



# behringer B1C All-In-One Portable 200 Watt Bluetooth Speaker User Guide

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## Important Safety Instructions

### CAUTION



RISK OF ELECTRIC SHOCK DO NOT OPEN



Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of

electric shock.

Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modification 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 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. A grounding-type plug has two blades and a third grounding prong. The wide blade or 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.
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. 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 book case or similar unit.
19. Do not place naked flame sources, such as lighted candles, on the apparatus.
20. This apparatus may be used in tropical and moderate climates up to 45 °C.



Warning

21. Don't replace a battery that can defeat a safeguard;

Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;

Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

Attention should be drawn to the environmental aspects of battery disposal.

Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

## LEGAL DISCLAIMER

Music Tribe accepts no liability for any loss which 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 trade marks of Music Tribe Global Brands Ltd.© Music Tribe Global Brands Ltd. 2022 All rights reserved.

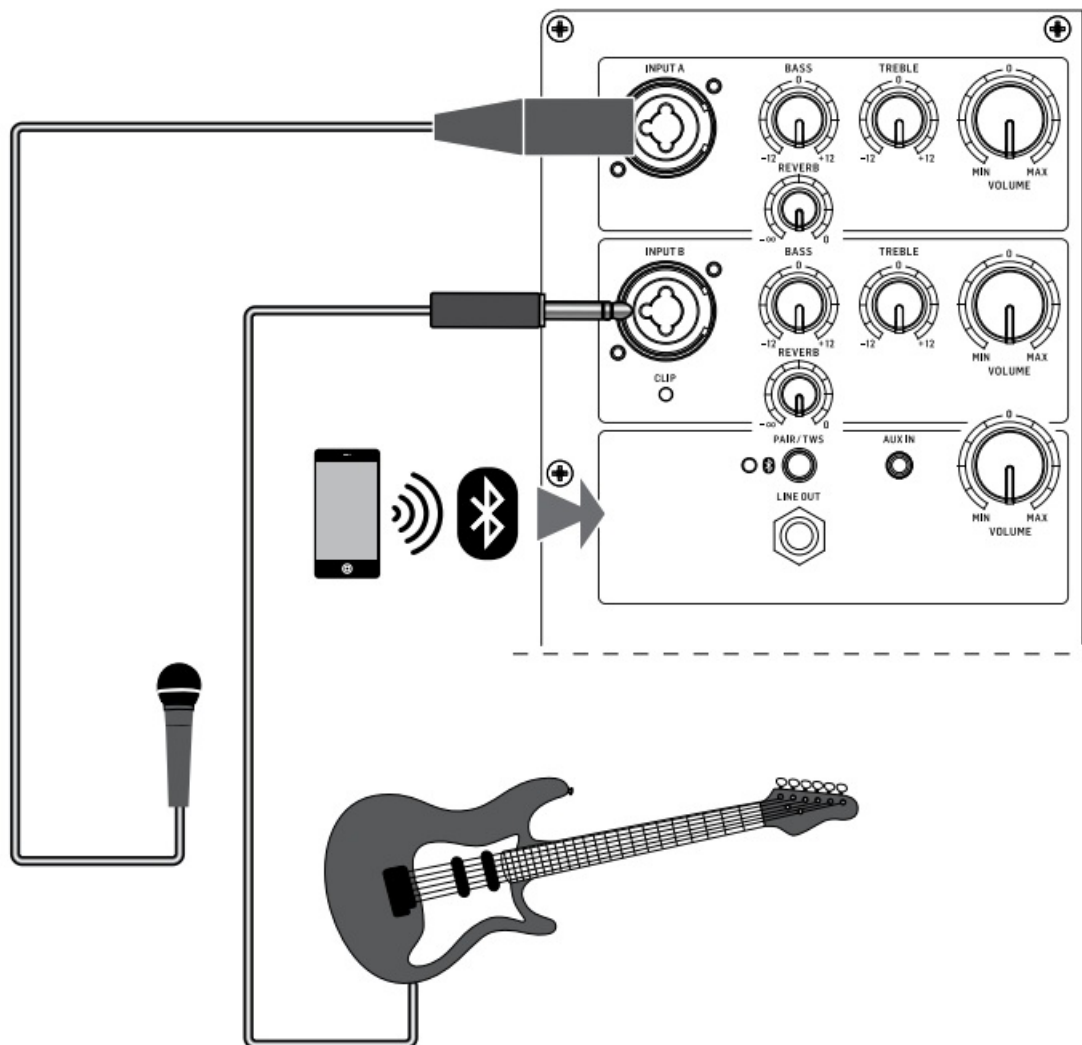
## LIMITED WARRANTY

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/pages/support#warranty](https://community.musictribe.com/pages/support#warranty).

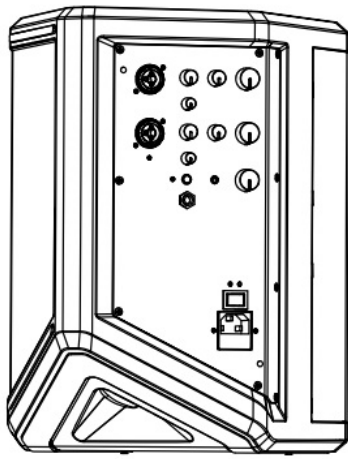
## B1C Hook-up

### Step 1: Hook-Up

Singer-songwriter hookup with a smartphone streaming audio over Bluetooth.



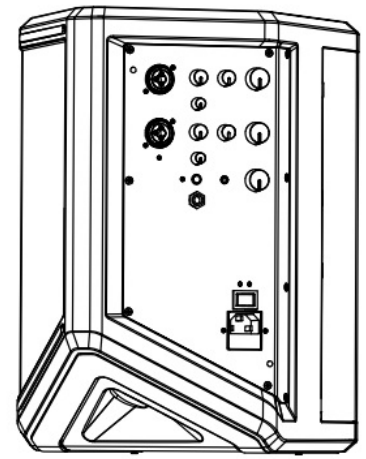
True Wireless Stereo (TWS) streaming audio over Bluetooth



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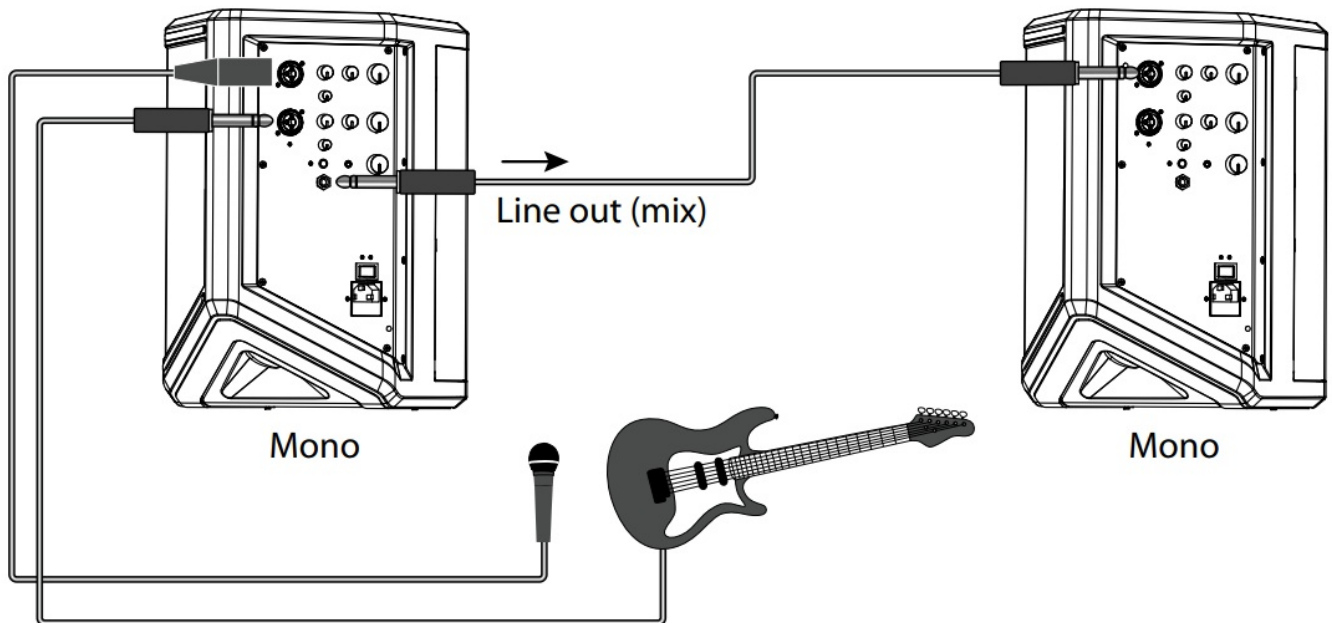


