FLUANCE®

User Manual
Ai60 - Powered 6.5" Bookshelf Speakers

FLUANCE

FLUANCE

Serious Performance™

Fluance.com

Introduction

Fluance believes everyone should experience audio in its truest form, recreating the performance the way the artist intended. Utilizing only superior components and expert audio engineering, their products are a testament to the performance that can be achieved when a passion for music takes center stage. The perfect complement to any audiophile's lifestyle, you'll be enjoying live performances in your home for years to come.
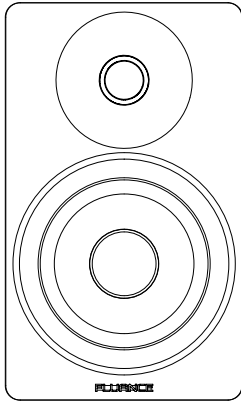
Break-in Period

Our speakers have a Butyl rubber ring surrounding the cone. The break-in period allows the rubber to loosen and stretch, allowing the cone a larger range of movement, which gives a better sound reproduction. We recommend 10-12 hours of play at moderate volume to achieve this.
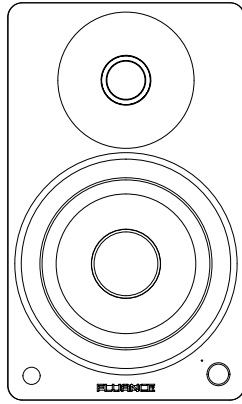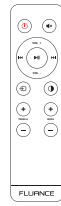
Table Of Contents
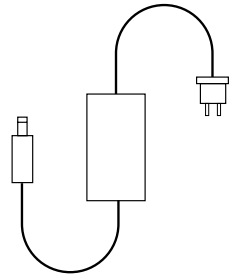
What's Included

Ai60 Passive
Speaker
(Left Channel)

Ai60 Active
Speaker
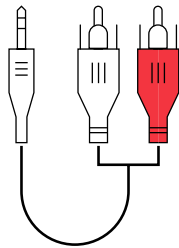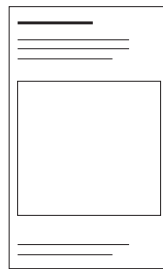(Right Channel)

Remote
Control

2 'AAA'
Batteries

Power
Adapter

Speaker
Wire

AUX-to-RCA
Cable

Quick Start
Guide

Lifetime
Customer Support
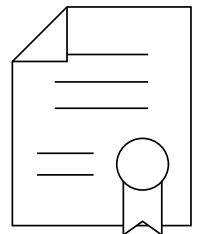
2 Year
Warranty

Front & Back Panel Layout

Active Speaker - Front

1. **Control Knob**
   - Volume
   - Input Selection - (Push)
   - Power ON/OFF - (Hold)
2. **Source LED**
   - Blue (Solid) - Bluetooth® Paired
   - Blue (Flashing) - Bluetooth® Pairing
   - Yellow (Solid) - RCA
   - White (Solid) - Optical
   - Purple (Solid) - USB
   - Red (Solid) - Standby Mode
   - Red (Flashing) - Mute
   - Red (Flash 1X) - Max Volume
   - Red (Flash x2) - Bass/Treb Set to -5 or +5
   - Source Color: Blue/Yellow/White/Purple (Flash x2) - Bass/Treb Set to 0
3. **IR Sensor**
4. **Bluetooth® Reset Pairing**
5. **USB Input (Audio Playback Only)**
6. **Optical Input**
7. **RCA Input**
8. **Subwoofer Output**
9. **Left Speaker Output**
10. **DC Input**
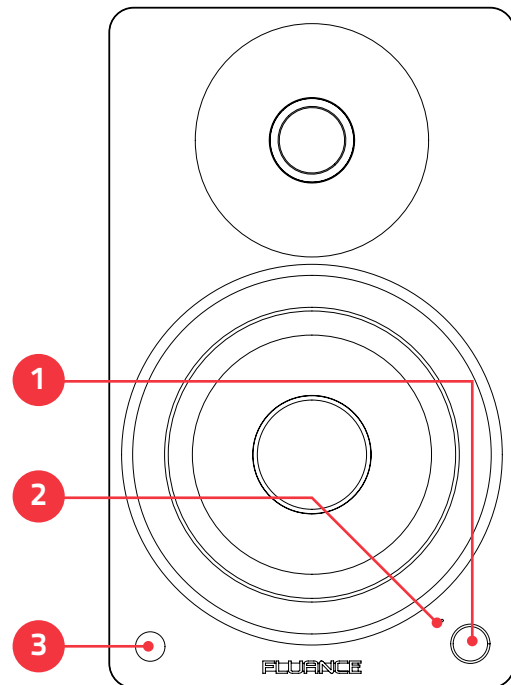
Active Speaker - Back
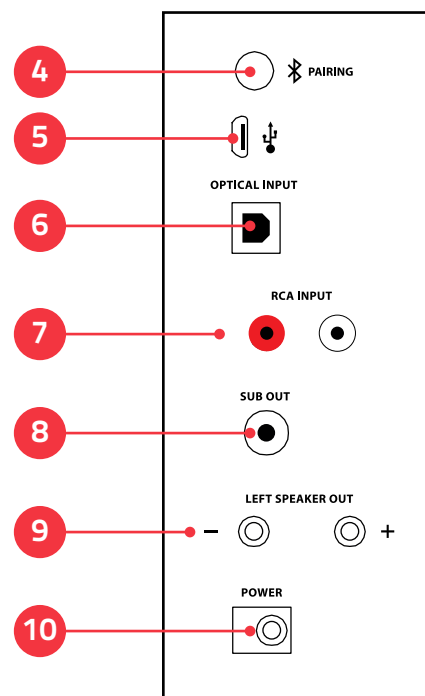
Passive Speaker - Back

