

behringer  
**C50A Active 30  
Watt Range  
Reference Studio  
Monitor**



# behringer C50A Active 30 Watt Range Reference Studio Monitor User Guide

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**behringer C50A Active 30 Watt Range Reference Studio Monitor**



## Important Safety Instructions

- Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute a risk of electric shock. Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installations or modifications should be performed only by qualified personnel.
- This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.
- This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.

### Caution

To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user-serviceable parts inside. Refer servicing to qualified personnel.

- **Caution**

To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.

- **Caution**

These service instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

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. Use only 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 a 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. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
17. Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office or your household waste collection service.
18. Do not install in a confined space, such as a bookcase or similar unit.
19. Do not place naked flame sources, such as lighted candles, on the apparatus.
20. Please keep the environmental aspects of battery disposal in mind. Batteries must be disposed of at a battery collection point.
21. This apparatus may be used in tropical and moderate climates up to 45°C.

#### **LEGAL DISCLAIMER**

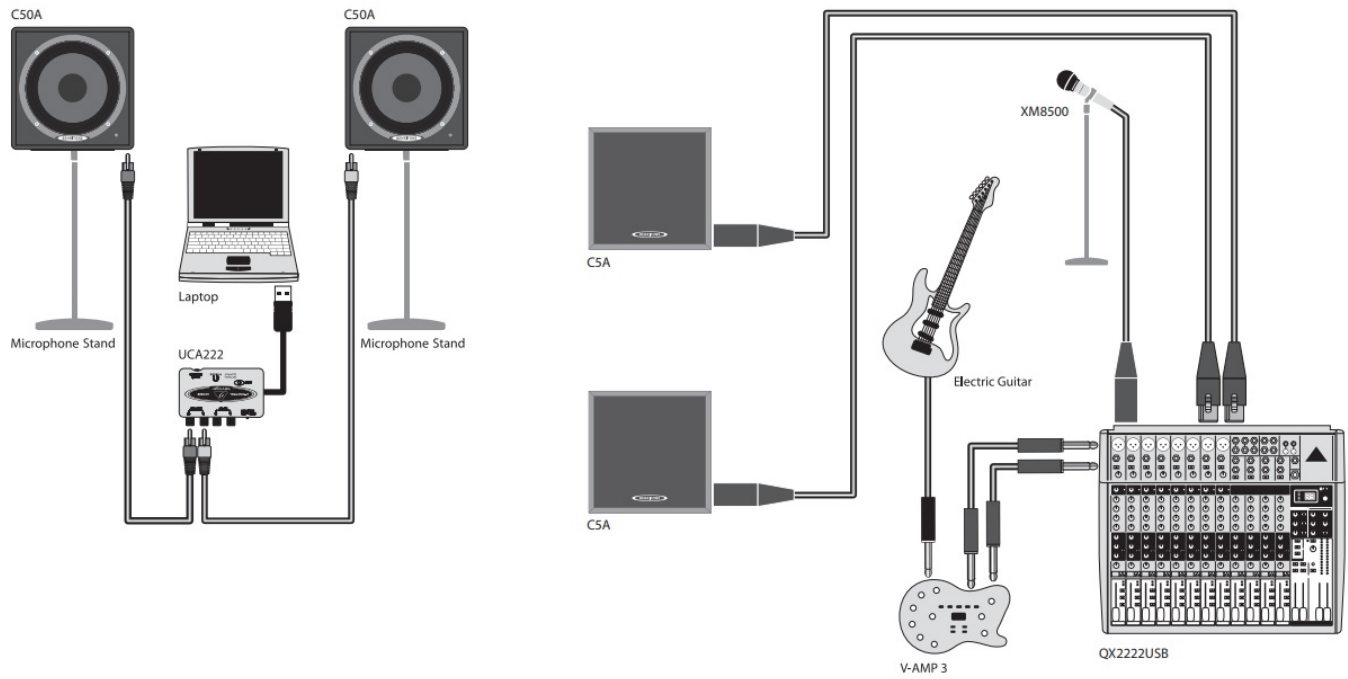
Music Tribe accepts no liability for any loss that may be suffered by any person who relies either wholly or in part upon any description, photograph, or statement contained herein. Technical specifications, appearances and other information are subject to change without notice. All trademarks are the property of their respective owners. Midas, Klark Teknik, Lab Gruppen, Lake, Tannoy, Turbosound, TC Electronic, TC Helicon, Behringer, Bugera, Aston Microphones, and Coolaudio are trademarks or registered trademarks of Music Tribe Global Brands Ltd. © Music Tribe Global Brands Ltd. 2024 All rights reserved.

