and your Bluetooth device and the environment of operation.
- Keep a maximum distance of 10 meters (33 feet) between this product and your Bluetooth device to avoid disconnection.

9.3 - Playback Controls

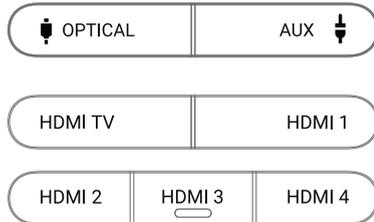


Start, pause or resume play.



Skip to previous / next track.

9.4 - Play Music from Any Other Source



Press any source button or use the Source button  on the remote control to toggle through the connected HDMI-1, HDMI-2, HDMI-3, HDMI-4, HDMI-TV, OPTICAL, AUX or BLUETOOTH. If no device is connected to a given input an “not connected” icon will appear on the SLC-1 display as shown below:



9.5 - Adjusting Volume

There are up to four ways to adjust the volume level while playing music.

- Press VOL - / + button on the remote control.
- Drag the volume bar on the SLC-1 touch screen.
- Adjust the volume via the Google Home app on your smartphone or tablet.
- Use the SoundSteer app's volume slider (when enabled, see section 11.6.)

To mute the Lexicon SL-1 system, press  **MUTE** on the remote control. To restore the sound, press  **MUTE** again or adjust the volume.

9.6 - Using Attenuator

Press  **ATTENUATOR** on the remote control or press  **ATTENUATOR** on the SLC-1 Control Hub touch screen, to lower the overall system volume to 20% of maximum volume. This feature is handy to temporarily lower, but not totally mute, the volume of the system, for example, when taking a phone call or initiating a conversation.

9.7 - Night Mode

When engaged, Night Mode compresses the dynamic range (audible difference between the loudest and softest sounds on a recording) of Dolby Digital encoded sources to ensure that dialog and other softer sounds are audible while louder sounds are lowered. You can enjoy guilt-free TV or movie watching while others in the house are sleeping, reading or studying.

To engage Night Mode, press  **NIGHT MODE** on the remote or from the SLC-1 Control Hub's Audio  screen.

9.8 - Synchronize Video and Audio

If the audio and video are not synchronized, press  / **AUDIO SYNC** on the remote control or press  Speaker Setup > Lip Sync delay on the SLC-1 Control Hub touch screen to delay the audio to match the video.

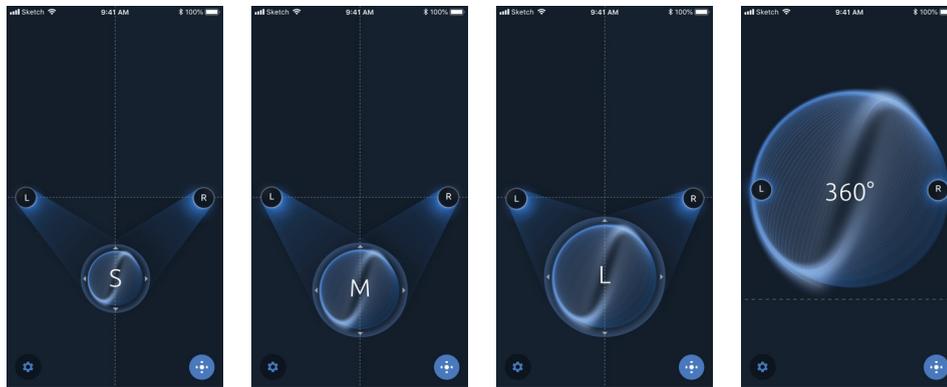
10 – USING THE SOUNDSTEEER APP

Until now, high-end stereo speakers needed to be positioned as such that a listening “sweet spot” is created where the audience is located normally. At that single location optimum stereo imaging and spatial realism is achieved. The music listening is compromised in case you move around the room. If you wanted to relocate the “sweet spot” you had to move the speakers physically.

SoundSteer is the technology at the heart of the Lexicon SL-1. With it, speakers and listeners can be located anywhere in a room without compromising sound quality. No longer are you confined to one location when listening to music. Using beam steering technology, the Lexicon SL-1 able to bring the audio sweet spot to you wherever you are in the room.

SoundSteer Technology utilizes DSP array processing to control the audio directivity via beamforming. The advanced algorithm adjusts the location and size of the listening “sweet spot” in real time so you can optimize the listening experience “by ear” to suit your individual preferences.

SoundSteer allows you to set the sweet spot size for Small, Medium, Large and Omni-directional. Use the smallest beam size that will accommodate the number and position of the listeners in the room.

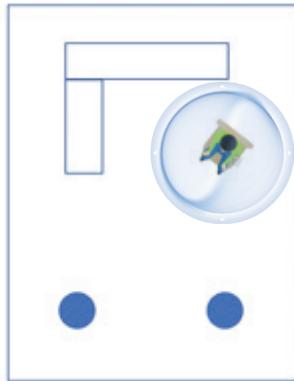
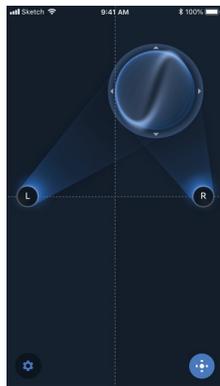


NOTES:

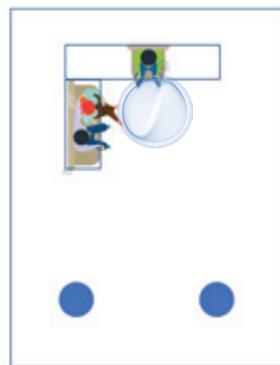
- You will hear the changes in sound as you change the sweet spot size and direction in the app.
- The LED light rings will give you visual confirmation of the beam direction and width.

10.1 - Setting Beam Location and Size

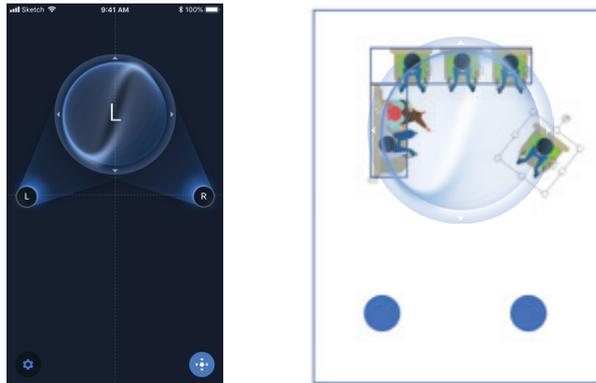
1. Open the SoundSteer mobile device app to “steer” the sweet spot anywhere you want it.
2. If you have not already done so, set speaker distance and Left/Right speakers assignment as detailed in sections 11.2 and 11.3 respectively of this manual.
3. After saving those settings the main SoundSteer screen will appear. Drag the listening position icon  to your listening position. Use one finger to move the icon rapidly, use two fingers to move it slowly. You will hear the sound change as you move the icon around the room. The LED ring lights will visually indicate where the sound is pointing.