1. Speaker Input

1
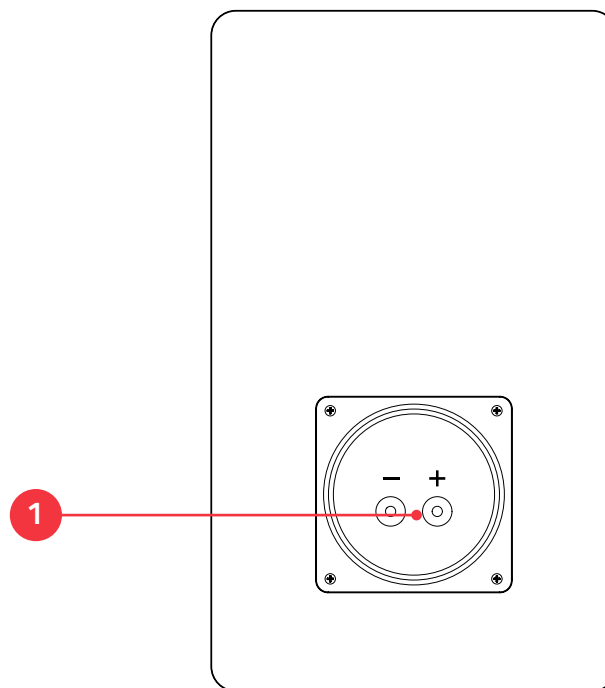
Remote Control Layout

1. Power ON/OFF
2. Volume UP/DOWN
3. Source
4. Treble UP/DOWN
5. Mute
6. Play/Pause & Bluetooth Pairing Reset*
    To reset Bluetooth Pairing Reset, press & hold for 3 seconds.
7. Forward/Back
8. LED Brightness - (100% > 25% > OFF)
9. Bass UP/DOWN

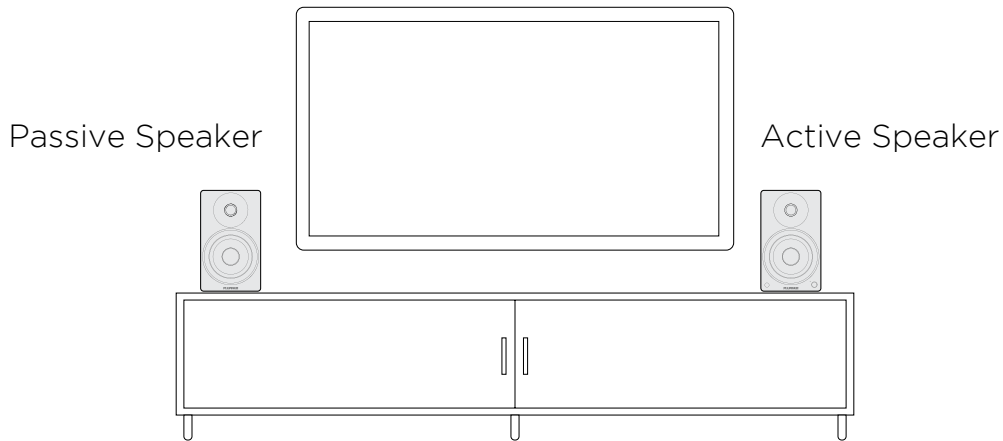**1**   **5**   **6**   **2**   **7**   **3**   **8**   **4**   **9**

