Atlantic Technology FS-WSLR1 wired wirless speaker User Guide

**FS-WSLR1 wired wireless speaker
User Guide**
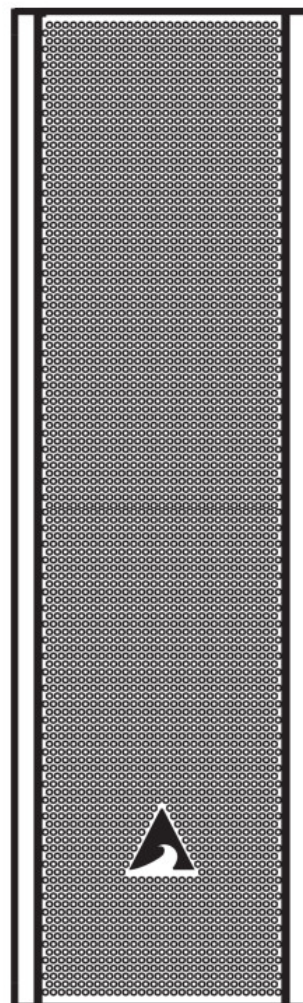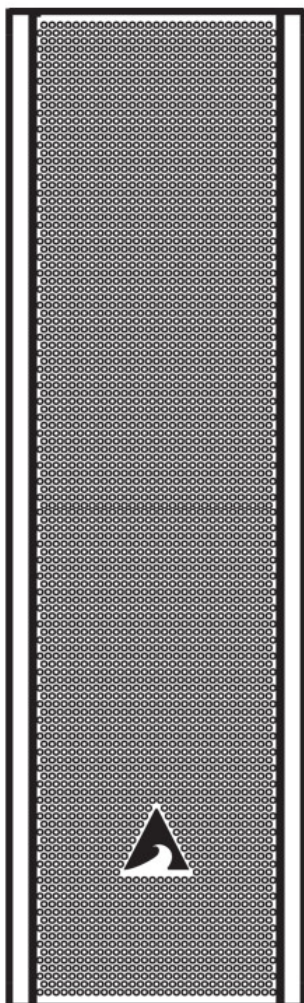
Contents

Important Safety Instructions

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE, OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

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 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 the 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.

15. Grounding or Polarization-This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fails to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

Alternate Warnings-This product is equipped with a three-wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

16. Ventilation-Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or another similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

17. The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

18. CLASS II apparatus with double insulation and no protective earth provided.

19. CAUTION: Danger of explosion if the remote control battery is incorrectly replaced. Replace only with the same or equivalent type.

20. WARNING: The remote control battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.

21. No naked flame sources, such as lighted candles, should be placed on the apparatus.

FCC Compliance 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.

FCC WARNING

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 equip ment 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 the receiver.
- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. Caution:

To comply with the limits for an FCC Class B computing device, always use any shielded signal cord supplied with this unit.

The Federal Communications Commission warns that changes or modifica tions of the unit not expressly approved by the party responsible for compli ance could void the user's authority to operate the equipment.

Radio Frequency Interference Statement Warning:

This is a Class B product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

European Union Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)

This symbol on the product(s) and/ or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery, and recycling, please take this product(s) to designated collection points where it will be accepted free of charge.

Alternatively, in some countries, you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environ ment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accor dance with your national legislation.

For business users in the European Union If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union This symbol is only valid in the European Union. If you wish to discard this product please contact your local authorities or dealer and ask for the correct method of disposal.

The SKAA Compatible Badge as well as the graphics-only version of it, the SKAA Icon, both found on the Product itself, certify that this product has been tested and is fully compliant with all of the requirements of the SKAA Standard and has been granted SKAA Certification. This Product will work seamlessly with other products in the SKAA ecosystem of audio transmitting and receiving devices. For more information on the SKAA Standard, please visit **www.SKAA.com**.