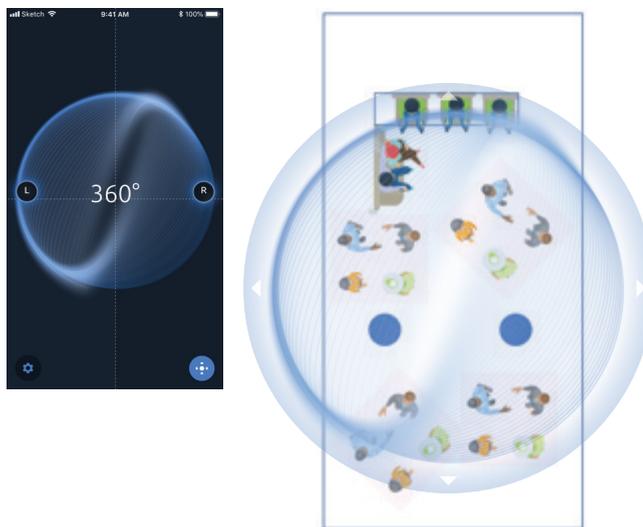
4. Use two fingers with the spread action  to enlarge the size of the ideal listening area to accommodate a larger number of listeners.



5. Spread the icon again to further enlarge the listening area.



6. To cover a very large number of listeners and/or an adjacent room, spread the icon all the way out to engage the omnidirectional mode. In this mode sound will be distributed evenly in a 360-degree pattern.



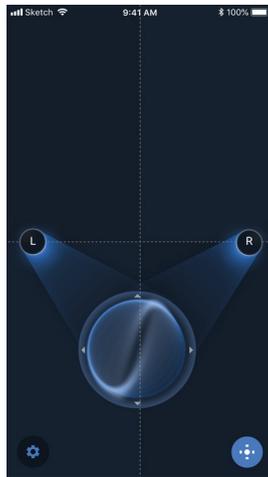
7. Use the pinching movement  to make the listening area smaller.

10.2 - Using SoundSteer Presets

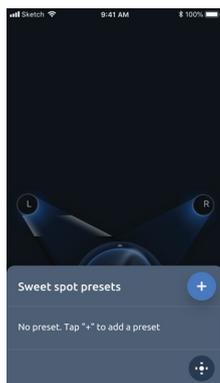
You can save up to 20 SoundSteer presets to make it easier to engage previously set beam directions and widths (sweet spots). For example, you could create a preset called "Solo" to recall the best setting when you are sitting in your favorite chair, listening all alone. "[your spouse name] and me" to recall the best setting when you and your spouse are each in your favorite listening spots. "Party" could recall the omnidirectional setting for times when a large number of people are milling around the room.

Creating a new preset

1. Click the Presets icon  in the lower right side of the dashboard screen.



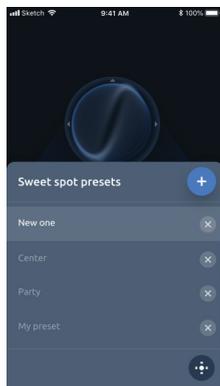
2. Tap the "+" icon  to create a new preset.



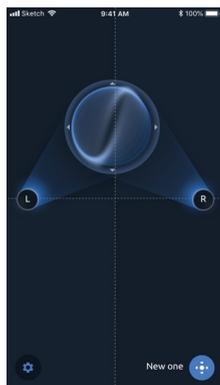
3. Use the keyboard to name the new preset and press Save.



4. A list of presets will appear, highlight and click the new preset to open the main dashboard screen.

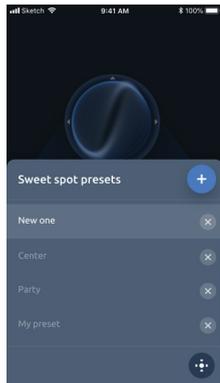


5. Use the steering icon to set beam location and size as desired. Press Save.



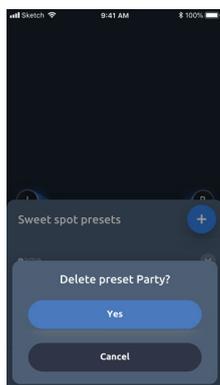
Selecting (recalling) a preset

1. Click the Presets icon  in the lower right side of the dashboard screen.
2. Highlight and click the desired preset name from the list.



Deleting a preset

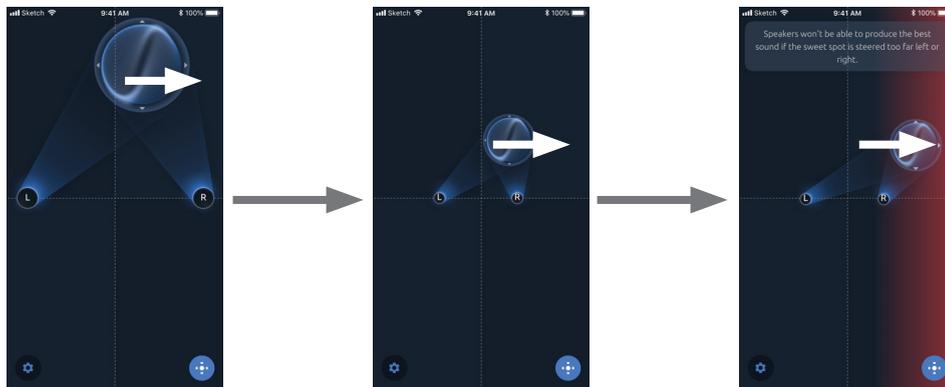
1. Highlight the desired preset name on the list.
2. Click the "x" icon  that appears to the right of the preset name.
3. Choose "Yes" in the dialog box.



10.3 - Zooming SoundSteer Display

In the default SoundSteer dashboard screen, the sweet spot indicator is limited in how far left or right it can be positioned. Zooming out the SoundSteer dashboard screen allows you to set the sweet spot location in line with or beyond the location of either speaker.

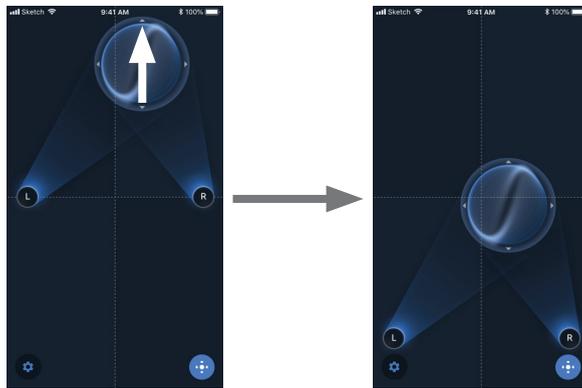
1. To zoom out drag the sweet spot indicator to either edge of the screen and hold it there for a ½ second.
2. To move the sweet spot location outside of the left or right speaker position and zoom out further, continue to hold the sweet spot indicator for up to 5 seconds. Release the sweet spot indicator when you have the desired zoom scale and sweet spot location.
3. To return to default screen scale, simply drag the indicator toward the middle of the screen.



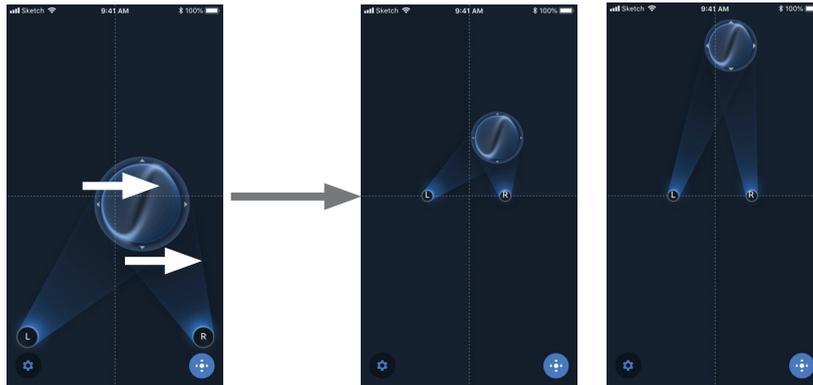
10.4 - Moving Speaker Icon Position, Adding Room Depth

In room layouts where the desired sweet spot is far from the speakers, or where the speakers are between two areas (see room illustrations below), you can extend the depth of the app's screen representation of the room and position the speaker icons to match your room layout.