VOL +   VOL -   TREBLE   BASS

FLUANCE
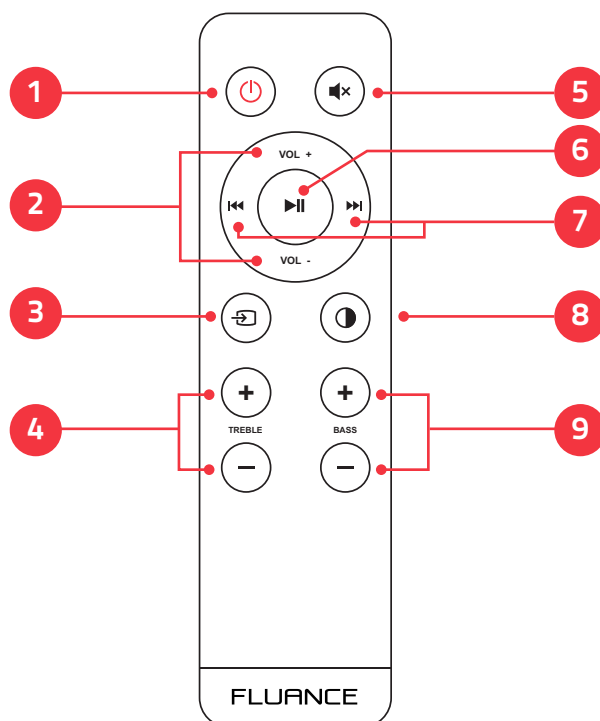
Product Setup

1. Position the speakers with the Active Speaker on the right and the Passive Speaker on the left.

Passive Speaker   Active Speaker

> *NOTE: If placing the speakers in a cabinet or on a shelf, position the front of the speakers as close as possible to the front edge of the shelf for optimum audio performance.*

2. Connect one end of the speaker wire to the binding posts on the back of the Active Speaker and connect the other end of speaker wire to the binding posts on the back of the Passive Speaker.

   IMPORTANT: Ensure the same color wire is connected to the same color binding posts on each speaker.

   > *NOTE: The included speaker wire is 8ft. If placing your speakers further than 8ft apart it is recommended to use standard 18 gauge speaker wire to connect the speakers over the longer distance.*

3. Connect the power adapter to the back of the Active Speaker.
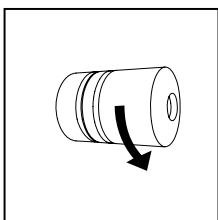
Loosen the binding post
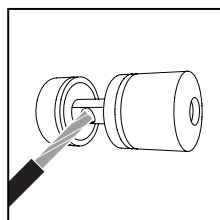
Insert speaker wire through hole

Tighten the binding post

Passive Speaker   Active Speaker
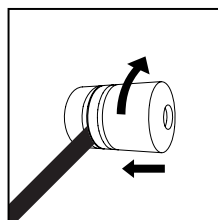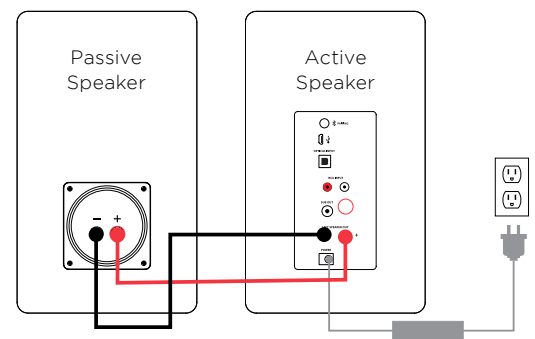
Turning On/Off Unit

Press the Control Knob to turn on the unit. Hold to turn off the unit.
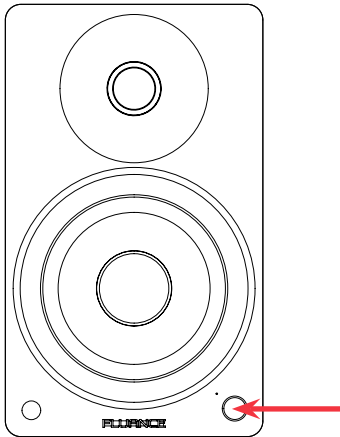
Press ⏻ on the Remote to turn the unit on/off.

OR
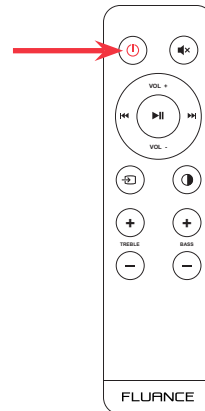
Source Selection

Press the Control Knob to cycle through the audio inputs.
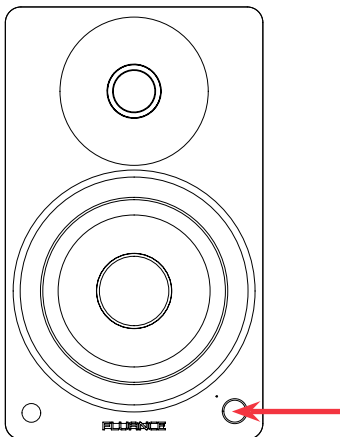
Press ⧉ on the remote to cycle through the audio inputs.

