

SX SUBWOOFER

PRODUCT GUIDE

SXSUB

VSSL™

SET YOUR MUSIC FREE™

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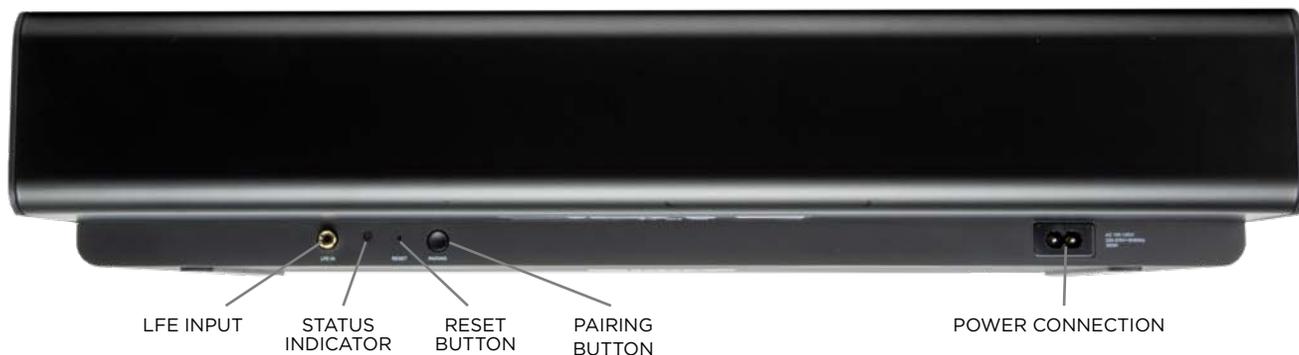


PRODUCT OVERVIEW

FRONT



BACK



LFE Input	Low frequency RCA input for connection to soundbar, amplifier, or any line level source
Status Indicator	Indicates the status of the sub. See the Device Status section for more information.
Reset Button	Use a pin to restart the device. Hold for 10 seconds to restore to its factory settings.
Pairing Button	For use only if setting up when high-speed WiFi is not available. See Offline Pairing Instructions.
Power Connection	Power supply for SX Subwoofer

ACCESSORIES

Power Cord	Standard 3-prong power adapter for the U.S.
Subwoofer Stand	Optional subwoofer stand.

GETTING STARTED

1. PLAN YOUR AUDIO SYSTEM

For TV Audio - Your SX Subwoofer can connect to your SX Soundbar wirelessly to act as the bass for Dolby Digital surround sound listening. Follow the instructions in the VSSL app to pair the products together.

For Stereo Audio - You can also pair the SX Subwoofer with up to 7 SX Speakers for streaming stereo/mono audio. Effortlessly create a group of audio in any room where you can't or don't want to run in-ceiling speakers and wiring.

2. INSTALLATION OPTIONS

Flat - When laid flat on its feet, the SX Subwoofer stands at just over 4 inches in height. This allows you to hide your sub under or behind furniture when space is limited.

Stand - Each SX subwoofer includes an industrial strength stand for applications where conserving floor space is needed. Slip the sub sideways into the stand and display it proudly, stand it up behind furniture, or neatly alongside your TV stand.

3. DOWNLOAD THE VSSL APP

Once you're ready to set up your SX product, download the app from the app store on your mobile device. Open the app and we'll guide you through connecting and setting up your VSSL.



WATCHING TV

The VSSL SX Series allows you to listen to your TV's audio AND your favorite streaming music within a single, sleek design. The VSSL app will guide you on setting up your subwoofer for TV and the Dolby Digital surround sound experience.

PLAYING MUSIC

Listening to music with VSSL is easy. Just play music in your favorite music streaming app, choose your preferred streaming method, and select the SX zone to play to.

VSSL APP

When your SX subwoofer is plugged into power, the VSSL app will automatically recognize your device and initiate setup. Simply follow the prompts to give your product a name and choose which SX products you'd like to pair it to.