TWS

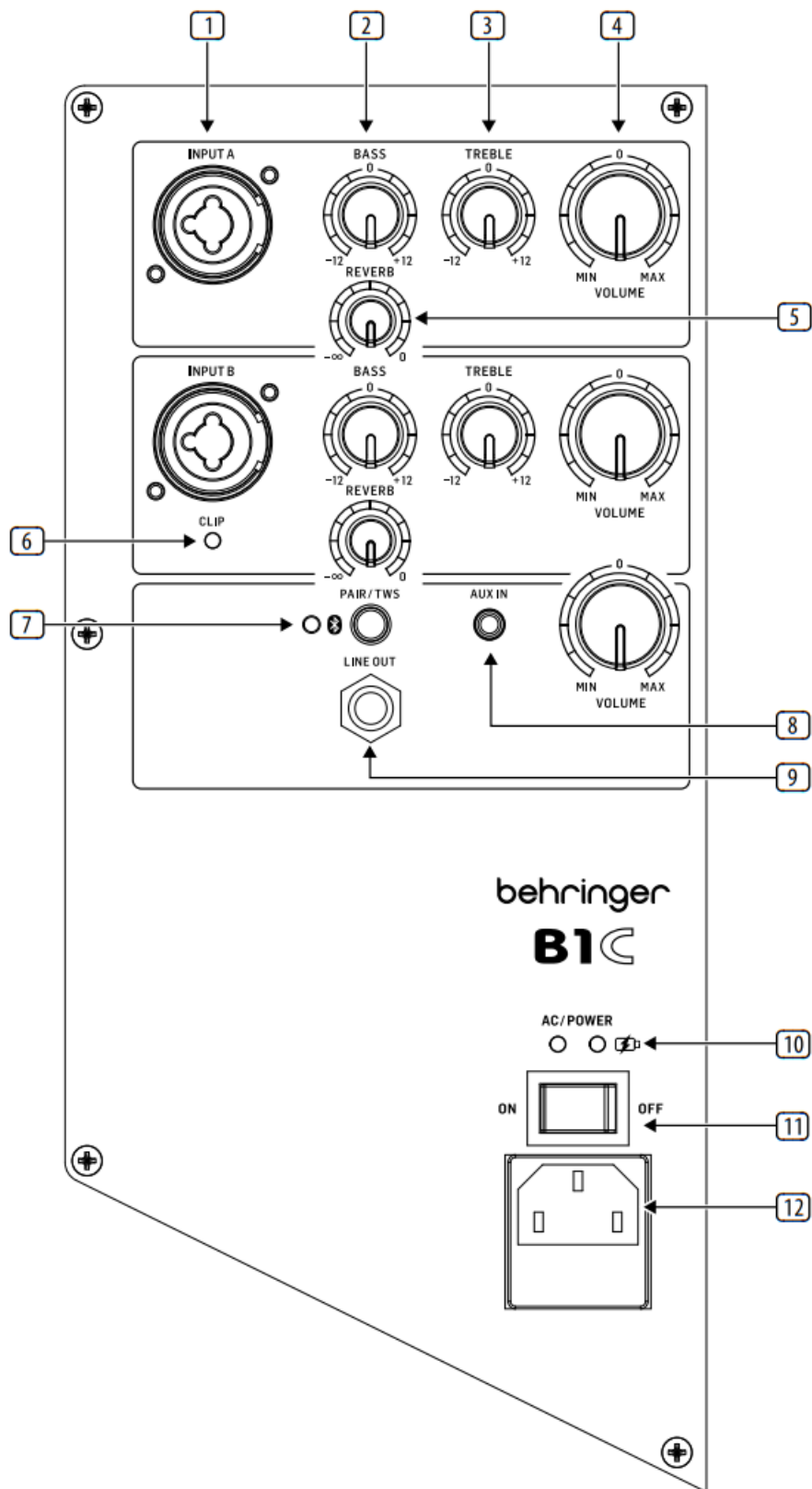


R

LINE OUT sends the mono mix to other speakers



**B1C Controls**



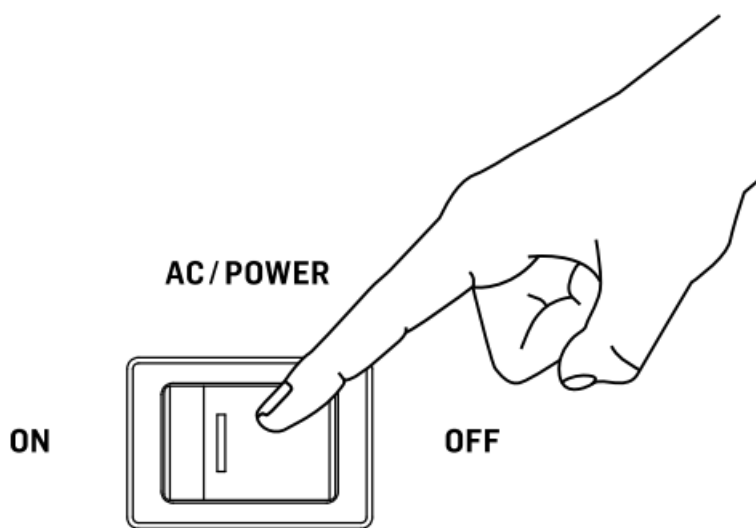
## Step 2: Controls

1. INPUT A/B combo jacks accept input signals over XLR balanced, 1/4" TRS balanced, or 1/4" TS unbalanced connectors.
2. BASS control cuts and boosts the level of the low frequency range.
3. TREBLE control cuts and boosts the level of the high frequency range.
4. VOLUME control adjusts the volume level of the input.
5. REVERB control adjusts the level of reverberation.

6. CLIP LED turns on when the level of the audio signals going into any input is too high.
7. PAIR/TWS use to pair the B1C with a Bluetooth device and to pair with another B1C for true wireless stereo operation (TWS). The LED shows the status.
8. AUX INPUT 3.5 mm stereo input jack.
9. LINE OUTPUT jack sends a combined signal from all inputs, out over a balanced TRS connection.
10. AC/POWER LEDs show on/off status and battery status.  
The left LED indicates power on/off (Amber)  
The right LED indicates battery status:  
Green solid: battery is full Green flashing: battery charging Red: battery is low
11. AC/POWER switch turns the unit ON and OFF. When ON, the B1C will run on AC power if the power cord is connected to a live AC power source, or it will run on internal battery power.
12. POWER SOURCE jack accepts the included IEC cable. Only use the supplied cable.

## B1C Getting Started

1. Connect the B1C to a power outlet by using the included IEC power cable. This will also charge up the internal battery.
2. Connect all analog microphone and/or instrument cables to their respective input jacks. Make sure all outboard audio gear is switched off for now.
3. Power up the B1C by pressing the AC/ POWER switch to the “on” position. If the AC power is not connected, the B1C will run on internal battery power.