OR
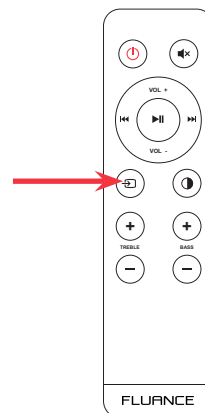
The Source LED will show the below color for each source:

⬤ (Blue) Bluetooth   ◯ (White) Optical

⬤ (Yellow) RCA   ⬤ (Purple) USB

RCA Input

1. Connect the RCA cable to your source device (Turntable, Smartphone, Computer...).

    Note: A preamp is required for a turntable connection.

2. Connect the other end of the RCA cable to back of the Active Speaker.
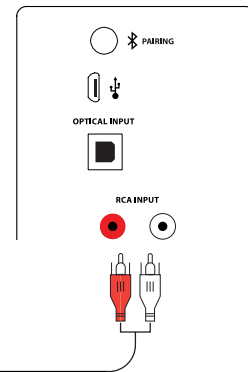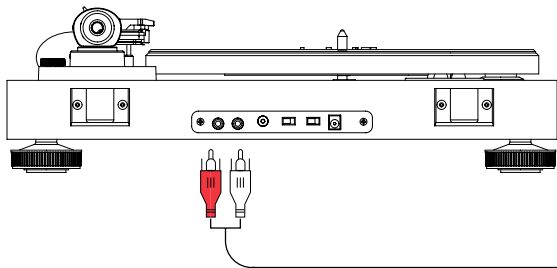
*RCA to RCA cable not included

OR
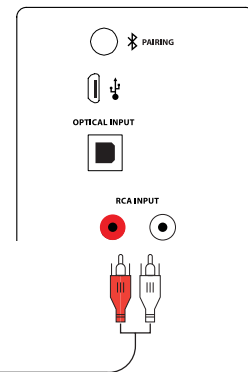
3. Press the Control Knob to select the RCA input (Yellow LED).

4. Adjust volume on Ai60 as well as source device.
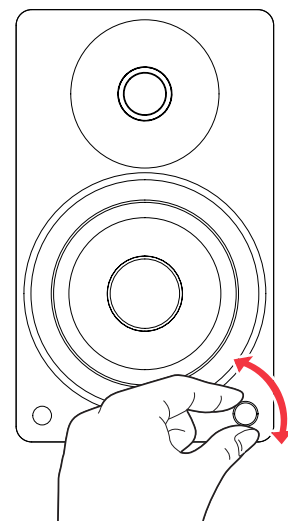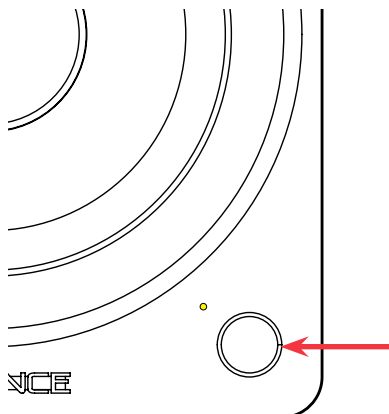
Bluetooth® Pairing

1. Press the Control Knob to select the Bluetooth input (Blue LED).
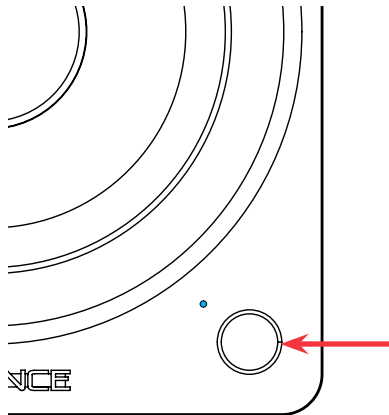
2. Pair to "Fluance Ai60" on your source device.
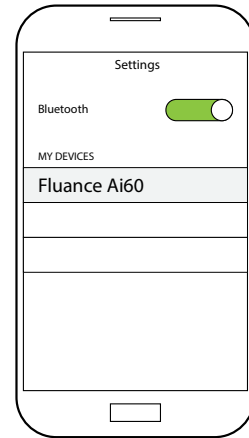
Note: Unit will attempt to auto-pair to the last paired device.