1. To move the speaker icons to the bottom of the screen, drag the sweet spot indicator to the top edge of the screen and hold it there. The speaker icons will gradually move down the screen to allow a greater distance from the speakers to the sweet spot.
2. When the dashboard screen matches sweet spot and speaker locations of your layout, release the sweet spot indicator. Now you can drag the indicator farther away from the speakers in order to optimize for a distant listening location.



3. To enlarge the room size, zoom out by dragging the sweet spot indicator icon to the far left or right edge of the screen and hold for at least ½ second.



Unusually distant listening position

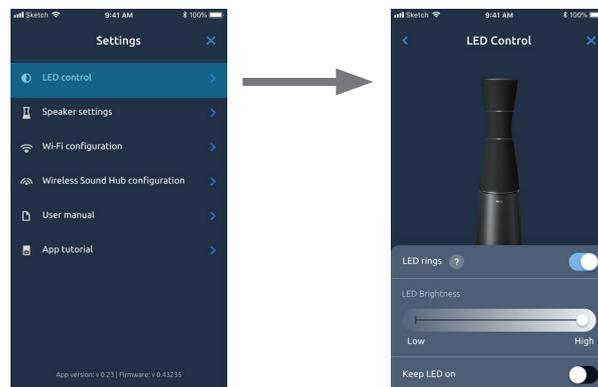


Cover two areas

11 - ADVANCED SOUNDSTEER APP SETTINGS

11.1 - Setting LED Ring Brightness

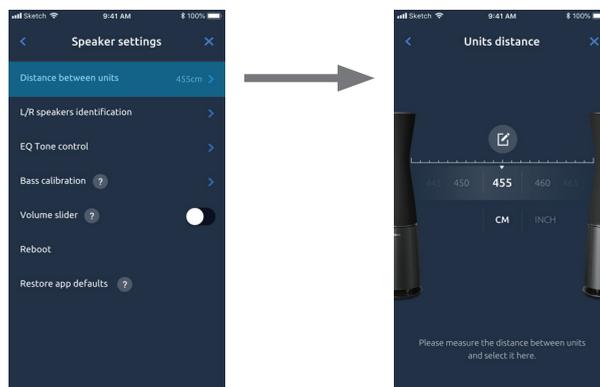
1. Open the SoundSteer app.
2. Click the Settings icon  on the dashboard screen.
3. Select LED control from the Settings menu
4. Use the slider bar to raise or lower the LED brightness.
5. To disable LED rings (enabled is default), swipe the "LED rings" switch to the left.
6. By default, the LED rings to fade out after a SoundSteer setting has been enacted. To keep the rings on all the time, swipe the "Keep LED on" switch to the right. The default setting is "off."



11.2 - Setting Speaker Distance

Speaker distance is normally set during the initial set up of the SoundSteer app. If you change the distance between the two speakers later, you can reset to the new value by following these steps.

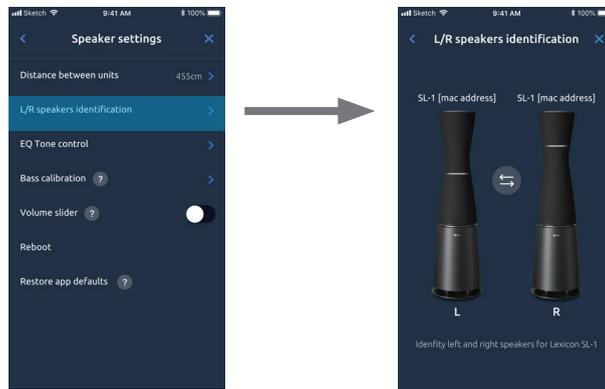
1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Select "Distance between units."
4. Measure the distance between the two speakers and enter the value in either inches or centimeters.



11.3 - Setting Left and Right Speaker Assignment

Left/Right speaker assignment is normally set during the initial set up of the SoundSteer app. If you suspect that the Left/Right speakers are reversed, you can reset Left/Right speaker assignment by following these steps.

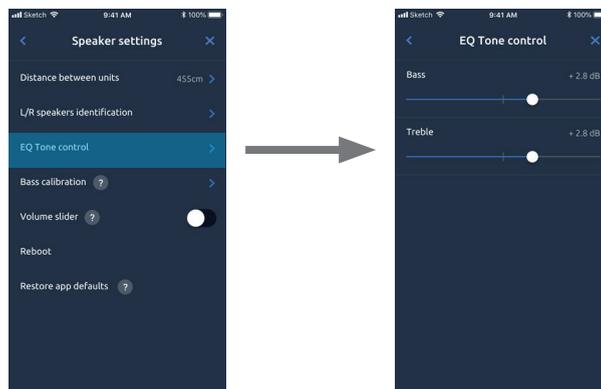
1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Select "L/R Speaker Identification."
4. One LED ring will be illuminated on each speaker. The Right speaker (as you face it) should have the upper LED light ring illuminated and the Left should have the lower ring illuminated as shown. If they are reversed, simply push the double arrow icon in the middle of the screen. Push NEXT when Left/Right speaker assignment is complete.



5. Also, ensure that L/R channel assignment in SLC-1 is aligned correctly.

11.4 - EQ Tone Control (Bass and Treble controls)

1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Select "EQ Tone control"
4. Use the sliders to change bass and/or treble levels. The default values are 0.0 dB. The control range is from -6d B to +6 dB in 0.1 dB steps.



NOTE: Before using the Bass control to correct bass performance, we highly recommend you employ the Bass calibration process described below.

11.5 - Bass Calibration (Room EQ)

The shape and size of your room as well as the placement of the speakers in it, will greatly affect the quality and uniformity of bass. A phenomenon called “standing waves” may cause overly loud bass in a given frequency range and very weak bass at another, at various locations throughout the room.

In order to compensate for this problem Lexicon has provided a Bass Calibration function (sometimes referred to as Room Equalization). To use this feature, connect a USB microphone (sold separately) to the smart phone running the SoundSteer app. Please note that the app supports only miniDSP Umik-1 mic for audio measurement.; consult your Lexicon dealer for specific recommendations. You will need to use an adapter (sold separately) to connect the USB plug on the microphone to your smart device’s port.