#### **LIMITED WARRANTY**

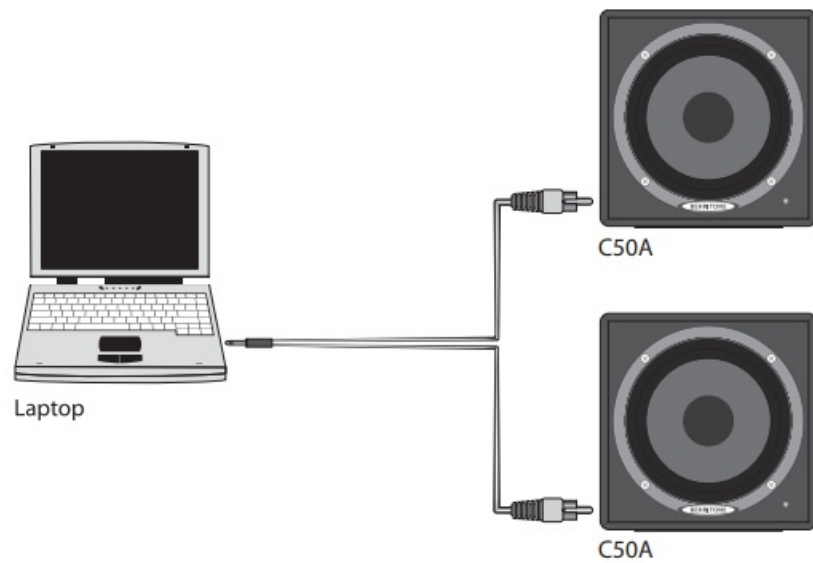
For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at [community.musictribe.com/support](https://community.musictribe.com/support).

#### **C5A/C50A Hook-up**

## Step 1: Hook-Up

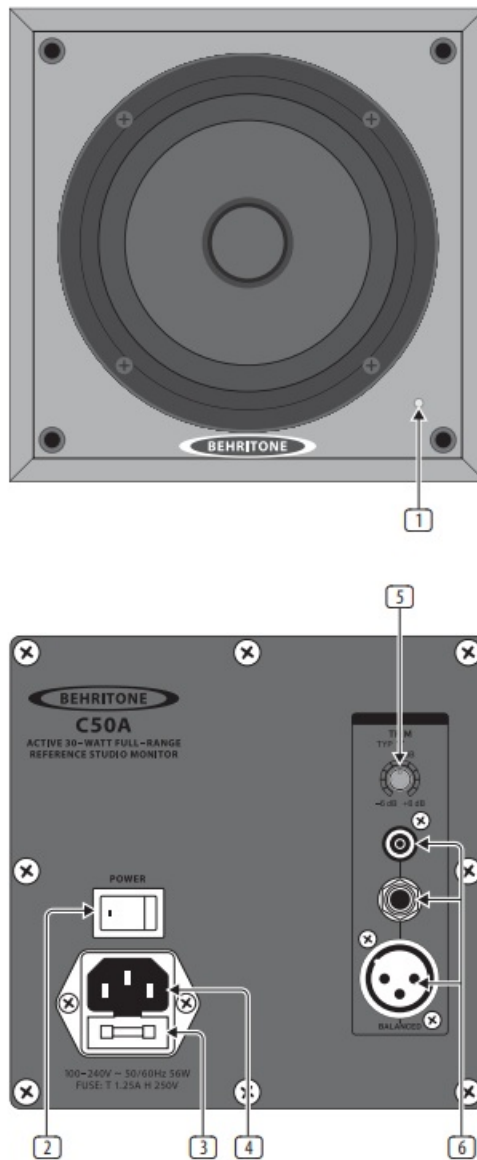


## Computer Monitoring



## C5A/C50A Controls

- Step 2: Controls



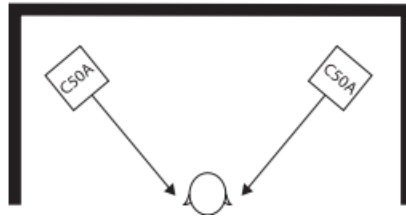
## C5A/C50A Controls

1. **STATUS LED** lights blue when power is connected to the monitor and the POWER switch is turned on. It also lights purple when the internal limiter is automatically engaged.
2. POWER SWITCH turns the monitor on and off. The STATUS LED lights blue when the power is turned on.
3. FUSE compartment contains the fuse.
4. POWER SOURCE accepts the included power cable to connect to a mains outlet.
5. INPUT TRIM adjusts the monitor's input sensitivity to the audio source signal. If the STATUS LED lights are purple, reduce the INPUT TRIM.
6. INPUT connects a line-level audio source using XLR or 1/4" balanced cables. The RCA input is unbalanced.