3. Use the Remote to control playback on your source device.

4. If your device cannot find "Fluance Ai60", you can reset Bluetooth pairing:

- Press and hold ▶❚❚ on the remote for 3 seconds to reset Bluetooth pairing.

OR

- Press and hold the Bluetooth Pairing Reset Button on the back of the unit for 1 second.
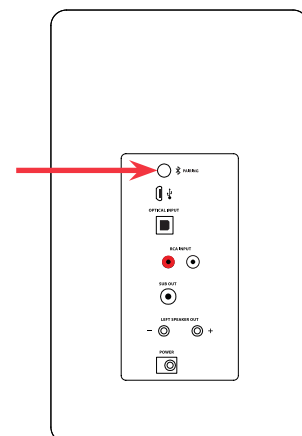
Note: How you access your device's Bluetooth settings may vary from one manufacturer to another. Maximum line of sight for Bluetooth range is 33ft. Obstacles may decrease transmission distance.

Optical Input

1. Connect the Optical cable to your source device (TV, Computer, Game Console...). Ensure protective caps are removed from the ends of the Optical cable.

2. Connect the other end of the Optical cable to the back of the Active Speaker.

Optical cable not included
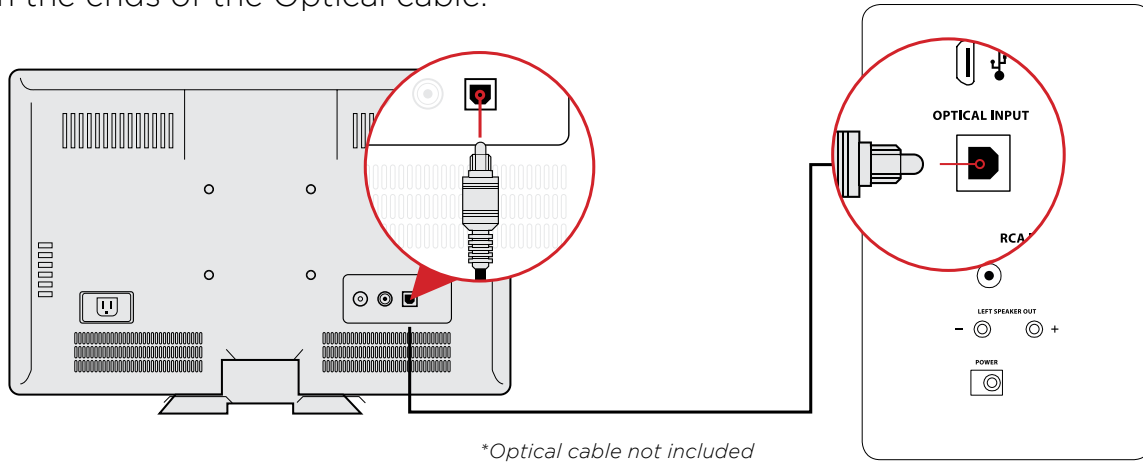
3. Press the Control Knob to select the Optical Input (White LED).

4. Adjust the volume on Ai60 as well as source device.
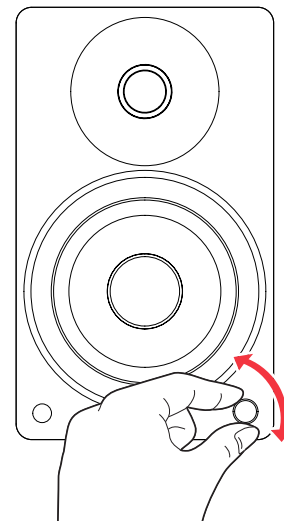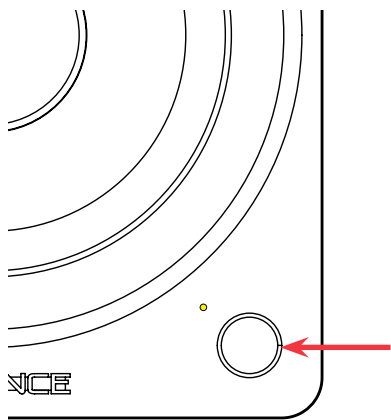
Optical Audio Signal Compatibility

The Ai60 does not support Dolby Digital Audio or DTS Audio. Locate the audio output settings on your source device and ensure Dolby Digital is turned off. The correct audio output setting is commonly referred to as PCM or Stereo.

Some TVs also require that audio output be enabled. This setting may be referred to as External Speakers. Ensure this is selected as your speaker/audio output.

For instructions on a specific device, please consult the device's user manual.