*USB audio measurement
microphones
(sold separately)*

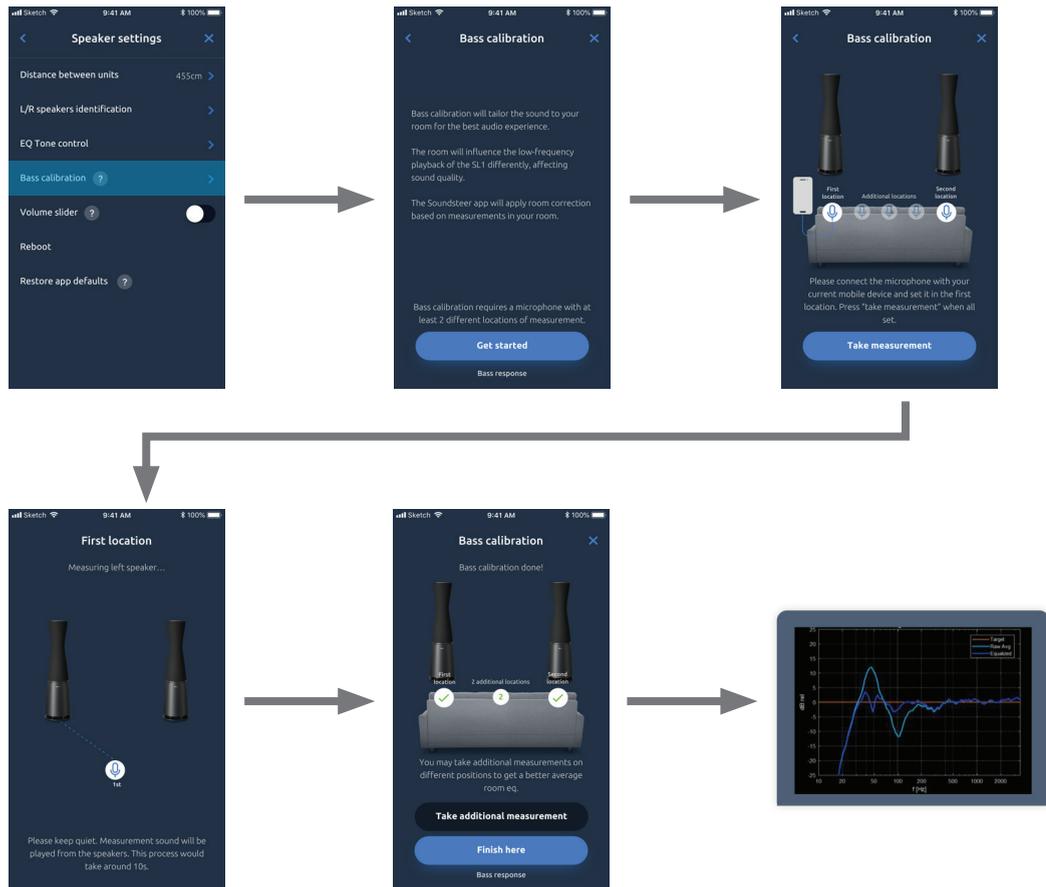
*USB adapters for Lightning
(iOS), and Android smart
device ports (sold separately)*

Once you have connected the microphone to your smart phone or tablet, follow these steps.

1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Swipe the Bass Calibration On/Off switch  to the right to “On.”
4. Click “Get started” on the Bass calibration opening screen.
5. Position the microphone as pictured on the screen and press “Take measurement.” The SoundSteer software will play a test tone on the left speaker for around 10 seconds and repeat on the right speaker.
6. When prompted by the app, move the microphone to the second location indicated on the screen. The sequence of tones and calculations will repeat as they did with the first location.
7. After the second location has been calculated the app will prompt you to perform additional measurements (optional) at three other locations. Depending on the acoustics of your room, making the extra measurements may yield even better bass performance.

8. Click “Finish here” whenever you have done the first two or all five measurements.

9. The app will display the before and after room measurement curves.



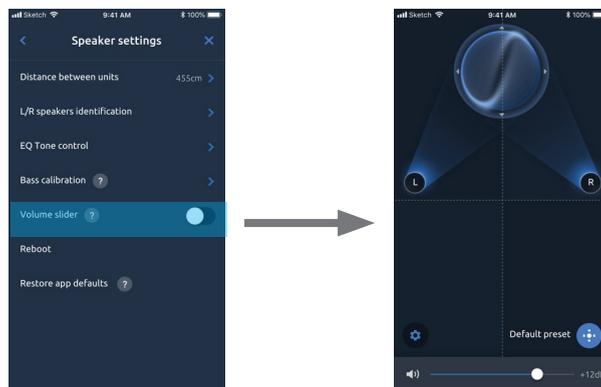
NOTES:

- The app is largely self-guided with prompts throughout the process. Always follow the prompt instructions.
- The Bass Calibration set-up can be stopped at any time by clicking the “X” in the upper right corner of the screen.
- If you wish to change the bass level after you have run bass calibration, use the Bass control in the EQ Tone Control screen of the SoundSteer app or the bass control on the remote.

11.6 - Engage Volume Slider

Turning the Volume slider option “On” allows you to control system volume from the SoundSteer main screen. Follow these steps to engage the Volume slider.

1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Swipe the Volume slider On/Off switch  to the right to “On.”
4. The volume slider will appear at the bottom of the main SoundSteer screen as illustrated below.



NOTES:

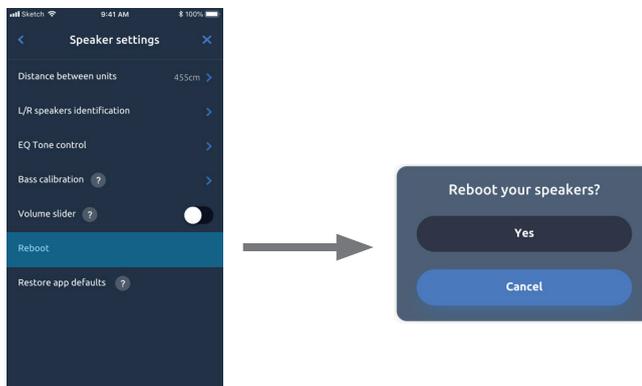
- If you intend to use the SLC-1 remote control volume control you should be careful in regards to this volume slider.
- This volume control operates in addition to the volume control on the SLC-1 (and remote). That means that when you change the volume with this slider, the volume setting on the SLC-1 does not change. For example, if the volume control on the SLC-1 hub's remote is set to minimum, you can set the SoundSteer app volume slider all the way up and not hear anything.
- If you want to use this volume slider as your main system volume control, set the SLC-1 volume control to maximum, and use this volume slider to select the desired level.

11.7 - System Reset

There may be times when the system does not behave properly, such as one or more speakers loses contact with Wi-Fi or the Control Hub. After moving the speakers to a different room or home you may wish to return all settings to the factory defaults. There are multiple means of reconnecting, resetting or rebooting.

Reboot Speakers

1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Click "Speaker settings."
4. Click "Reboot" in the speaker settings screen.
5. Confirm reboot by selecting "Yes."
6. Alternate method - Press and hold the Reset button on *either* speaker (located behind the connections panel cover) for 20 seconds. This will simultaneously reset both speakers.



Restore App Defaults

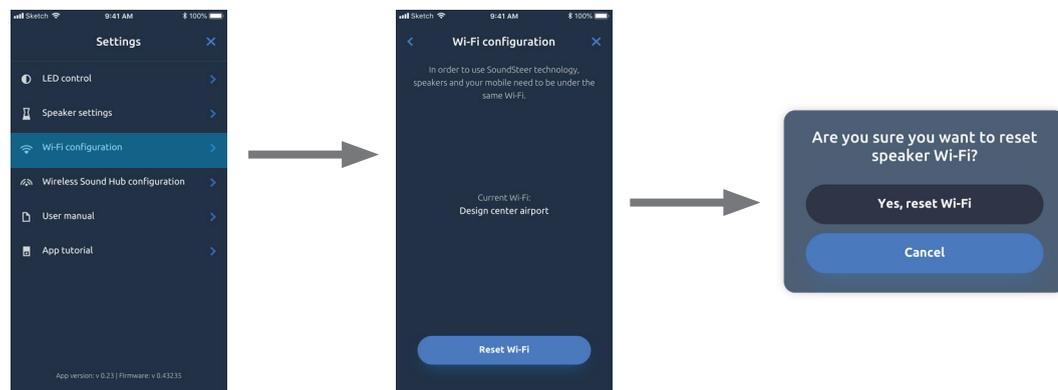
To restore most of the default settings of the SoundSteer app only, follow these steps. Settings that will be reset are: LED rings brightness, Volume slider, and EQ tone control. Bass calibration and all SoundSteer settings will remain as last set.