Unlike the SX Soundbar and SX Speaker, the SX Subwoofer requires another paired SX product in order to participate in the streaming process. When setting up the SX Subwoofer outside of an SX Zone, simply connect to the subwoofer's LFE input. Please note that control options are extremely limited within the VSSL app and the device will need to be discovered anew each time you'd like to configure its settings.

OFFLINE MODE

To wirelessly pair the SX Subwoofer to an SX Speaker or SX Soundbar without WiFi, single tap the pair button on the back of the SX Subwoofer and double tap the pair button of the SX Speaker or Soundbar within 60 seconds of each other. Both LED's will blink green momentarily while pairing. If the operation times out, go ahead and try again.

DEVICE STATUS



DEVICE STATUS INDICATOR

Pulsing White	The device is booting up.
Pulsing Purple	The device is receiving a firmware update.
Pulsing Orange	The device is completing a factory reset.
Flashing Green	The device is attempting to pair with another SX product.
Intermittent Solid Green	The device is too close to other IoT devices
Solid White	A new audio source has been detected.

BOOT UP

During boot up, the LED light will pulse for 5-10 seconds. Once the subwoofer is ready to be set up, the LED will turn off.

POWER MODES

The SX Subwoofer automatically enters into a low power standby mode 10 minutes after a stream has been paused or ended. The subwoofer also automatically exits low power mode when a new stream is started.

SOFTWARE UPDATES

Your SX Subwoofer shouldn't need very many updates. If it does need an update, the VSSL app will alert you next time it is opened.

TROUBLESHOOTING

VSSL APP HANGS

When opening the app, the screen indicates that it cannot find a device.

1. Make sure the sub is powered on and you are standing near the device with your phone.
2. Force quit the VSSL app on your iOS or Android device.
3. Perform a factory reset by holding in the reset button for at least 10 seconds.

SUBWOOFER WON'T PAIR SUCCESSFULLY

The subwoofer continues to blink green even though I've followed the VSSL app steps.

1. Unplug the subwoofer and remove it from the area temporarily and closer to the SX product.
2. Try reducing wireless interference by moving the SX Subwoofer at least 10 feet from any other IoT device, but not more than 100 feet away from the nearest SX product.
3. Perform a factory reset by holding in the reset button for at least 10 seconds.

NO AUDIO OUTPUT

You are able to connect/play to your zone, but no music can be heard from the sub.

1. Open the VSSL app to make sure the zone you're playing to is not muted and the volume is turned up high enough to hear. You might change to a song with more bass.
2. Within the SX Group settings, ensure that the subwoofer level is set to at least 0.
3. Enable bass management when paired to an SX Soundbar.
4. Attempt to increase the crossover frequency in the settings.

MUSIC STOPS

Your music intermittently stops on its own and/or the zone disconnects from the device.

1. Close and restart the music app that was being used when the music stopped.
2. Try reducing wireless interference by moving the SX Subwoofer at least 10 feet from another IoT device, but not more than 100 feet away from the nearest SX product.
3. Try different streaming protocols AirPlay 2, Chromecast, and Spotify Connect within different music apps in order to isolate the issue.
4. Check the music service's online site to find reports of a possible service outage.
5. Visit help.vssl.com/ and make the required adjustments to your network with the help of your Internet Service Provider.
6. Reboot your network.
7. Perform a factory reset from the app or hold in the reset button for at least 10 seconds after network adjustments have been made.

STATUS INDICATOR LIGHT IS FLASHING GREEN

Your SX Subwoofer is losing connection to the other paired SX devices.

1. Open the VSSL app and set up the SX Subwoofer.
2. Reboot your SX subwoofer by unplugging and plugging in the power cord.
3. Perform a factory reset by holding in the reset button for at least 10 seconds.

TROUBLESHOOTING

INDICATOR LIGHTS ARE DEAD

Even after booting up, the zone indicator lights do not turn on.

