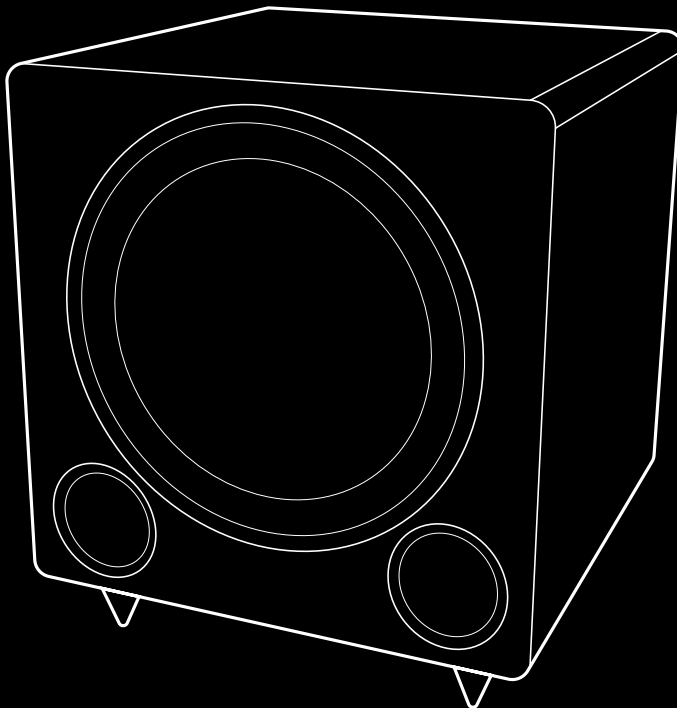


FLUANCE®

DB12 - 12" Powered Subwoofer

Quick Start Guide v3.1



Introduction

Thank you for your purchase of your Fluance product. We hope you enjoy your experience. If you have any questions please visit us at www.Fluance.com/support

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 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, resulting in better sound reproduction. We recommend 10-12 hours of play at moderate volume to achieve this.

For additional product information, please consult the manual at: Fluance.com/resources

Thank you for your purchase of this Fluance® product. We hope you enjoy your experience.
Questions? Give us a change to help, we're just a click away.



Fluance.com/resources



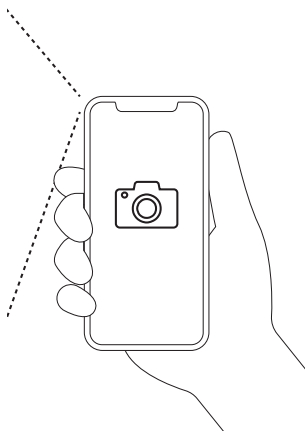
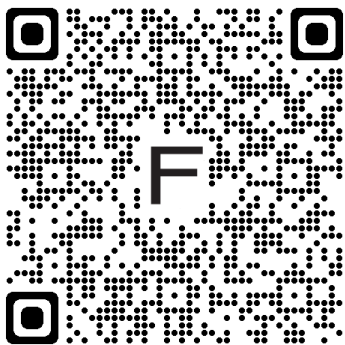
Fluance.com/support



Fluance.com/videos



Fluance.com/contact



Scan this QR code in your smartphone camera app to go directly to the support resources for this project.

WARRANTY INFORMATION

Fluance 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. Any refurbished products that are discontinued hold a 90 day warranty from the date of original purchase. Fluance warranties are valid for the original owner and are non-transferable.

Home Audio Passive Speakers: Lifetime Warranty

Active or 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).
- Defect or damage as a result of connecting a product to an outlet with the incorrect voltage. Voltage converters must be used where applicable.
- Consumable parts including, but not limited to, batteries, styli, and rubber belts.

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.

SAFETY 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 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.

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 equipment 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.

IC Warning

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

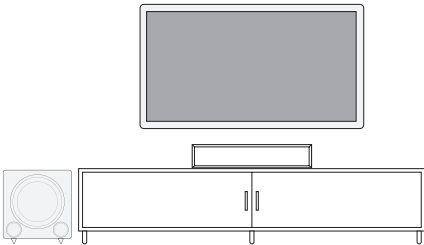
(1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

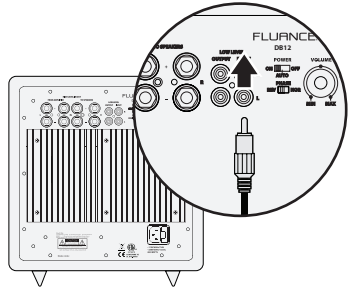
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FIRST TIME SET UP

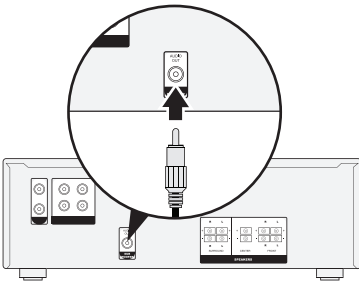
Step 1: Place the subwoofer in the most optimal position. *Fluance recommends having the woofer face the listener while being positioned near the front channel speakers in a corner if possible.*



Step 2: Attach the subwoofer cable to either the red or white Low Level Input on the DB12.

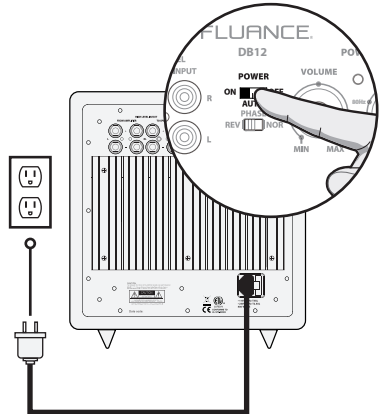


Step 3: Attach same subwoofer cable to the subwoofer output of your home theater receiver.