1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Click "Speaker settings."
4. Click "Restore app defaults" in the speaker settings screen.
5. Confirm restore by selecting "Yes."

11.8 - Wi-Fi Configuration

Normally you would set up the system with your Wi-Fi network in the initial system set up. If you change your Wi-Fi router you will need to re-establish the Wi-Fi connection with your SL-1 system.

1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Click "Wi-Fi configuration"
4. Click "Reset Wi-Fi."
5. Confirm reset.

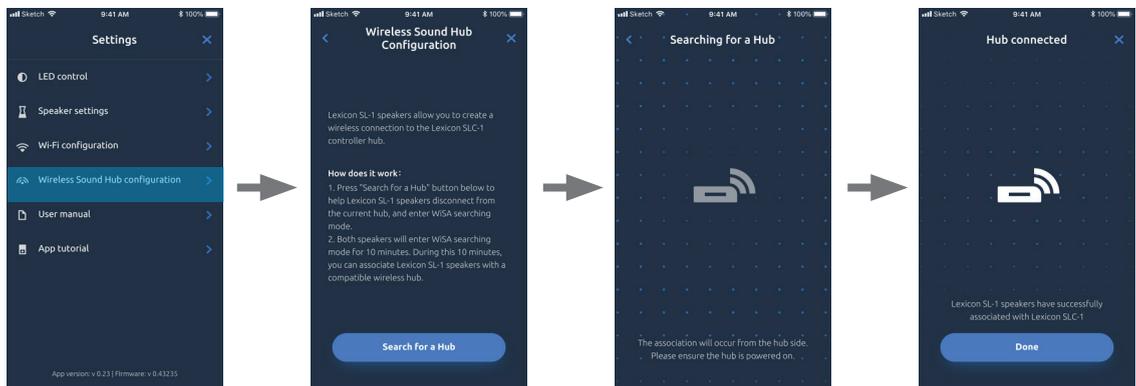


6. Follow your smart device's normal procedure for connecting to the Wi-Fi network.

11.9 - Wireless Sound Hub Configuration

Normally you would connect the SL-1 speakers with the SLC-1 Control Hub in the initial system set up. In the unlikely event that you would need to reestablish a connection between the two parts of the system, follow these steps.

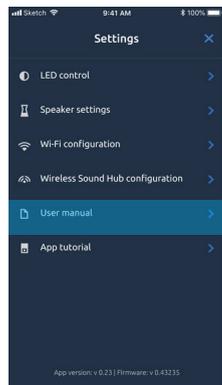
1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Click "Wireless sound hub configuration"
4. Click "Search for a hub."
5. Make sure the Lexicon SLC-1 Control Hub is powered up and in range.
6. The software will automatically connect to the SLC-1.
7. Click DONE.



11.10 - User Manual

The app allows you to directly access the latest version of this manual and other supporting documents.

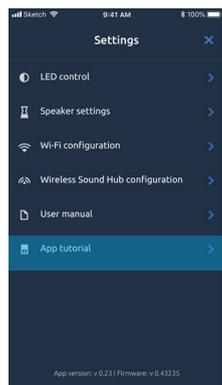
1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Click "User manual"



11.11 - App Tutorial

The app provides a video tutorial on the use of SoundSteer beam size and location.

1. Open the SoundSteer app
2. Click the Settings icon  on the dashboard screen.
3. Click "App tutorial"



12 - SLC-1 CONTROL HUB MENUS AND ADVANCED SETTINGS

The SLC-1 touch screen display has three menu groups. You can navigate between them by swiping up or down on the screen. Navigation dots on the side of the screen indicate which menu level you are currently on.



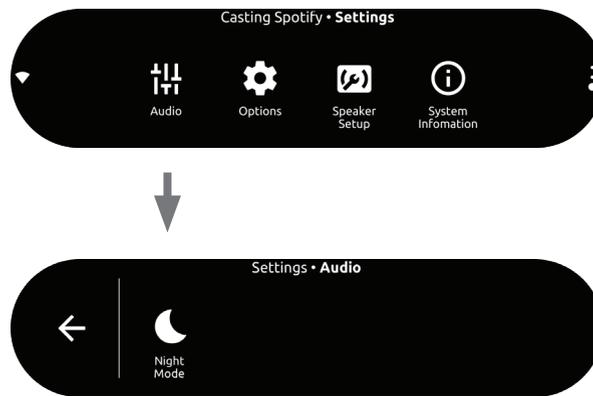
Menu level indicators are on the right side of the screen and the Wi-Fi signal strength icon is on the left

12.1 - Audio

Night mode

When engaged, Night Mode compresses the dynamic range (audible difference between the loudest and softest sounds of a recording) of Dolby Digital encoded sources to ensure that dialog and other softer sounds are audible while louder sounds are lowered. You can enjoy guilt-free TV or movie watching while others in the house are sleeping, reading or studying.

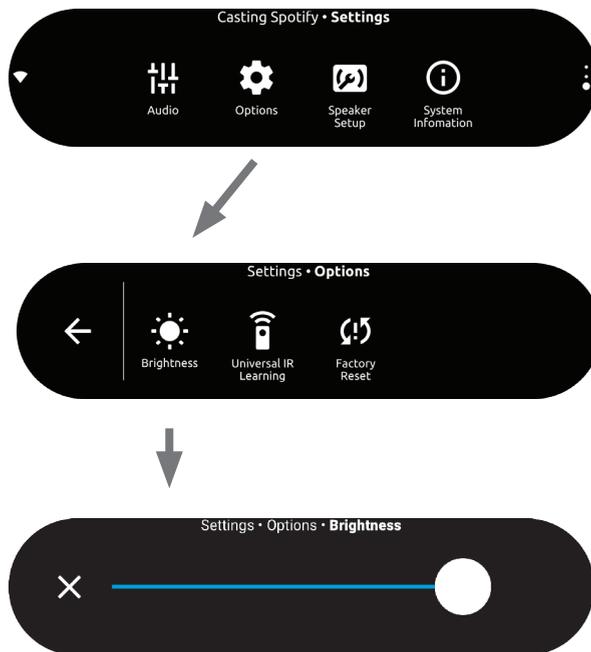
1. On the SLC-1 touch screen select Audio >  and **NIGHT MODE** > .
2. Or Press  **NIGHT MODE** on the remote control.



12.2 - Options Settings

Touch Screen Display Brightness

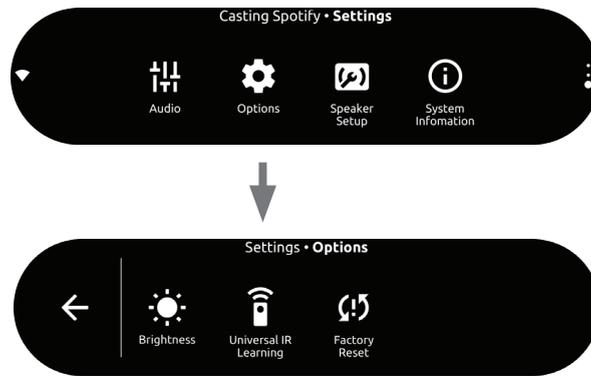
1. Press  **Options** >  **Brightness**
2. Slowly drag the value bar to adjust the brightness of the touch screen,
3. Or use the Brightness +/- bar on the remote



Learning Remote Setup

You can program any remote control with learning function to control basic functions (Power, Volume +, Volume -, Mute, and Source toggle) of the Lexicon SLC-1 control hub.