The SKAA@ name as well as its associated marks, logos, and icons are trademarks or registered trademarks of Eleven Engineering Incorporated

Introduction

Back   **Front**   **Control panel**   **Remote control**
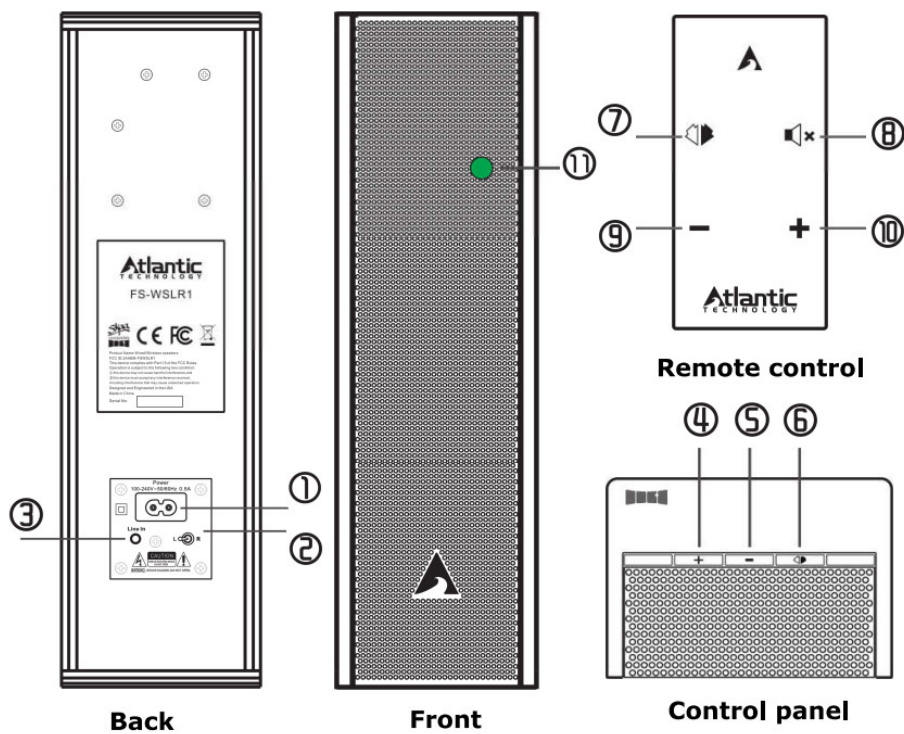
|	
1. Main Power 100-240 volts	7. SKAA Bond Button, See Page 5-6 For Detail
2.L & R Channel Setting Switch	8. Mute Button
3. Line in Input Jack, See Page 7 For Detail	9. Volume Down Button
4. Volume Up Button	10. Volume Up Button
5. Volume Down Button	11. SKAA Indicator, See Page 5-6 For Detail
6. SKAA Bond Button, See Page 5-6 For Detail	

Using your FS-WSLR1 as an SKAA receiver

The FS-WSLR1 can be used as an SKAA receiver when in SKAA mode. An SKAA receiver receives wireless audio from any SKAA transmitter. For a complete list of SKAA transmitters visit **https://shop.atlantictechnology.com/product/FS-WSLR1**

Ensure your SKAA transmitter is powered, and that your host device is playing audio. For example, if you are using a smartphone, make sure that your SKAA transmitter is plugged into your smartphone and that music is playing.

The SKAA Indicator LED will illuminate once you have entered SKAA mode.
When in SKAA mode, your FS-WLSR1 should automatically begin playing the audio received over SKAA through
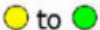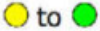
the speakers you have connected.