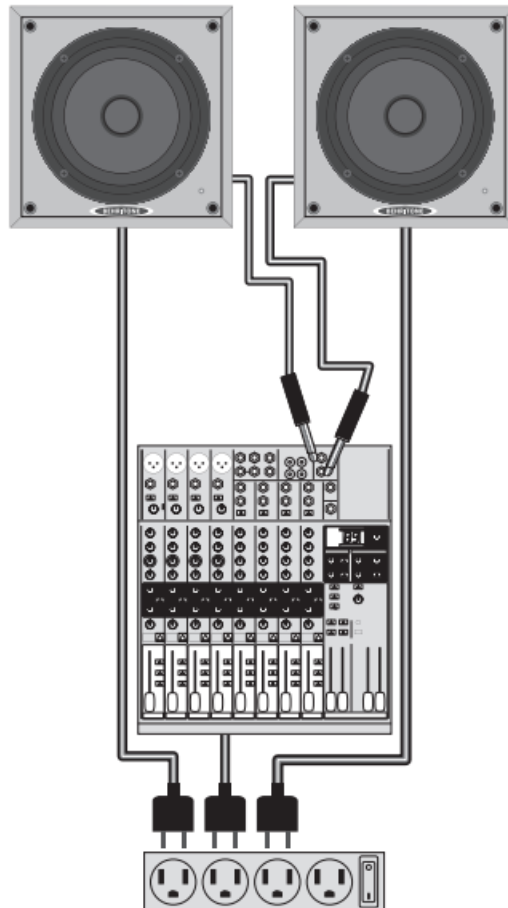
## C5A/C50A Getting started

### Step 3: Getting started

1. Place the monitor speakers at head level, unobstructed and at equal distances to the left and right of your listening position. They may also be mounted on microphone stands with a 5/8" adapter. For mono listening, place one speaker directly in front of you.



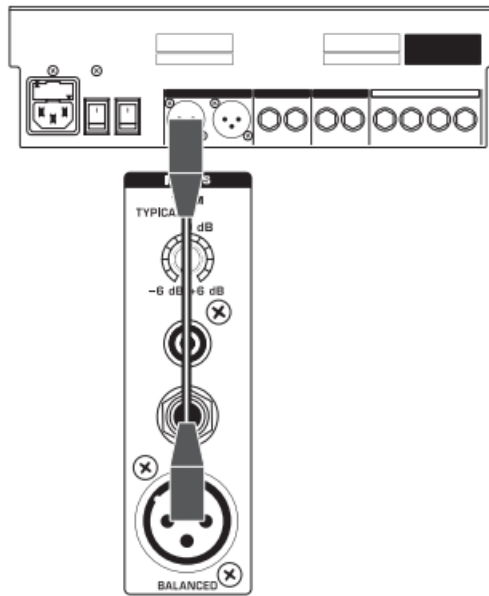
2. Connect the included power cables to each monitor speaker. Connect the other end to a mains outlet properly configured for your particular model. DO NOT turn the power on yet! If possible, connect both monitor speakers and the mixer to the same outlet to avoid ground loops.



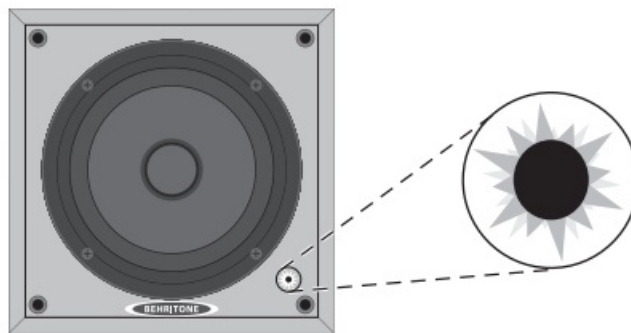
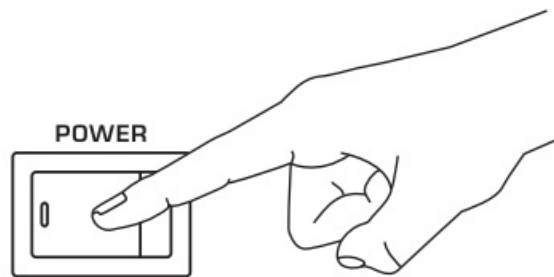
3. Connect the audio source to the inputs of the monitor speakers. If connecting to a mixer, the main XLR outputs or control room outputs from the mixer are preferable. You may also connect the audio outputs from a computer using an interface such as the UCA222.

