



CLASSIC SERIES CSBT
User Guide

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Important Safety Instructions



1. This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
- Warning: To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
-The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.
2. ⚡ Caution-To prevent electric shock hazard, replace grille.
3. Do not install this equipment in a confined or building-in space such as a book case or similar unit, and remain a well ventilation conditions at open site. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
4. 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 objects filled with liquids, such as vases, shall not be placed on apparatus.
5. WARNING: The mains plug is used as disconnect device, the disconnect device shall remain readily operable.
6. ⚡ Protective earthing terminal. The apparatus should be connected to a mains socket outlet with a protective earthing connection.
7. ♻️ Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.
8. Read these instructions.
9. Keep these instructions.
10. Heed all warnings.
11. Follow all instructions.
12. Do not use this apparatus near water.
13. Clean only with dry a cloth.
14. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
15. Do not install near any heat sources, such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
16. 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 and 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.
17. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
18. Use only attachments/accessories specified by PreSonus.
19. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with this apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



20. Unplug this apparatus during lightning storms or when unused for long periods of time.
21. Servicing is required when the apparatus has been damaged in any way, such as if a power-supply cord or plug is damaged; or liquid has been spilled, or objects have fallen, into the apparatus; or if the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. All PreSonus products in the USA should be serviced at the PreSonus factory in Baton Rouge, Louisiana. If your product requires a repair, contact support@presonus.com to arrange for a return-authorization number. Customers outside the USA should contact their local distributor. Your distributor's contact information is available at www.presonus.com.
22. The apparatus shall be connected to a Mains power outlet with a protective grounding/earthing connection.
23. Where the Mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

Introduction

Thank you for choosing the Classic Series C5BT Bluetooth enabled near field studio monitors.

Fluid Audio may not seem like a house-hold name but the founders of the company have been designing speakers for over 23years. They are also songwriters and musicians just like you and know exactly what is needed for tracking and mixing great music. Now, after painstaking tuning and voicing, Fluid Audio is proud to present our first hybrid monitor, the C5BT.

The C5BT monitor has a pedigree of making music in professional studios, coming from the likes of other Fluid monitors like the F5 and FX8. However, with the C5BT we set out to create a great sounding monitor that could be used at home or the office as well. Whether you're watching a movie, streaming music on the web, or just listening to your favorite downloaded tracks on your phone, you want an accurate reproduction of what the mix engineer intended. For this, you need a speaker with a well-balanced frequency response - so you won't hear any frequency louder or softer than any other, but also one that images well. What is imaging? When you listen to music, and close your eyes, can you picture where the instruments are on the "virtual stage"? If you can, you have speakers that image very well-like the Classic Series C5BT monitors.

Not only do the C5BT's provide a clearer view into the music you are listening to (or perhaps making) they also overcome many of the limitations found in many other speakers. Using quality speaker drivers and employing a sophisticated crossover network, they sound clear and transparent. From Pro engineers at commercial studios to listening to your favorite music or movies at home, the C5BT sets a new, affordable standard in monitoring.

What's inside?

Your Fader Series C5BT box contains:

- One pair (2) C5BT studio monitors
- Bare connection wire
- Detachable AC power cord
- This users guide
- Acoustic isolation pads

Classic Series C5BT Features

1.Woofer

The woofer driver is 5"(127mm) in diameter and utilizes a low distortion magnet structure. That magnet drives a high temperature voice coil, which is mounted to a poly coated, paper pulp cone. The cone is anchored to the frame with a pliant butyl rubber surround which minimizes high frequency resonant peaks that may be transmitted from the cone. Although many claim to use "space age" materials in their cones, since the 1920's, the most popular material for woofer cones has been paper pulp. Why? Not only it's great strength-to-weight ratio, but because of its excellent damping characteristics - leaving the woofer to reproduce pure tones, not the ringing resonances.

2.Tweeter

Using an efficient 25mm PEI diaphragm with magnet shielding, the C5BT tweeter provides extended high-frequency response while keeping a very natural sound character. Mounted to a specially designed wave guide, the tweeter is able to be crossed over at a lower frequency -creating better off-axis response and more output across the mid-band of the device.

3.Bass-Reflex Rear Port

The opening on the rear plate is the bass-reflex vent port. It is designed to effectively tune the speaker cabinet to a certain frequency, and maximize the bass output of the speaker. It is flared in order to minimize air turbulence, and thereby, audible distortion.

4.Enclosure

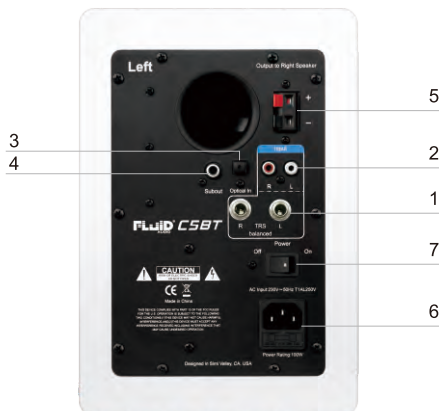
The enclosure design of the C5BT has a very important role in shaping the overall sonic response of the speaker. Besides being made of acoustically efficient MDF material, it is also reinforced by internal bracing to ensure solid bass response. The tweeter wave guide not only "guides" the high frequency energy to maximize off axis coverage, but also pushes the tweeter back slightly, allowing for time alignment with the woofer.