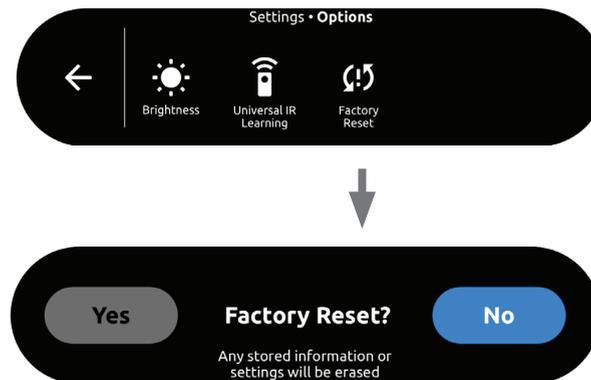
1. Press  **Options** >  **Learning Remote**
2. Follow the screen prompts and your remote's owner's manual.



Factory Reset*

To restore the SLC-1's default settings programmed at the factory:

1. Press  **Options** >  **Factory Reset** on the touch screen,
2. Or press and hold the **RESET** button on the back of your SLC-1 for 5 seconds.
3. Reset requires double confirmation before proceeding.
4. When the factory settings restore is complete, the SLC-1 will automatically power off and restart. Any stored information or settings will be erased.



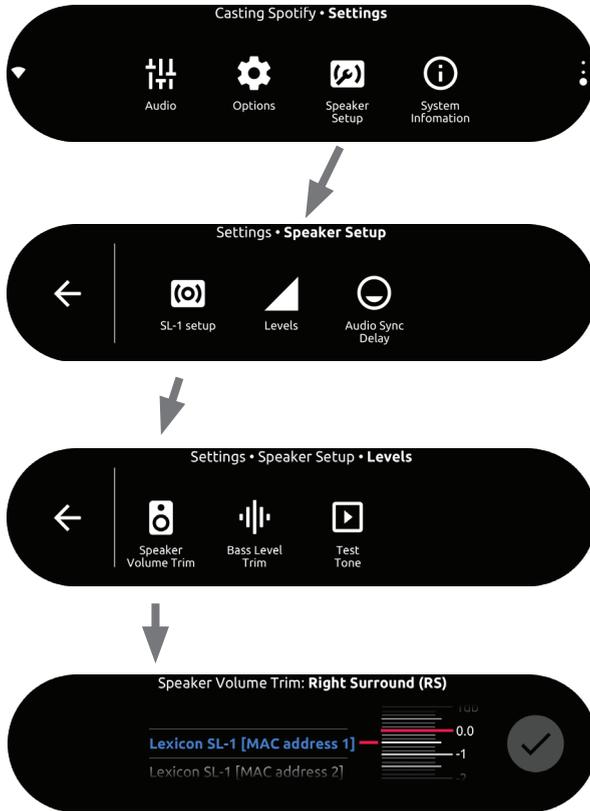
***NOTE:** This function only resets the SLC-1 and its options. It does not reset the SL-1 speakers, nor the SoundSteer App.

12.3 - Speaker Setup

Speaker Volume Trim

Sets the overall system volume. When set to an attenuate level (minus dB) it serves to limit the maximum volume of the system. No matter how high the volume is set by any other volume control in the system, it will not exceed the level set here. When set to a boost level (in the + dB range), it serves to increase system gain if other volume controls in the system do not allow the system to reach adequate volume levels no matter how high they are set.

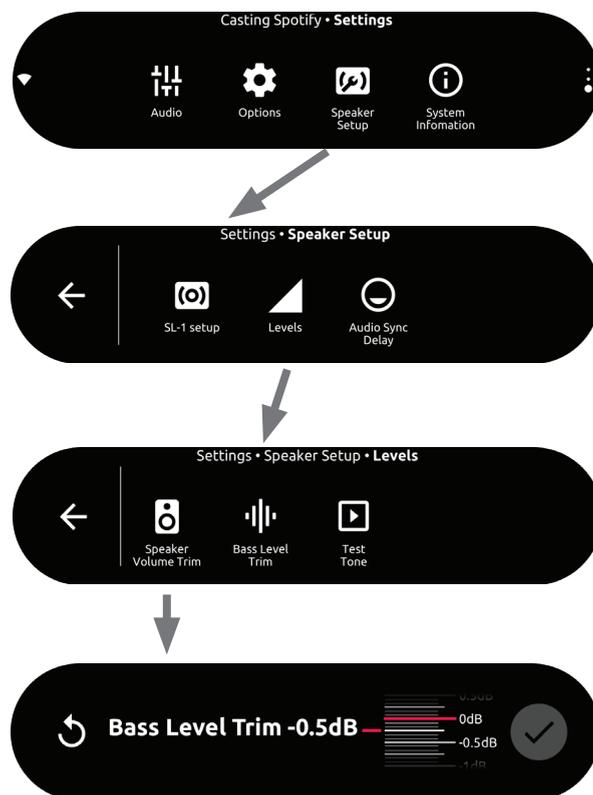
1. Press Speaker Setup, Levels
2. Press Speaker Volume Trim



Bass Level Trim

Sets the overall bass level. This is the same as a bass control for increasing/decreasing bass level. The **Bass - / +** bar on the remote accomplishes the same result more conveniently. If the remote is missing or disabled, you can use this screen in its place.

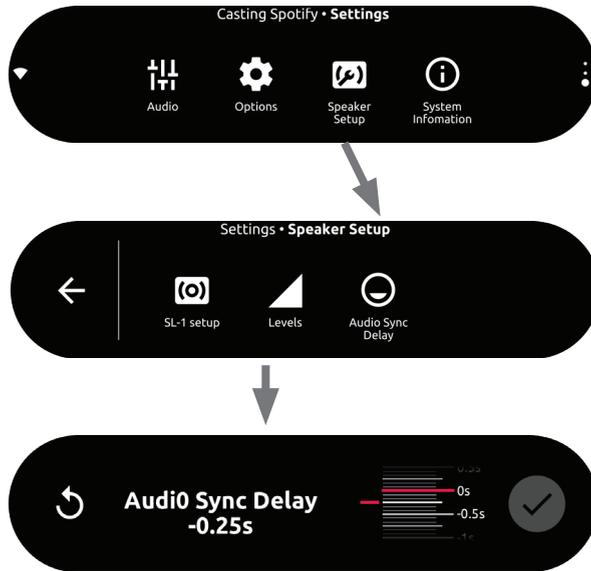
1. Press  Speaker Setup,  Levels
2. Press  Bass Level Trim



Audio Sync Delay

If the audio and video are not synchronized (lips movement and speech are not in sync) this control delays audio up to 250 ms (1/4 sec). This control is more easily affected by using the **AUDIO SYNC - / +** bar on the remote control. If the remote is missing or disabled, you can use this screen in its place.

1. Press Speaker Setup, Levels
2. Press Lip Sync Delay
3. Slowly turn the control up and down through its range until visual and audio match.