USB Input

1. Connect the USB cable to your source device (Laptop, Desktop)

2. Connect the other end of the USB cable to the Micro USB port on the back of the Active Speaker.

*USB cable not included

IMPORTANT: The USB input on the Ai60 is for USB audio playback and not for USB charging.
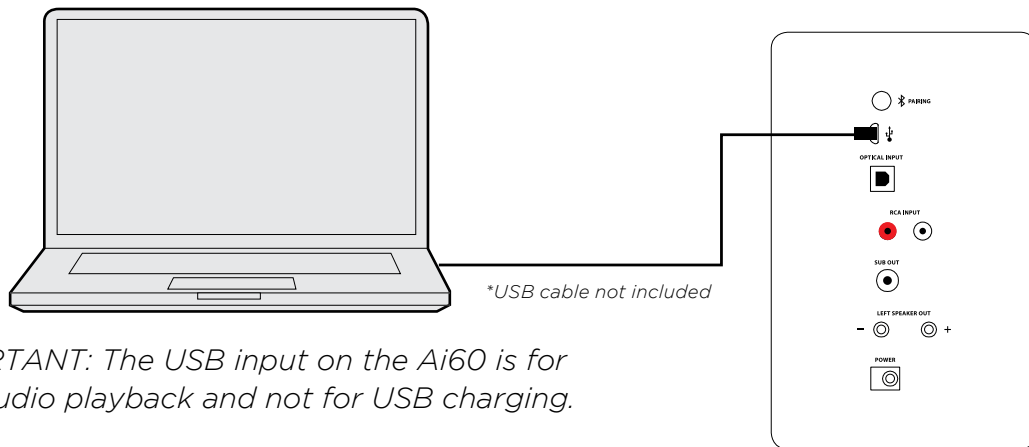
3. Press the Control Knob to select USB Input (Purple LED).

4. Adjust the volume on Ai60 as well as source device.
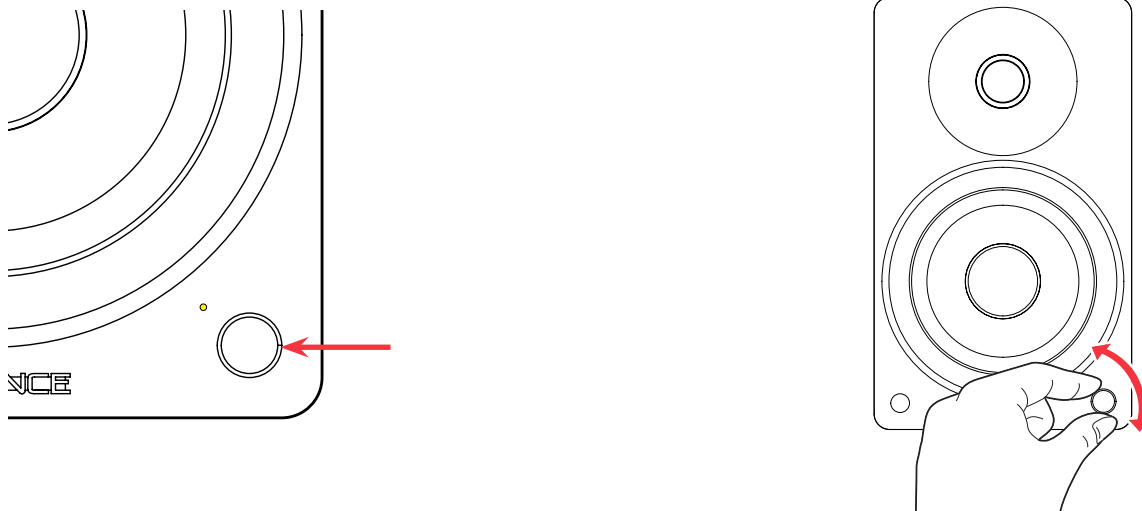
USB Audio Output Settings

You may need to enable USB audio output on your source device. Here are the directions for most Windows® and Apple® Computers.

Windows®: Control Panel > Sound > USB Audio
Apple®: System Preferences > Sound > Output > USB

It is also important to check that any sound enhancements, effects, or EQ settings are disabled on your source device.

Subwoofer Output

1. Connect the Subwoofer cable to your powered subwoofer.
2. Connect the other end of the Subwoofer cable to the back of the Active Speaker.
3. Adjust the volume on the Subwoofer for the best listening experience.