5. Amplification and Crossover Network

The amplifiers for both speakers are housed in the single, left channel enclosure. The amplifier is Class A/B architecture and provides 40 watts total power to the drivers (20 per channel). Combined with phase-optimized crossover networks, the drivers blend together, resulting in a coherent soundstage across the entire audio spectrum.

Front and Rear Panel Features

Rear Panel Features



1. TRS INPUT: This jack accepts 1/4" connections with either balanced or unbalanced wiring.

For balanced wiring, a three-conductor TRS plug is necessary. The input wiring of a TRS connector should be as follows:

- TRS TIP signal positive (+)
- TRS RING signal negative (-)
- TRS SLEEVE signal ground (shield)

Unbalanced 1/4" wiring can be done with either a two- or three-conductor (TS or TRS) plug. A two-conductor (TS) plug automatically grounds the signal negative input, whereas a three-conductor (TRS) plug, wired unbalanced, provides the option of leaving the negative input open or grounded. We recommend that you ground the unused negative input (this can be done by wiring the ring and sleeve of the TRS plug together).

The TRS input is summed through a balanced input amplifier with the XLR input, allowing both inputs to be used simultaneously. Input specifications apply to both.

2. RCA INPUT: This jack accepts RCA input connections with unbalanced wiring

3. OPTICAL INPUT: This jack accepts Optical (or TOSLINK) input connection, so you can use a completely digital connection.

4. SUBWOOFER OUT: This RCA output can be connected directly to a powered subwoofer (such as the F8S) for better bass output and extension.

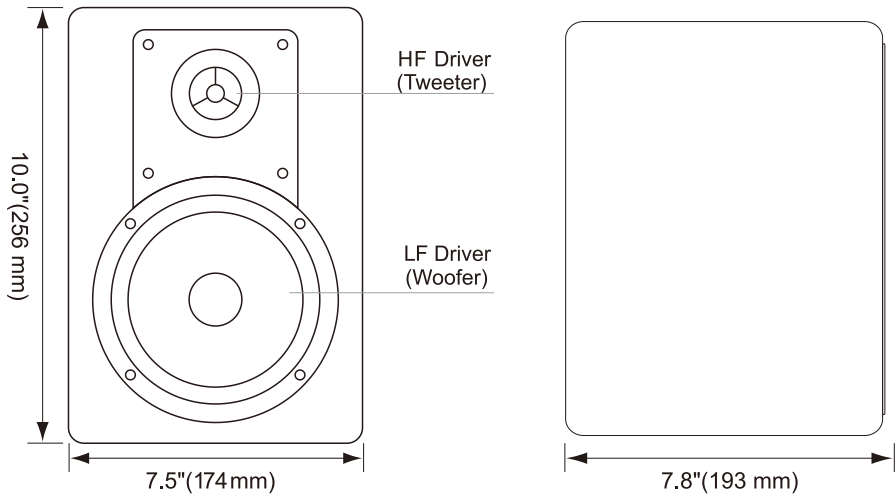
5. OUTPUT TO RIGHT CHANNEL: Connect the included bare connection wire to here and your right channel speaker.

6.**AC POWER SOCKET:** The included AC power cord must be plugged in here, and to the wall socket in order to power the monitor. (The internal power supply should be already set to match the "house supply" (receptacle) voltage of the country or location in which the speaker will be used).

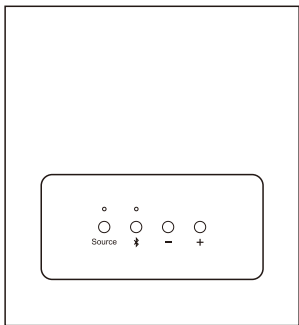
7.**POWER SWITCH:** This switch turns the monitor on and off.

Front Panel Features

Fader Series C5 Monitor



Top Panel Features



- 1. **SOURCE SELECT:** Pushing this allows you to select the input on the rear panel: RCA, TRS or Optical.
- 2. **BLUETOOTH PAIR BUTTON:** Pushing this engages the pairing sequence, and blinks until a Bluetooth source is found.
- 3. **VOLUME DECREASE (-):** Decreases the sound output level in increments of 1.25dB per click.
- 4. **VOLUME INCREASE (+):** Increases sound output level in increments of 1.25dB per click.

Installation

For optimal performance of your C5BT monitors, please read the following thoroughly and carefully prior to installation.