12.4 System Information

The upper level menu is **System Information** that may be useful to service personnel for diagnostics. Swipe down from the default Source menu screen to access System Information.

Press  "**System information**" on the touch screen to view the system information:

- **Country:** Country and language.
- **Network:** Network SSID, signal strength (Excellent, Adequate and Poor) and Wi-Fi address.
- **About:** Model and name.
- **Software version:** Software version and date of last update.

Signal strength indicator in the left side of display

12.6 Cleaning and Maintenance

To keep the exterior surface of your SLC-1 clean, unplug the AC power cord from the speaker first, wipe the exterior surfaces gently with a clean, soft cloth.

13 – TROUBLESHOOTING

Never try to repair the product yourself. If you have any problems using this product, check the following points before you request service. Most of the parts of the system, including the apps have prompts for solving connection and other issues. Follow the prompts and advice. Click the question mark tooltip icons  found throughout the SoundSteer app for help with various settings and options.

No sound from Lexicon SL-1 loudspeakers.

- Check if the speaker's LED ring is white. A blinking or red LED means a disconnection. Manually pair them with the SLC-1.

Distorted sound or echo.

- If you play audio from the TV through the system, make sure the TV is muted.

Audio and video are not synchronized (lips move before voice is heard).

- Press **AUDIO SYNC +/-** to synchronize.

A Bluetooth device cannot connect with the SLC-1.

- Check if you enabled Bluetooth on your smart device.
- The SLC-1 is already connected to another Bluetooth device. Press and hold  for 3 seconds on the remote control to disconnect and pair with a new device.

Poor audio quality from a connected Bluetooth device.

- The Bluetooth reception is poor. Move the device closer to the SLC-1 or remove any obstacles between them.

Failed to connect to Wi-Fi.

- Check if your router works.
- Follow the instructions in the Google Home app to complete the Wi-Fi setup.
- Make sure that you have selected the right network and entered the correct password.
- Make sure that your router or modem is turned on and within the range.
- The SLC-1 Control Hub has a Wi-Fi signal strength indicator on the left side of the touch screen to help find an appropriate range. If your router does not have a strong signal in the system's room, you may need to use a range extender or set up a mesh network. Consult your Lexicon retailer for assistance.
- Make sure that your SL-1 speakers, SLC-1, SoundSteer app and Google Home app are all connected to the same wireless LAN as your smartphone or tablet.

The Google Home app cannot find the device.

- Make sure that your SL-1 speakers and SLC-1 control hub are powered on.
- Make sure that your network (Wi-Fi or Ethernet) is working properly.
- Make sure that your router or modem is powered on and within the range.
- The SLC-1 Control Hub has a Wi-Fi signal strength indicator on the left side of the touch screen to help find an appropriate range. If your router does not have a strong signal in the system's room, you may need to use a range extender or set up a mesh network. Consult your Lexicon retailer for assistance.

14 - SPECIFICATIONS

Power supply:	100-240 V~50/60 Hz
Power consumption in sleep mode:	<2.0 Watts
Total output power:	1300 W rms / Pair
Bluetooth version:	4.2
Bluetooth transmitter frequency range:	2402 MHz - 2480 MHz
Bluetooth transmitter power:	<10dBm
Bluetooth transmitter modulation:	GFSK, $\pi/4$ DQPSK, 8DPSK
Ethernet:	10/100 Mbps
Wireless network:	802.11a/b/g/n/ac (2.4 GHz/5 GHz)
2.4 GHz Wi-Fi transmitter frequency range:	2412 - 2472 MHz (2.4 GHz ISM Band, USA and Canada 11 Channels, Europe and others 13 Channels)
2.4 GHz Wi-Fi transmitter power:	<20 dBm
2.4 GHz Wi-Fi modulation:	DBPSK, DQPSK, CCK, QPSK, BPSK, 16QAM, 64QAM
5 GHz Wi-Fi transmitter power:	<23 dBm
5 GHz Wi-Fi modulation:	QPSK, BPSK, 16QAM, 64QAM, 256QAM
5 GHz Wi-Fi transmitter frequency range (varies by country or region)::	5.150~5.350GHz, 5.470~5.725GHz, 5.725~5.825GHz
5 GHz WiSA transmitter power:	<14 dBm
5 GHz WiSA modulation:	OFDM, BPSK, QPSK, 16QAM
5 GHz WiSA transmitter frequency range (varies by country or region):	5.15 - 5.35 GHz, 5.470 - 5.725 GHz, 5.725 - 5.825 GHz
Dimensions (W x H x D):	432 x 1516 x 432 mm \ 17"x 59.7"x 17"
Weight:	75 kg \ 165 lbs
Operating temperature:	0 - 45 °C
Storage temperature:	0 - 45 °C

1. Information on power consumption. This equipment complies with European Commission Regulations (EC) No 1275/2008 and (EU) No 801/2013.

Off	Standby (if all wireless connections are deactivated)	Networked standby for SL-1 Speaker	Networked standby for SLC-1 Control Hub
-	N/A	< 2.0 W	< 2.0 W

2. The period of time after which the power management function switches the equipment automatically into;

Off	N/A		
Standby	N/A		
Networked standby	When any wireless network connection is activated	Switched to networked standby mode within 20 minutes of inactivity in operational mode	

3. If this equipment has the wireless network connections:

How to activate wireless network connections;

- Set up product according to instruction
- Switch into wireless mode(Bluetooth, Chrome casting etc.)
- Connect with energy using product(s)

How to deactivate wireless network connections;

SL-1 Wireless Loudspeakers and SLC-1 Control Hub only rely on either WiFi or Wisa wireless connection as intended use, entirely deactivating wireless network connection is not applicable. However, in the presence of a Wisa or WiFi network analog audio may be reproduced via the SL-1 loudspeaker.

This device complies with Part 15 of the FCC rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAN ICES-3 (B) / NMB-3 (B).

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC/IC Radiation Exposure Statement:

This equipment complies with FCC/IC RSS 102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

IC Caution:

- (i) the device for operation in the band 5150 – 5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- (ii) the maximum antenna gain permitted for devices in the bands 5250 – 5350 MHz and 5470 – 5725 MHz shall comply with the e.i.r.p. limit: and
- (iii) the maximum antenna gain permitted for devices in the band 5725 – 5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.
- (iv) users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250 – 5350 MHz and 5650 – 5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

Exposure of humans to RF fields (RSS-102)

The products employ low gain integral antennas that do not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's Web site at <http://www.hc-sc.gc.ca/>

The radiated energy from the antennas connected to the wireless adapters conforms to the IC limit of the RF exposure requirement regarding IC RSS-102, Issue 5 clause 4. SAR tests are conducted using recommended operating positions accepted by the FCC/ RSS with the device transmitting at its highest certified power level in all tested frequency band without distance attaching away from the body. Non-compliance with the above restrictions may result in violation of FCC RF exposure guidelines.

FCC Cautions:

High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device. No configuration controls are provided for this wireless equipment allowing any change in the frequency of operations outside the FCC grant of authorization for US operation according to Part 15.407 of the FCC rules.