Bond Button   SKAA Indicator
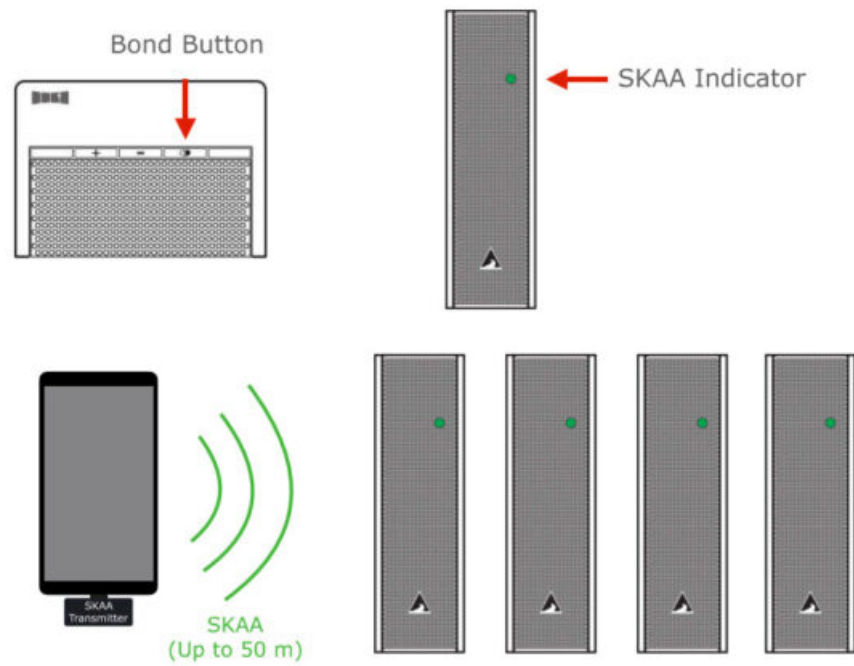
SKAA
(Up to 50 m)

One SKAA transmitter can serve up to four SKAA receivers.

Using your FS – WSLR1 as an SKAA receiver
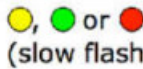
Bond Button   SKAA Indicator

Essentials

Button	Command	Indicator Meaning
Hold a few seconds	Add / Delete Manually add / delete the current transmitter to/from your Green List	◯ to ● = Added ● (flash) = Deleted
–	Auto Add SKAA will automatically add the current Amber transmitter to your Green Ust If you listen to it for 30 minutes	◯ to ● = Added
1 Click	Green Mode Rotate through your list of favorite transmitters (Green List) – when a favorite transmitter is found, the search stops and audio plays from that transmitter	● (dim) = Hunting ● (flash) = Next one ● (bright) = Bonded
2 Clicks	Amber Mode Explore for new, unknown transmitters (ones that are not already on your Green List)	◯ (dim) = Hunting ◯ (bright) = Bonded

Other Commands

Button	Command	Indicator Meaning
3 Clicks	Mute do again to Unmute; any Click command will first Unmute and then do its function	◯, ● or ● = Muted (slow flash)
4 Clicks	Red Mode If you have 2 or more transmitters on your Green Ust, power on Just the one you want to hear and it plays automatically.	● (dim) = Hunting ● (bright) = Bonded
6 Clicks	factory Reset Clear Green List. Start Over!	● (flash) = Reset Done
Hold during power on	Make a Cluster of Receivers: 1. Power off all transmitters and receivers 2. Power on the Master receiver while holding down Its Bond Button-hold the button down until the Indicator begins to flash Red 3. With the remaining receivers within 3 meters of the Master receiver, power on the first one, wait for its Indicator to flash Red and then power on the second one; continue until all of them are powered on 4. Once all of the Indicators stop flashing (turn solid Red), power off all of the receivers	● (flash) = Receiver has entered 'Cluster Up' mode ● (bright) = The Cluster has been successfully made

Using the Line in Analog Audio Input

1. Set the toggle switch to "L" for the left speaker.
2. Set the toggle switch to "R" for the right speaker.
3. Connect the audio source with the speaker using the attached audio cable.
4. The speaker box will automatically switch into the LINE IN mode when the audio cable is plugged in.