Precautions

Handling: Please do not touch the speaker cones. The C5BT speakers are tightly pair-packed, so your attention is required when taking them out of the box. To avoid possible damage to the speaker units, hold both sides of the monitor while pulling it out of the box. The speaker cones should not be touched in order to avoid damage even after they are out of the box.

Correct Power Operation: Since the C5BT monitor contains its own amplifier, it must be connected to a power outlet using the AC cable on the rear panel.

WARNING!

Connections: You can connect either a TRS balanced/unbalanced cable or RCA unbalance cable from the input of C5BT to your corresponding preamp, interface or mixer outputs. We recommend that you use high-quality balanced or unbalanced cables for input connections. Also, always turn off the power of the C5BT and turn the volume to a minimum before making the necessary connections.

Usage: All Fluid studio monitors are designed to be used on flat, counter-top surfaces. They were not designed or intended to be suspended, "flown" or mounted by screws, straps or the like. Fluid Audio is not responsible for anything resulting from such use.

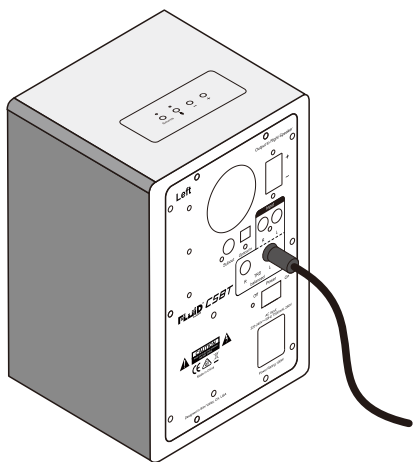
Caution: Never remove the rear panel of these powered monitors. To do so could result in electric shock. A qualified technician should perform any repair or service to the electronics.

Hearing protection: This product is capable of producing sounds at a level that could be damaging to hearing and result in permanent hearing loss over an extended period of time.

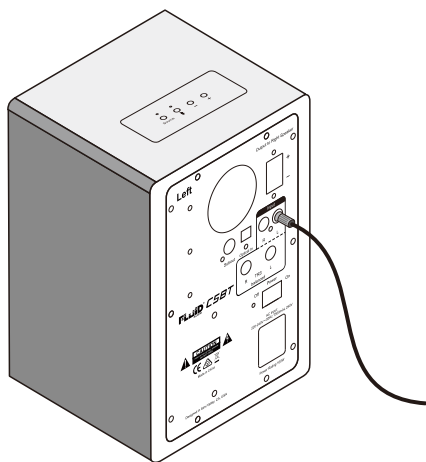
TRS Balanced/Unbalanced Connection

Assure that the power switch of the C5BT is turned off and that the volume control of the C5BT is turned down to a minimum. Connect the male end of a TRS balanced or TS unbalanced cable to the TRS input of the C5BT monitor.

(Refer to the following diagram for TRS connection)



1/4" TRS Balanced or Unbalanced Connection

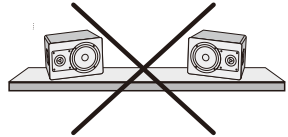
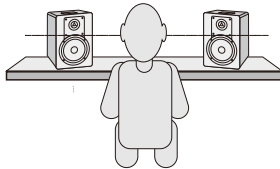
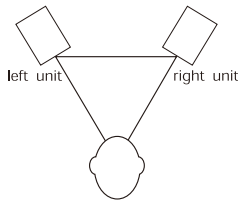


RCA Unbalanced Connection

C5BT Orientation and Listening position

Placement of the speakers is one of the most important procedures in order to monitor sound accurately. To monitor with the C5BT's performing to their maximum capability, an appropriate listening environment and correct placement are required. Please refer to the following for correct C5BT placement.

- 1.The two speakers and the listener should basically align to form a regular triangle. Refer to the diagram below.
- 2.Position the monitors so that the space between the woofer and tweeter is level with your ears in a normal listening environment. As seen in the diagram below.
- 3.Place the C5BT's vertically with the woofer on the bottom. Placing the C5BT's horizontally is not recommended.



Remarks: DO NOT place any obstacles that may block the flow of air in front or between the monitors. Also remove reflective materials such as glass, mirrors or metal from the monitoring environment. PLACE THOSE MATERIALS AWAY FROM THE PATH OF THE SOUND FROM THE C5BT MONITORS.

Warranty

Warranty Terms

Fluid Audio warrants products to be free from defects in materials and workmanship, under normal use and provided that the product is owned by the original, registered user. Contact local retailer or place of purchase for terms and limitations applying to your specific product.

Warranty Registration

Immediately registering your new Fluid Audio product entitles you to full warranty coverage and helps Fluid Audio develop and manufacture the finest quality products available.

Connecting to Preamp or Computer Outputs

Before connecting, make sure the output device's power has been turned off. Plug the TRS balanced or TS unbalanced or RCA cable to the corresponding output connectors of a pre- amplifier, computer or game console.

Appendix A – Technical Specifications

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.



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For company and product
information, please visit us
on the web at
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