### **C5A/C50A Getting started**

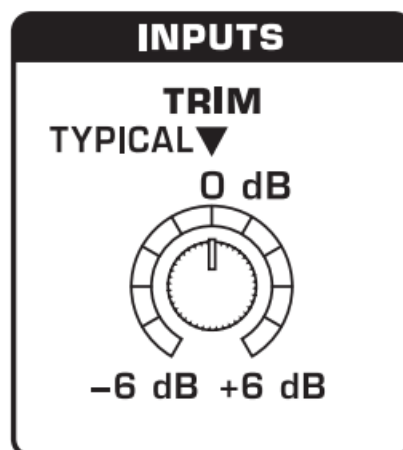
#### **Step 3:** Getting started



4. Turn on your mixer, computer, or other audio source.
5. Turn on the power to each speaker by flipping the power switch. This is located on the back panel.



6. Adjust the INPUT TRIM knob on the back of each monitor to the center (0 dB) position.



7. Start playing your audio source and slowly increase the volume until you reach a comfortable listening level.

## Specifications

Audio Inputs	
XLR connector	Balanced input
¼" TRS	Balanced input
RCA	Unbalanced input
Input impedance	10 kΩ
Input trim	−6 dB to +6 dB
Max. input level	+20 dBu
Transducer	
Full-range driver	5 ¼" speaker
Amplifier Output Power	
RMS @ 1 % THD (sine wave)	30 W @ 8 Ω
Peak power	36 W @ 8 Ω
System Specification	
Frequency range	
C50A	90 Hz to 17 kHz
C5A	150 Hz to 15 kHz
Power Supply	
Fuse	
100 - 240 V~, 50/60 Hz	T 1.25 A H 250 V
Power consumption	56 W
Mains connection	Standard IEC connector
Dimensions/Weight	
Dimensions (H x W x D)	
C50A	165 x 165 x 197 mm (6.5 x 6.5 x 7.8")
C5A	165 x 165 x 200 mm (6.5 x 6.5 x 7.9")
Weight	
C50A	7.7 lbs / 3.5 kg
C5A	7.3 lbs / 3.3 kg

## Other important information

### Important information

#### Register online.

Please register your new Music Tribe equipment right after you purchase it by visiting [musictribe.com](https://musictribe.com). Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently. Also, read the terms and conditions of our warranty, if applicable.

#### Malfunction. Should your

Music Tribe Authorized Reseller not be located in your vicinity, you may contact the Music Tribe Authorized Fulfiller for your country listed under “Support” at [musictribe.com](https://musictribe.com). Should your country not be listed, please check if your problem can be dealt with by our “Online Support” which may also be found under “Support” at [musictribe.com](https://musictribe.com). Alternatively, please submit an online warranty claim at [musictribe.com](https://musictribe.com) BEFORE returning the product.

#### Power Connections.

Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model. Faulty fuses must be replaced with fuses of the same type and rating without exception.

## FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION



- Behringer C5A/C50A
- **Responsible Party Name:** Music Tribe Commercial NV Inc.
- **Address:** 122 E. 42nd St.1, 8th Floor NY, NY 10168, United States
- **Email Address:** [legal@musictribe.com](mailto:legal@musictribe.com)

## FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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 the receiver.
- Connect the equipment to 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.
- Consult the dealer or an experienced radio/TV technician for help.


This equipment 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.






**Important information:** Changes or modifications to the equipment not expressly approved by Music Tribe can void the user's authority to use the equipment.

We Hear You

## Documents / Resources

	<p><a href="#">behringer C50A Active 30 Watt Range Reference Studio Monitor</a> [pdf] User Guide  C50A Active 30 Watt Range Reference Studio Monitor, C50A, Active 30 Watt Range Reference Studio Monitor, Range Reference Studio Monitor, Reference Studio Monitor, Studio Monitor, Mo  nitor</p>
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## References

-  [Music Tribe](#)
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- [User Manual](#)

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