1. Ensure the power cord is fully inserted into the back of the SX Subwoofer. Open the VSSL app, enter the settings section and enable status lights.
2. Perform a factory reset by holding in the reset button for at least 10 seconds.

MY STREAMING APP IS FROZEN WITH MUSIC PLAYING

1. Force or hard close and restart the app on your device.
2. Reboot your SX Speaker from the VSSL app or by unplugging and plugging in the power cord.

Note: For more support and other questions please visit, vssl.com/support

SPECIFICATIONS

Amplifier:	Class-D digital amplifier
Woofer:	10" Honeycomb
Dual Acoustic Ports:	Tuned to enhance subwoofer performance
Freq. Response:	25Hz
All Digital Sound:	All filter settings, active EQ, and time alignment are done digitally through DSP circuitry for zero-loss audio quality and energy
Equalization:	Advanced EQ settings
Wireless Connectivity:	Connects to any SX Soundbar or SX Speaker
Power Supply:	Auto-switching 100-240V ~50-60Hz 2 A AC universal input
Weight:	29.8lbs
Dimensions:	L: 21.65" (550mm) x W: 16.96" (431mm) x H: 4.37" (111mm)
Operating Temperature:	32° to 104°F (0°-40° C)
Multiple Orientations:	Upright in stand (included) or lay flat (built-in rubber feet)

WARRANTY INFORMATION

All VSSL branded products have a limited one (1) year warranty. The VSSL Product Warranty covers defects in materials and workmanship in every VSSL product for one (1) year from the date of shipment from VSSL or the date of the original retail purchase from an authorized VSSL Dealer. The VSSL Product Warranty will cover the cost of parts and repair labor on all products deemed to be defective by Soundvision Technologies. The VSSL Product Warranty does not guarantee that VSSL products will at all times operate without interruption or will be error-free, or that all errors may be corrected. The warranty extends only to the original purchaser of the product and not to any subsequent owner.

Soundvision Technologies' obligation under this warranty is limited to repairing or replacing any component found defective in material or workmanship under normal conditions of use with an equal and/or current product. Products to be repaired or returned under this warranty must be returned to VSSL through an authorized VSSL dealer with all transportation and insurance charges prepaid. The warranty period is not extended if we repair or replace your product.

There are some exclusions to the VSSL Product Warranty, including but not limited to:

- Products which have been abused, modified, or disassembled;
- Problems that result from external causes such as accident, abuse or misuse;
- Use that is not in accordance with VSSL product instructions;
- Products with missing or altered serial numbers;
- Products which have had their housings opened or are otherwise tampered with; or
- Problems caused by using third party accessories, parts, or components.

IMPORTANT SAFETY INFORMATION

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 dry cloth.
7. Do not block any ventilation openings. Install in accordance with 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 bypass 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 are 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 the 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.



WARNING

- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- An appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Please always keep at least 20cm away from this device.

EU REGULATORY CONFORMANCE

According to Article 10 (10) of Directive 2014/53/EU, the packaging shows that this radio equipment will be subject to some restrictions when placed on the market in Belgium (BE), Bulgaria (BG), the Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Italy (IT), Cyprus (CY), Latvia (LV), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), the United Kingdom (UK), Turkey (TR), Norway (NO), Switzerland (CH), Iceland (IS), and Liechtenstein (LI). The WLAN function for this device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

				
BE	BG	CZ	DK	DE
EE	IE	EL	ES	FR
IT	CY	LV	LU	HU
MT	NL	AT	PL	PT
RO	SI	SK	FI	SE
UK	TR	NO	CH	IS
LI				

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. 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.

Cet appareil est conforme à la section 15 des réglementations de la FCC. Le fonctionnement de l'appareil est sujet aux deux conditions suivantes :

- (1) cet appareil ne doit pas provoquer d'interférences néfastes, et
- (2) cet appareil doit tolérer les interférences reçues, y compris celles qui risquent de provoquer un fonctionnement indésirable.

Note: This product 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 product 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 product 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.

Please take attention that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.