4. Reduce the volume by rotating all the VOLUME knobs counter-clockwise.
5. Power up any outboard audio gear connected to the B1C.
6. Raise the volume back up to a low-to medium setting.
7. Speak or sing into each microphone and play your instrument while raising the respective volume level (A or B) until you find a comfortable gain level that does not distort the audio signal. Please avoid clipping the input signal.
8. If you intend to stream Bluetooth audio, go to the Bluetooth Streaming section of this Quick Start Guide and follow the setup instructions.
9. Set Bluetooth levels by adjusting the VOLUME until you find a comfortable level. Do not forget to turn on the volume on the sending BT device.



10. Adjust the Bass, Treble, and Reverb settings as needed.
11. Make final volume adjustments.

## Bluetooth Connection

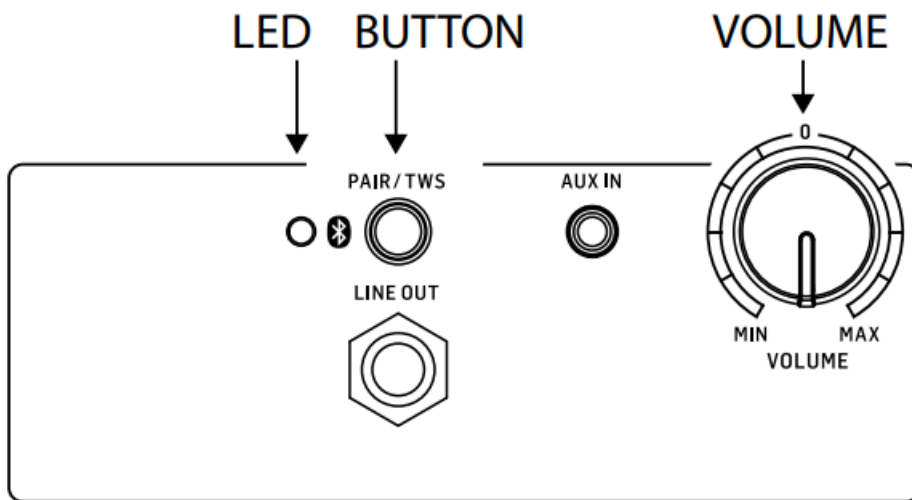
To stream audio from a Bluetooth-enabled device, you will need at least one B1C speaker and an iPad\*/iPhone/Android\*/Windows\* device with basic Bluetooth connectivity.

**Note:** When the AUX input is connected, it takes priority over Bluetooth. Disconnect any AUX input if you want to use Bluetooth.

\*iPad and Apple are trademarks of Apple Inc. Android is a trademark of Google Inc. Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

### Bluetooth Streaming

To stream Bluetooth audio with any Bluetooth device (iPad/iPhone/Android/Windows, etc.):



### Single Speaker Operation

1. Enable Bluetooth on your remote device/smart phone.
2. Switch on your B1C speaker and minimize the volume.
3. Press the PAIR button on the B1C speaker.
4. Check that your remote device is searching for a connection.
5. Once your device detects the B1C speaker, select it from your remote device's menu (for example "B1C").
6. Bluetooth music can now be streamed to your B1C. The stereo signal will automatically mix down to mono.
7. The B1C speaker LED flashes on and off during pairing. It is solid when connected and playing. It turns off if it fails to pair.
8. To unpair, press the PAIR button again.

### Two Speaker Operation (TWS true wireless stereo)

**Note:** in TWS mode, only the Bluetooth signal is transmitted to the second speaker.

1. Turn on both B1C speakers.
2. Press the PAIR button for more than 2 seconds on the first speaker (A). This will become the left channel for stereo music.
3. Press the PAIR button for more than 2 seconds on the second speaker (B). This will become the right channel for stereo music.