**If you find that the setting of the left and right speakers is different from the actual ones, you can do the following steps to correct it.
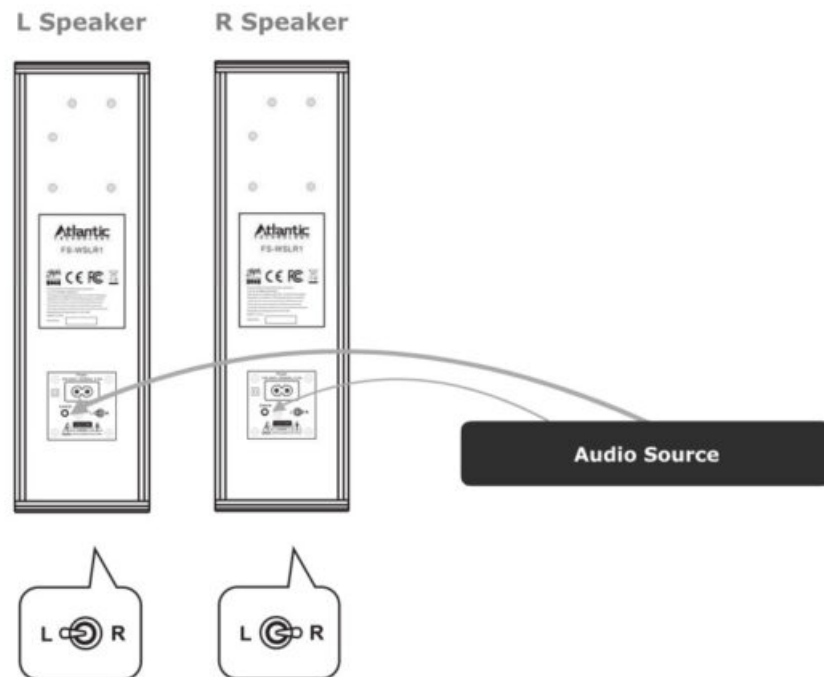
a. Set the toggle switch to "L" for the left speaker. Or set the toggle switch to "R" for the right speaker.
b. Power off.
c. Power on.
d. 6 clicks the bond button.

Using Several FS-WSLR1 Units Together in an SKAA Network

Up to four FS-WSLR1 can be formed into a cluster, for example:

1. 1 Cluster of 1 Master speaker and 3 Slave speakers
2. 1 Cluster of 1 Master speaker and 2 Slave speakers
3. 1 Cluster of 1 Master speaker and 1 Slave speaker

Take one of FS-WSLR1 as the master speaker, and the other as the slave speaker. The setting method is as followings:
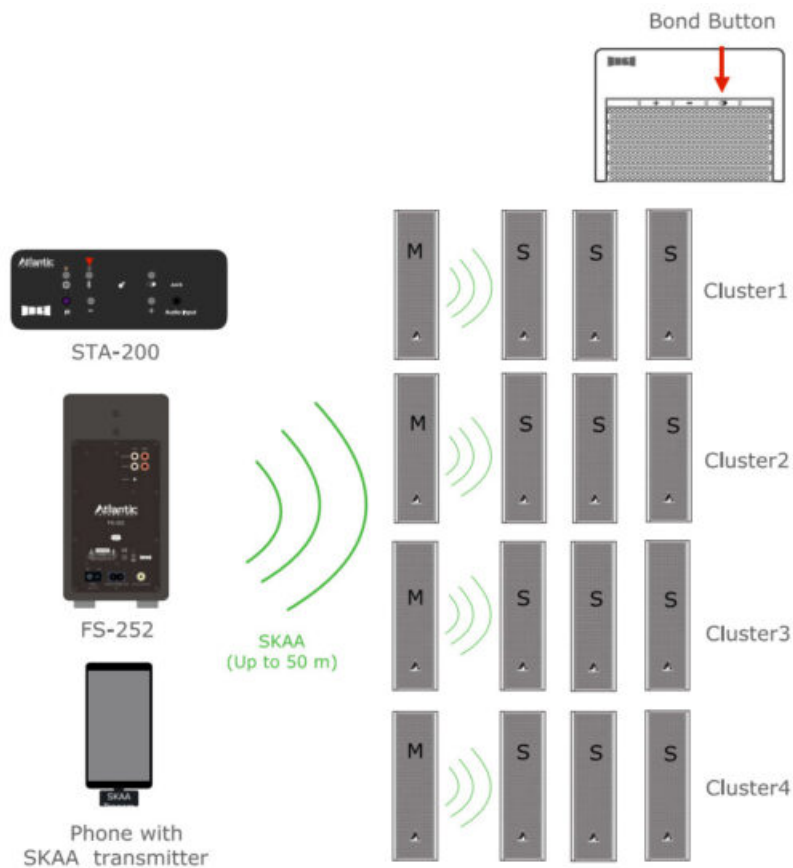
Long press the SKAA Bond Button on the master speaker and power it on. The indicator light starts flashing waiting for pairing. Power on the slave speaker and the SKAA indicators of the slave speaker starts flashing. When the SKAA indicator on all powered units stops flashing it indicates a successful Cluster has been made.
One SKAA Transmitter can serve up to four clusters.
As shown below:

Using FS-WSLSR1 for a home theater system

Two FS-WSLSR1 speakers can be used as wireless surround speakers when we connect them with the Gatecrasher 3 and FS-S8/FS-S65 to be a 5 .1 home theater system. As shown below.

Gatecrasher 3
(Built-in SKAA Transmitter)

Wireless
Subwoofer Speaker
FS-S8 or FS-S65

Surrond L
Speaker

Surrond R
Speaker
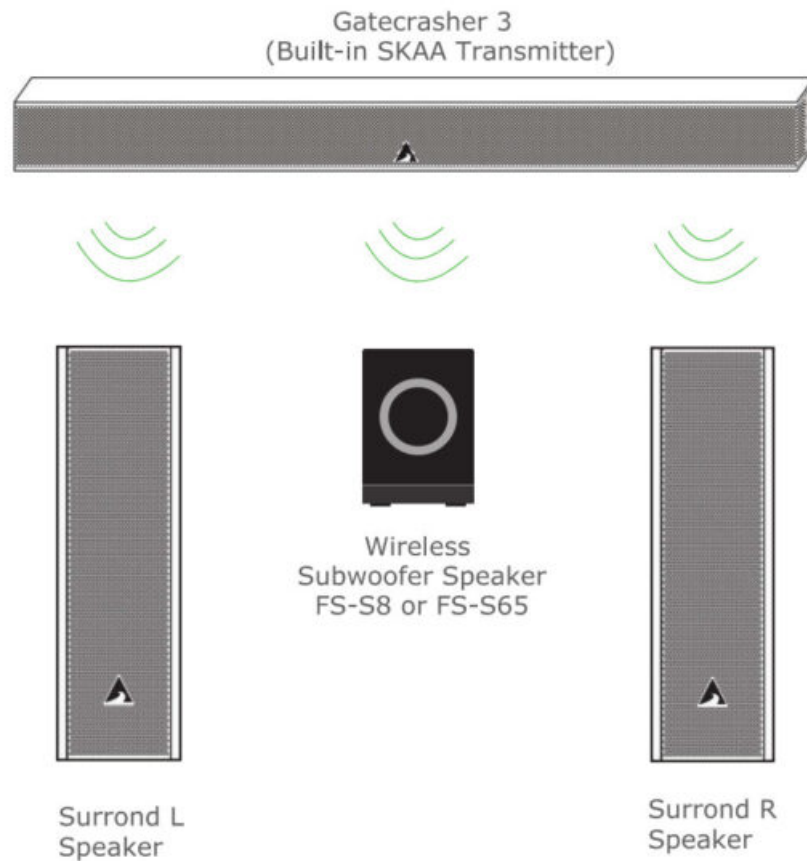
SKAA cmd

SKAA cmd is an optional App available for iPhone, iPad, iPod, Android, Mac, and PC. You can find it on our website **www.skaa.com/tlc/** or in the iOS App Store and Google Play. SKAA cmd is great for getting the most out of your FS WSLR1. To use SKAA cmd, throw your FS-WSLR1 into SKAA mode, download the app, insert an SKAA transmitter and check out all of the customizable features of SKAA. SKAA cmd only works with five specific SKAA transmitters:

Izabella, Diz, Ursula, Gemma, and Cassandra. The FS-WSLR1 will not work with SKAA cmd unless you are using one of the supported transmitters.