Fluance offers matching subwoofers for the ultimate audio experience. For more information visit: www.Fluance.com/subwoofer.
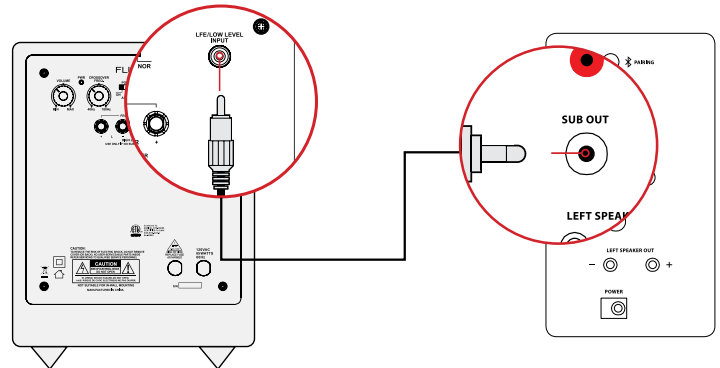
Subwoofer cable not included

Volume Adjustment

Turn the Control Knob or use the Remote to increase or decrease volume.

EQ Adjustment

Use the Bass/Treble buttons on the Remote to adjust each from -6 to +6.

LED Behavior:

Red (Flash 2x) - Bass/Treble Set to -5 or +5

Source Color (Flash 2x) - Bass/Treble Set to 0

Note: If using a source device with it's own EQ settings, ensure it is set to flat (0) or normal.

Adjusting Source LED Brightness

Use the LED Brightness Button (⬤) on the Remote to cycle between 100%, 25%, and OFF brightness levels.

Note: When set to OFF, the LED will turn on for 5 seconds when power is turned on or new Source is selected, before turning off again.

Frequently Asked Questions

What is ˝auto-pairing˝ and how does it work?
Auto-pairing is a convenient connection feature included in all Fluance Bluetooth Speakers. If the connected Bluetooth-enabled device leaves the connection range of the Ai60 and returns at a later time, the device will automatically connect. If the device's Bluetooth function is disabled and then enabled at a later time, the device will automatically connect as well. *Note: The Fluance Ai60 will only auto-pair to the last device that it was connected to.*

How do I change the source on my Fluance Ai60?
See page 8

How do I adjust the Volume on my Fluance Ai60?
See page 13

How do I adjust the Bass and Treble on my Fluance Ai60?
See page 13

Another device is connected to my Fluance Ai60 and I want to connect my device.
You can reset any Bluetooth connection by pressing and holding the Bluetooth Pairing Reset button on the back of the Active Speaker for 1 second. You can also press and hold "Play/Pause" on the Remote for 3 seconds.

What is the range of my Bluetooth Connection?
The Fluance Ai60 operates with Power Class 2 Bluetooth devices, which have a range of approximately 33 feet (line of sight).

What is the break-in period for Fluance speakers?
The break-in period for your Fluance Ai60 speakers is about 10 hours of playing time at normal listening volumes. After this period, the drivers will have had enough movement to perform at their peak level.

What are the power adapter specifications for the Ai60?
Brand: Fluance
Model: DQS751-240300-3
Input: AC 100-240V~50/60Hz 2A
Output: DC 24V 3.0A

It is not recommended to use any third party power adapters with the Ai60. If your power adapter becomes damaged or lost, please contact us at www.Fluance.com/contact for a replacement.

Troubleshooting

No Power
* Ensure the LED Brightness is not set to OFF
* Check all connections on power adapter and ensure fully inserted
* Connect the Ai60 to a different power outlet

No Audio
* Check volume on Ai60 and ensure it is above 0
* Check volume on source device and ensure it is above 0
* Confirm Ai60 is set to correct source
* Ensure all cables are connected properly and fully inserted

No Audio from Passive Speaker
* Check speaker wire connections between speakers and ensure securely connected to binding posts of the correct colors

Poor Audio
* Ensure the colored wires are connected to the corresponding colored binding posts on each speaker
* The EQ settings on any source devices should be set to 0 (flat)
* Test with another audio source device to determine source of issue

No Audio on Optical
* Confirm audio signal source device is not using Dolby Digital or DTS. Should be using PCM or Stereo
* Ensure the optical cable protective caps are removed, it is connected to both devices, and confirm the cord is not damaged
* Some TVs require external speakers are enabled to provide audio through the optical audio connection
* Ensure cables connections are secure and fully inserted

No Audio on USB
* Confirm that USB audio output is enabled on your computer
* Check cable connections are secure and fully inserted

Humming/Buzzing
* Ensure that all connected devices are properly grounded
* If connected to a turntable ensure it is located on a separated surface
* Confirm that source device volume is adjusted properly