Use Restriction: This device is restricted to indoor use when operating in the 5150 to 5350 MHz frequency range in following countries:

BE	EL	LT	PT
BG	ES	LU	RO
CZ	FR	HU	SI
DK	HR	MT	SK
DE	IT	NL	FI
EE	CY	AT	SE
IE	LV	PL	UK

Belgium (BE), Greece (EL), Lithuania (LT), Portugal (PT), Bulgaria (BG), Spain (ES), Luxembourg (LU), Romania (RO), Czech Republic (CZ), France (FR), Hungary (HU), Slovenia (SI), Denmark (DK), Croatia (HR), Malta (MT), Slovakia (SK), Germany (DE), Italy (IT), Netherlands (NL), Finland (FI), Estonia (EE), Cyprus (CY), Austria (AT), Sweden (SE), Ireland (IE), Latvia (LV), Poland (PL) and United Kingdom (UK).

RoHS Compliance

This product is in compliance with Directive 2011/65/EU and (EU)2015/863 of the European Parliament and of the Council of 31/03/2015 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

REACH

REACH (Regulation No 1907/2006) addresses the production and use of chemical substances and their potential impacts on human health and the environment. Article 33(1) of REACH Regulation requires suppliers to inform the recipients if an article contains more than 0.1% (per weight per article) of any substance(s) on the Substances of Very High Concern (SVHC) Candidate List ('REACH candidate list').

This product contains the substance lead" (CAS-No. 7439-92-1) in a concentration of more than 0.1% per weight

At the time of release of this product, except for the lead substance, no other substances of REACH candidate list are contained in a concentration of more than 0.1% per weight in this product.

Note: On June 27, 2018, lead was added to the REACH candidate list. The inclusion of lead in the REACH candidate list does not mean that lead-containing materials pose an immediate risk or results in a restriction of permissibility of its use.

WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 14/02/2014, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal. The WEEE logo on the product or on its box indicating collection for electrical and electronic equipment consists of the crossed-out wheeled bin, as shown below.



This product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

EU DECLARATION OF CONFORMITY

HARMAN International hereby declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The declaration of conformity may be consulted in the support section of our Web site, accessible from www.lexicon.com.

15 - TRADEMARKS



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The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance.



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The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.



Chromecast built-in, Google Play and the Google Play logo are trademarks of Google LLC.

16 – CERTIFICATES OF COMPLIANCE

EU DECLARATION OF CONFORMITY

We, Harman International Industries, Incorporated
8500 Balboa Blvd
Northridge, CA 91329
USA

As the manufacturer and through our authorised
Representative within the EU
Harman International Industries, Incorporated
EMEA Liaison Office, Herikerbergweg 9
1101 CN Amsterdam, The Netherlands

To declare that the product listed below
Trademark: Lexicon
Description: Steerable Powered Loudspeaker, Control Hub
Product Model Numbers: SL-1 RX, CITATION ADAPT

Is in conformity with the relevant Union harmonisation legislation:

Radio Equipment Directive 2014/53/EU

Eco-design requirements for Energy Related Products Directive 2009/125/EC

RoHS Directive (EU) 2015/863 amending Annex II to 2011/65/EU

If used for its intended use and that the following harmonised standards have been applied:

1. Safety&Health (RED 2014/53/EU, Article 3(1)(a))

Applied standard(s): EN 62311:2008, EN 62368-1:2014+A11:2017

2. Electromagnetic compatibility (RED 2014/53/EU, Article 3(1)(b))

Applied standard(s): Draft EN 301 489-1 V2.2.1, EN 301 489-3 V2.1.1, Draft EN 301 489-17 V3.2.0, EN 55032:2015, EN 55035:2017, EN61000-3-2:2014, EN61000-3-3:2013

3. Efficient use of the radio frequency spectrum (RED 2014/53/EU, Article 3(2))

Applied standard(s): EN 300 328 V2.2.2, EN 300 440 V2.1.1, EN 301 893 V2.1.1

4. Eco-design Directive (2009/125/EC)

Applied standard(s): (EC) No 1275/2008 & (EU) No 801/2013

5. RoHS Directive ((EU) 2015/863 amending Annex II to 2011/65/EU)

Applied standard(s): EN50581:2012

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of: Manufacturer

(Place and date of issue): Shenzhen, China, 22/10/2019

(Name, function) (Signature): *Tim Song*

Tim Song, Senior Manager, Global Regulatory Compliance

LIMITED WARRANTY

Lexicon products are warranted against defects. The duration of a warranty depends on the laws in the country in which it was purchased. Your local Lexicon retailer can help you determine the duration and coverage of your warranty.

For more information please visit: LEXICON.COM

Please visit LEXICON.COM for additional language support on the user manual.

Veillez visiter LEXICON.COM pour obtenir le mode d'emploi en d'autres langues.

Para obter o manual do usuário em outros idiomas, acesse LEXICON.COM

Ga naar LEXICON.COM voor de handleiding in andere talen.

Gå til LEXICON.COM for bruksanvisning på flere språk.

Если вам требуется дополнительные версии руководства пользователя на других языках, посетите сайт LEXICON.COM.

別の言語に対応したユーザーマニュアルを読むには、LEXICON.COMにアクセスしてください。

사용자 설명서에 대한 추가 언어 지원은 LEXICON.COM에서 확인하십시오

请访问 LEXICON.COM 以获取其他语言版本的用户手册。

Visita LEXICON.COM para obtener el manual de usuario de soporte en idiomas adicionales.

Weitere Sprachfassungen der Bedienungsanleitung finden Sie unter LEXICON.COM.

Si prega di visitare LEXICON.COM per i manuali di istruzioni in altre lingue.

Jos tarvitset ylimääräistä kieleen liittyvää tukea käyttöohjeesta, käy osoitteessa LEXICON.COM.

Gå ind på LEXICON.COM for at se betjeningsvejledningen på flere sprog.

Gå till LEXICON.COM för mer information om språk i användarmanualen.



Торговая марка:	Lexicon
Назначение товара:	Активная акустическая система
Изготовитель:	Харман Интернешнл Индастриз Инкорпорейтед, США, 06901 Коннектикут, г.Стэмфорд, Атлантик Стрит 400, офис 1500
Страна происхождения:	Китай
Импортер в Россию:	ООО «Харман Рус СиАйЭс», 127018, Россия, Москва, ул., Двинцев, 12/1.
Гарантийный период:	1 год
Информация о сервисных центрах:	www.harman.com/ru тел.:+7-800-700-0467
Срок службы:	5 лет
Номер документа соответствия:	EAC
Дата производства:	Дата изготовления устройства определяется по двум буквенным обозначениям из второй группы символов серийного номера изделия, следующих после разделительного знака «-». Кодировка соответствует порядку букв латинского алфавита, начиная с января 2010 года: 000000-MY0000000, где «М» - месяц производства (А - январь, В - февраль, С - март и т.д.) и «Y» - год производства (А - 2010, В - 2011, С - 2012 и т.д.).

产品中有害物质的名称及含量

部件名称	目标部件	有害物质或元素					
		铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
电路板	印刷电路板, 电路板上的电子零件 (不包括特定电子零件), 内部相关连接线	X	O	O	O	O	O
箱体	外壳, 面板, 背板等金属屏蔽罩	X	O	O	O	O	O
特定电子零部件	变压器, 保险丝, 大型电解电容, 电源插座喇叭, 磁环"	X	O	O	O	O	O
附件	电线, 说明书, 包装等	X	O	O	O	O	O

本表格依据SJ/T 11364的规定编制

O: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572 规定的限量要求以下。

X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。



在中华人民共和国境内销售的电子电气产品上将印有“环保使用期”(EPuP)符号。圆圈中的数字代表产品的正常环保使用年限。



인증번호: R-CRM-es5-ESP32WROVERB

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