4. Speaker A's Bluetooth LED will flash quickly when ready for pairing, and speaker B's LED will be solid when TWS pairing is successful.
5. Find the correct B1C name on the remote device and connect.
6. Both speaker's Bluetooth LEDs will light solid after connecting successfully to the remote device.
7. When streaming music to the speakers, the speaker B's (right channel) LED will be solid, and speaker A's (left channel) LED will flash slowly
8. To unpair from TWS, press the PAIR button for more than 2 seconds on speaker A or speaker B, and the two speakers will unpair TWS from each other.

### Multiple Speaker (Mono) Operation

The Line output from each B1C speaker is a mix of all its inputs. It can be connected to an input of the next B1C speaker in line. All speakers will play in mono.

### Specifications

Maximum output power	200 W*
Type	Class-D
Protection	Short circuit, open circuit, thermal

Woofers	1 x 6.5"
Tweeter	1 x 1" dome
Frequency response	60 Hz – 20 kHz (±3 dB)
Maximum SPL, 1m	106 dB
Crossover	2-way, active
Crossover frequency	2.5 kHz
Limiter	Independent HF, LF

Inputs	2 x XLR / ¼" TRS combo jacks, Aux 3.5 mm stereo, B T
Impedance	TRS 0.86 MΩ, XLR balanced 1 kΩ
Sensitivity	0 dBu (input volume set to mid)
Max. input level	+18 dBu
Aux in	10 kΩ, unbalanced
Output	1 x TRS unbalanced
Impedance	220 Ω
Max. output level	+18 dBu

Volume	Max to min, input A, input B, Aux/BT
FX	Reverb $-\infty$ to 0
EQ bass	$\pm 12$ dB @ 100 Hz, shelving
EQ treble	$\pm 12$ dB @ 10 kHz, shelving
EQ crossover	High/low pass, 12 dB/Oct

Frequency range	2402 MHz ~ 2480 MHz
Channel number	79
Version	Bluetooth 5.3 compliant
Maximum Output Power	$\leq 6$ dBm
Compatibility	Supports GATT, A2DP 1.2 profiles
Maximum communication range	30 m (without interference)
Connectivity	Stereo pairing link (TWS)

Voltage	100-240 V~, 50/60 Hz (fuse T2 AL/250 VAC internal)
Power consumption @ 1/8 max power	60 W
Mains connection	Standard IEC receptacle
Battery	Lithium, 4000 mAh, 14.8V

Dimensions (H x W x D)	362 x 240 x 290 mm (14.3 x 9.4 x 11.4")
Weight	7.2 kg (15.9 lbs)

\*Independent of limiters and driver protection circuits.

\*\*The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc., and any use of such marks by Music Tribe is under license.

## Other important information

### Important information

1. 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.
2. 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.
3. 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

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)

### B1C

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 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.

### Caution!

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. Such modifications could void the user authority to operate the equipment.

FCC RF Radiation Exposure Statement:

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



Hereby, Music Tribe declares that this product is in compliance with Directive 2014/53/EU, Directive 2014/30/EU, Directive 2014/35/EU, Directive 2011/65/EU and Amendment 2015/863/EU, Directive 2012/19/EU, Regulation 519/2012 REACH SVHC and Directive 1907/2006/EC.

Full text of EU DoC is available at <https://community.musictribe.com/>

EU Representative: Music Tribe Brands DK A/S

Address: Gammel Strand 44, DK-1202 København K, Denmark


UK Representative: Music Tribe Brands UK Ltd.

Address: 8th Floor, 20 Farringdon Street, London EC4A 4AB, United Kingdom



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## Documents / Resources

	<p><a href="#">behringer B1C All-In-One Portable 200 Watt Bluetooth Speaker</a> [pdf] User Guide QWHB1C, QWHB1C b1c, B1C, B1C All-In-One Portable 200 Watt Bluetooth Speaker, All-In-One Portable 200 Watt Bluetooth Speaker, Portable 200 Watt Bluetooth Speaker, 200 Watt Bluetooth Speaker, Bluetooth Speaker, Speaker</p>
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## References

- [User Manual](#)