Specifications

Speaker Configuration	2 Way – 2 Driver Powered Bookshelf Speaker System with Integrated Amplifier (Pair – 1x Active 1x Passive)
Bluetooth	Yes; aptX Codec
Input	RCA L/R, Digital Toslink Optical, Micro USB
Tweeter	1 inch Silk Soft Dome Ferrofluid Cooled
Woofer	6.5 inch Woven, Glass Fiber Composite Drivers with Butyl Rubber Surrounds
Amplifier Power	Class D 100 Watts Continuous Average Output (2x 50 watts)
Frequency Response	35Hz – 20KHz (DSP Virtual Sound Perceived by Ear)
Crossover Frequency	2600Hz Phase Coherent – PCB Mounted Circuitry
Internal Lead Wire	18 gauge Internal Lead Wire to Reduce Signal Degradation
Power	Input: 100-240V; Output: 24V 3.0A
Enclosure	Acoustic Suspension Design
Dimensions	13.1 x 7.8 x 9.2 inch
Speaker Weight	29.3 lbs
Subwoofer Output	Yes (Auto Detect)
Certifications	ICES, FCC, cETLus

Warranty

Thank you for choosing Fluance! We guarantee your investment in our products is a solid one. High performance components combined with quality craftsmanship allow us to maintain the highest possible production standards.

All items are guaranteed against defects in materials and craftsmanship. Fluance has outstanding quality control; if something should go wrong with any of our products, we will repair it free of charge within the warranty period. If the product cannot be repaired, we will replace the product. If the product has been discontinued, we will replace the product with either the newest version of said product or current equivalent. In the event that Fluance replaces a product under warranty, the replacement would only carry the original warranty from the original date of purchase.

Warranty Period

The Fluance products below are warrantied for parts and labor for the stated period from date of original purchase, and are subject to the terms and conditions of the warranty. Fluance warranties are valid for the original owner and are non-transferable.

Home Audio Passive Speakers: Lifetime Warranty

Active/Powered Speakers: Two Year Warranty

HiFi Turntables: Two Year Warranty

Batteries (For Powered Speakers): One Year Warranty

Warranty Exclusions

- Products purchased from a dealer not authorized by Fluance.

- Products with the serial number defaced, altered, or missing.

- Defects resulting from disaster, accident, abuse, misuse, lightning, power surges, neglect, unauthorized modification or water damage.

- Defect or damage as a result of repairs performed by a person or party not authorized by Fluance.

- Defects of damage occurring during shipping (claims should be made with the shipping company).

To Obtain Warranty Service

Should your product require warranty service, please contact us at www.fluance.com/contact or call us at 1-888-617-6863 to set up a Return Authorization. Products returned without a valid Return Authorization number will be refused.

Fluance products must be returned in their original packaging. Our products are packaged specially to protect them from any damage during shipping, and without this packaging the return shipment could get damaged.

This warranty does not cover the shipping cost, insurance, or any other incidental charges. Products shipped for warranty service must be pre-paid by the customer, and Fluance will cover the cost to ship the repaired or replaced product back to the customer.

Important Safety Instructions

<table>
<tr><td>

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

</td><td>

WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

</td></tr>
</table>

To prevent fire or shock hazard, 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 hazard, 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 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.

10. 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 you outlet, consult an electrician for replacement of the obsolete outlet.

11. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and point where they exit from the apparatus.

12. Only use attachments / accessories specified by the manufacturer.

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. This appliance shall not be exposed to dripping or splashing water and no object filled with liquids such as vases shall be placed on the apparatus.

16. Do not overload wall outlet. Use only power source as indicated.

17. Use replacement parts as specified by the manufacturer.

18. The product may be mounted to a wall only if recommended by the manufacturer.

19. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.

20. Avoid installing this unit in places exposed to direct sunlight or close to heat radiating appliances such as electric heaters, on top of other stereo equipment that radiates too   much heat, places lacking ventilation or dusty areas, places subject to constant vibration and/or humid or moist areas.

21. Do not attempt to clean this unit with chemical solvents as this might damage the finish. Use a clean dry cloth.

22. Operate controls and switches as described in the manual. Before turning on the power, make certain that power cord is properly installed.

23. When moving the apparatus, be sure to first disconnect the power cord.

24. Use caution when wearing loose clothing or articles near the spinning turntable.

FCC & IC Information

FCC 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 inter- ference to radio communications. However, there is no guarantee that interference will not occur in a partic- ular 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.

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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equip- ment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC Warning

This device complies with Industry Canada license-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 inter- ference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts 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 sus- ceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by the party responsible for compliance could void the us- er's authority to operate the equipment. This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FLUANCE®

Serious Performance™

Thank you for your purchase of this Fluance® product.
We hope you enjoy your experience.

Questions?
Give us a chance to help, we're just a click away.

Fluance.com/center

Fluance.com/support

Fluance.com/contact

Don't forget to register your product with us!

Fluance.com/registration