Step 4: Connect power cable to wall outlet. Set power switch to either ON or AUTO.

NOTE: This product requires a 120VAC, 60Hz power supply. A power convertor must be used if connecting to a 220-240VAC, 50Hz power supply.

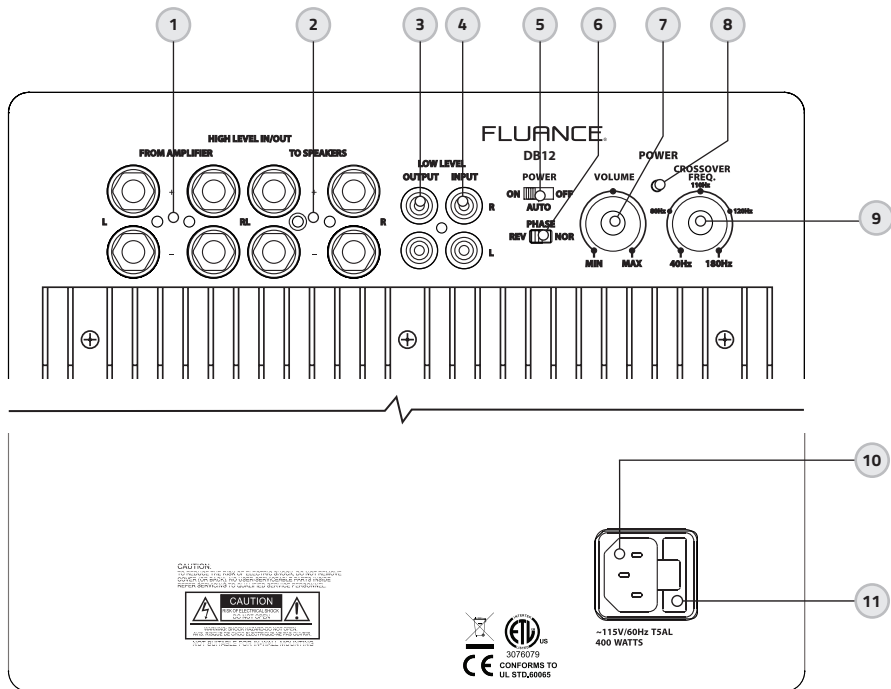


OPTIONAL STEPS:

Attach speaker wire to the speaker inputs of the subwoofer. Attach same speaker wire to the channel outputs of your choice on the home theater receiver. **Refer to receiver manual for setup instructions.**

An additional subwoofer can be added by connecting subwoofer wire from the Low Level Output on the DB12 to the additional subwoofer's inputs.

BACK PANEL LAYOUT



1. **Speaker Inputs** - Connect speaker wire to receive signal from home theater receiver.
2. **Speaker Outputs** - Connect speaker wire to transmit signal to passive speakers.
3. **Low Level Outputs** - Connect subwoofer cable to transmit signal to additional subwoofer.
4. **Low Level Inputs** - Connect subwoofer cable to receive signal from home theater receiver.
5. **Power** - ON / AUTO / OFF (AUTO: The subwoofer will power on automatically when it detects a signal from the home theater receiver.)
6. **Phase** - REVERSE / NORMAL (Adjust to ensure the DB12 is in phase with the rest of your speaker system. The DB12 will be in phase if the bass response sounds full and balanced.)
7. **Volume** - Adjust to increase/decrease the intensity of the sound emitted from the DB12.
8. **POWER** - Power LED indicator.
9. **Crossover** - Adjust to increase/decrease the frequency range of the DB12. The frequency range is less than 40Hz to 180Hz.
10. **Power Input** - 120V 60Hz
11. **Fuse** - T5AL250V

FREQUENTLY ASKED QUESTIONS

What is the purpose of the speaker wire inputs and outputs?

The speaker wire inputs can be used as an alternative to connect your DB12 to your home theater receiver, however, Fluance recommends using the Low Level input connected via subwoofer cable. Note: To connect passive speakers to the speaker outputs on the DB12 ensure the amplifier/home theater receiver is connected to the DB12 via speaker wire (not subwoofer cable).

What is the purpose of the Low Level outputs?

The Low Level outputs can be used to connect an additional powered subwoofer to your home theatre setup. Most receivers only have one subwoofer output so this feature allows the connection of an additional subwoofer.

How do I adjust the volume settings of the DB12?

The DB12 features a Volume setting that can increase/decrease the amplification of the subwoofer output.

How do I adjust the crossover settings?

The crossover settings can be adjusted via the crossover knob located on the back panel of the DB12. The crossover setting changes the cut off frequency for the subwoofer.

What is the auto setting and what are the parameters?

By selecting the AUTO setting the DB12 will automatically turn on when it detects a signal from the home theater receiver. The auto setting turns the subwoofer on when the frequency signal reaches a required voltage. A 100Hz signal requires 3mV and a 1KHz signal requires 5mv.

What is the phase setting and what is the optimal setting?

If your speaker system or DB12 is out of phase it means that the driver/woofer is moving in the opposite direction of the other drivers/woofers. This causes frequencies to be canceled out, which can result in a poor listening experience. By adjusting the phase setting of the DB12, you can ensure the DB12's woofer is moving in the same direction as your other speakers, which will result in a more pleasant listening experience.

What does the LED behavior mean?

Green LED = Power On
Red LED = Protection Mode

What is Protection Mode?

Amplifier Protection Mode is a shutdown state that amplifiers can enable to prevent serious damage to the unit or other components in the system. Protection Mode can be activated in two scenarios:

1. Unit is overheated - Ensure the area surrounding the DB12 is at room temperature, power off and unplug the power adapter.
2. The unit is not installed properly - consult the included quick start guide and manual, ensure no wires are touching.

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