SKAA CMD
— THE APP YOU DON'T REALLY NEED!

SKAA cmd works with these 5 transmitters:
- Izabella
- Cassandra
- Diz
- Ursula
- Gemma

Click a receiver's name to change it to something more descriptive

Livingroom V600

Click a speaker icon to Mute and Unmute the speaker. The speaker icon flashes and the slider loses its color when the speaker is muted.

Dr. Northcott's AT headphones

More than one green bond block means this is a Cluster. Download the SKAA Receiver User's Guide to learn more about Clusters.

Josh's Stereo Speakers

Customize your transmitter's name by clicking on it

Click here to set the transmitter's power mode:
- Red = on
- Grey = off
- White = Auto-On;
The vertical bar in the icon means the transmitter is on.

Thia's Ursula ... hands off !

Click a green bond block to set audio channel routing:
- Left
- Right
- Mono
- Stereo
Not all of these options are enabled on all receivers.

Change just this receiver's volume by dragging this slider

Each one of these bays shows an SKAA receiver or Cluster that is bonded to your transmitter.

Click this triangle to mute all receivers at once. Click each speaker icon individually to make it resume play.

This master volume slider controls all receivers bonded to this transmitter

Wall Mount Bracket Assembly

1. Place the bracket against the back of the FS-WSLR1 sideways as shown in figure 1.
2. Rotate 90 degrees clockwise to the upright position. The bracket will not be able to rotate past 90 degrees. See figures 2, 3, and 4.
3. The bracket can slide along the channel in the FS-WSLR1 to allow proper placement with wall studs. Locate the bracket in the appropriate position for your installation.
4. Screw in the bracket, in two places as shown in figure 4.
5. Hang the FS-WSLR1 from the top slot shown in figure 5.

Please source a wall anchor that is appropriate for your wall construction.

FS-WSLR1 Specifications

Channels	Mono
Power	30W @4ohm
Inputs	SKAA wireless technology Inputs LINE IN SKAA wireless
Transformer	In-built, wide-range voltage
Operation	Remote control and control panel
SKAA Indicator	Multi-color LED
Dimensions	W 4.3″ x H 14.8″ x D 3″
Weight	2.3kg / 5lbs each

Safety Comments

The appliance is only suitable for moderate climates.
The maximum ambient temperature during the use of the appliance must not exceed 40C/105F.
Do not drop the appliance or expose it to any other type of impact.
Do not place the appliance in an area exposed to heat, direct sunlight, dampness, moisture, rain, vibration, shock, dust, or sand.
Only use a dry brush or cloth to clean the appliance.
Note:

Use this appliance in a temperature range between -20°C and 45°C (-4° F and 113F).

Symbols Used

Indoor Use only

Protection class II appliance (ONLY FOR CLASS II EQUIPMENT)
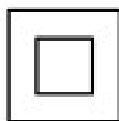
Do not dispose of the appliance along with the normal waste. Recycle the appliance.

The test was performed according to
the following European standards:

Draft ETSI EN 301 489-1 V2.2.0(2017-03); Draft ETSI
EN 301 489-17 V3.2.0 (2017-03); ETSI EN 301 893
V2.1.1 (2017-05); ETSI EN 300 328 v2.1.1 (2016-11);
EN 62311:2008

The purpose of this guide is to provide answers to frequently asked questions when using FS WSLR1 products for the first time.

Note: SKAA provides a very simple, one-button, one-LED, interface. These two components are called and will be referred to as, the Bond Button and the SKAA Indicator.

At any time, when interacting with SKAA, the user may locate the Bond Button and rapidly click it six times to reset SKAA to its factory settings. In some cases, it can prove useful to factory-reset an SKAA receiver. If an SKAA transmitter is available and transmitting audio, the factory reset automatically Bonds to the transmitter and resets the volume.

 Bond Button Icon

Before proceeding with reading the following frequently asked questions and answers, please make sure that your SKAA devices are powered, in SKAA-mode (if applicable) and in range of one another (20 m).

When I power on my SKAA speaker, the Indicator is dim green and when I play audio from my SKAA transmitter, no sound comes from the speaker.

Most likely your SKAA speaker is hunting for one of your favorite transmitters. Simply press the Bond Button once, in order to switch to another favorite transmitter. If no other favorite transmitters are saved on the Green List, pressing the Bond Button once will not have an effect.
In this case, double-click the Bond Button in order to put the speaker into Amber Mode. Amber Mode will explore new, unknown transmitters in the area that are currently playing audio. If the issue persists, you can always factory reset the SKAA receiver by six-clicking the Bond Button. The SKAA Indicator will flicker red for one second and the speaker will return to Amber Mode. If six-clicking the Bond Button has no effect, see the next troubleshooting item.

When I power on my SKAA speaker and attempt to play audio from a SKAA transmitter, I hear no sound, the Indicator is dim green and no matter how many times I click the Bond button, nothing changes.

In this case, your SKAA speaker is a Slave speaker in a Cluster of speakers. This means that this speaker was probably sold with at least one other speaker, and one of these other speakers is the Master speaker. The Master speaker is responsible for controlling all Slave speakers. A Slave speaker will always follow the Master speaker. Some Slave speakers still contain a Bond Button in order to mute the speaker (this can be accomplished by triple-clicking the Bond Button). Any SKAA speaker with a Bond Button on it can be a stand-alone speaker, however, it will have to be "unclustered" See the SKAA Receiver User's Guide for the unclustering procedure.

What is the difference between Green Mode and Amber Mode and how do I use them?

1 Click	**Green Mode** - Rotate through your list of favourite transmitters (Green List) - when a favourite transmitter is found, the search stops and audio plays from that transmitter.	● (dim) = Hunting ● (flash) = Next one ● (bright) = Bonded
2 Clicks	**Amber Mode** - Explore for new, unknown transmitters (ones which are not already on your Green list)	● (dim) = Hunting ● (bright) = Bonded)

When you power on an SKAA speaker for the first time, it will be in Amber Mode. You can identify a speaker in Amber Mode by the behavior of its SKAA Indicator (if the SKAA Indicator is amber, the speaker is in Amber Mode). When in Amber Mode, the speaker will explore for new, unknown transmitters in the area that are currently playing audio. Once found, it will Bond to that transmitter, the SKAA Indicator will switch from dim amber to bright amber and the speaker will start playing audio. The speaker is now Bonded and in Amber Mode. Green Mode can be achieved after an SKAA speaker is Bonded and in Amber mode. Once a speaker is Bonded and in Amber Mode, simply hold down the Bond Button for three seconds. The SKAA Indicator will switch from bright amber to bright green. Now, the next time you power down your SKAA speaker(s) and transmitter(s) and power them back on again, the SKAA speaker(s) will be waiting for the transmitter on the Green List. When the transmitter becomes available, it will
automatically Bond to it. SKAA speakers can store up to ten transmitters on a Green List. To cycle through transmitters on a Green List, simply click the Bond Button once to
cycle to the next transmitter on the Green List.

How do I know which SKAA compatible receivers work with each other?
All devices running SKAA OS 2.1 and newer are designed to work together seamlessly.
If you suspect that your SKAA transmitter or receiver is running firmware older than SKAA OS 2.1, contact us via
support@skaa.com and we will help you.

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Telephone: (781) 762-6300 Fax: (781) 762-6868

Documents / Resources

Atlantic Technology FS-WSLR1 wired wirless speaker [pdf] User Guide
FS-WSLR1 wired wirless speaker, wired wirless speaker, wirless speaker