DROP

DROP BMR1 V2 NEARFIELD MONITORS
USER MANUAL

The Drop BMR1 Nearfield Monitors re-imagine whats possible from a computer speaker. Our goal was to design a compact speaker that would be easy to place onto a crowded desktop and deliver surprisingly good performance. The BMR1 gets its name from the Balanced Mode Radiators used to produce the sound.

These transducers are similar to dynamic drivers however they combine bending wave mode technology with pistonic motion to create full audio range, wide directivity speaker drivers for lifelike sound reproduction. Use them to bring class-leading intelligibility to your products and wide coverage throughout the room. This enable the speakers to still sound great when used horizontally or positioned off axis from the listener.

Below the BMR transducer is a pair of force canceling passive radiators which enable the BMR1 to sound larger than it looks. The symmetrically opposed placement also help reduce vibrations when playing at higher volumes.

The BMR1s offer two primary inputs to the speakers. The default input is the 3.5mm Analog input. A digital Bluetooth connection is also provided for added convenience. The BMR1 also includes a headphone passthrough with support for gaming headsets with built in mics.

We hope you will enjoy your BMR1 speakers weather used for music, gaming, or watching shows or movies.

FOR YOUR PROTECTION

VENTILATION:

› The BMR1 can run warm in use and thus requires free air circulation around the product. Never place the BMR1 in an enclosed space with restricted air flow, especially one with low vertical clearance.

› Never place the BMR1 near another source of heat, for example on top of something that is generating significant heat or in a hot cabinet. Excessive heat will shorten the life of the product.

WATER AND MOISTURE:

› NEVER use the BMR1 near water.

› NEVER handle the BMR1 while in contact with water.

› NEVER let the BMR1 come into contact with water.

› NEVER spill water or other liquids into the BMR1.

› NEVER operate the BMR1 with wet hands.

POWER SOURCES: The BMR1 is supplied with a universal power supply unit capable of operating from global universal mains 100-240 V ac at 50/60 Hz. It is supplied with a US plug (Type A), but will work with a plug adapter suitable for your location. Do not use any other power supply unit with the BMR1.

GROUNDING: The BMR1 does not receive ground from its power supply unit, and will share the ground of the audio source that it is plugged into. In unusual circumstances, ground noise may occur, depending on the exact grounding of the source equipment.

POWER AND SIGNAL: It is possible for the BMR1 to emit an audible popping noise if signal cables are plugged or unplugged while the device is powered on. To avoid making a noise first disconnect the BMR1 from a power source before changing the signal cables.

SERVICING: There are no serviceable parts in the BMR1. Do not attempt to service the BMR1. All servicing must be referred to authorized service personnel.

WARRANTY

› In the event that the product purchased experiences defect or failure, please contact Drop Support and provide your transaction ID with a description of the issue (include photos or video, if applicable).

› Drop Support might also ask for additional information such as the product's serial number, so be sure to have that information available.

› Drop will request for the product to be sent back to a specified return address (which will be provided to you via email).

› Upon receipt of the defective product, Drop will make every effort possible to ensure your satisfaction by shipping you a replacement product.

› You are responsible for the cost of return shipping if a request is submitted after two weeks of receiving the item.

› Drop also reserves the right to refund the purchase price as its exclusive warranty remedy if a replacement cannot be sourced.

INITIAL START-UP

1) Remove the BMR1 Speakers and stands from the box.

2) Assemble the speakers onto the standings using the screws and washers provided in the accessory box. The BMR1 is designed to be mounted in a vertical or horizontal position. Note the washer should be placed between the screw and the back of the stand.

3) Connect the Passive (Left) Speaker to the Active (Right) speaker using the provided speaker cable. Make sure the speaker connector is fully inserted into both sockets.

4) Position the speakers in their intended listening position, with the Active speaker on the right and the passive speaker on the left. (*The active speaker is the unit with the button and connections on the rear*)

5) If using an Analog source, connect the BMR1 to the device using the supplied 3.5mm TRRS cable.

6) Connect the circular barrel of the power supply into the back of the BMR1, next plug the power supply into a power source.

CAUTION: Please remember to plug the power socket into the BMR1 before connecting to an AV power source. This will prevent arcing during power up stage.

USING THE BMR1

1) The BMR1 provides 2 inputs. One 3.5mm Analog socket and a Digital Bluetooth Connection.

2) Use the Multifunction button on the right speaker to cycle between Analog In, Bluetooth In, and Headphone Mode. The Light on the BMR1 will change color indicate which mode is selected.

3) A headphone passthough enables a low impedance headphone or gaming headset to be connected to the BMR1. The headphone output will only work when an Analog source is connected.

4) An Aux output is provided to allow a Subwoofer to be connected to the BMR1 to extend the playback of lower frequencies.

5) Use the MODE switch to enable more performance from the BMR1 when using with a subwoofer.

6) The BMR1 can be set back to its factory settings by completing a Master Reset. To complete a Master Reset, long press the button for 12 seconds. The speaker will turn off for a short period and light up again after rebooting.

7) The BMR1 can be placed into Standby Mode by holding down the Multifunction button for 4s in Analog mode. This willl cause the speaker to turn of the amp section and all playback. To resume use, press the button once to wake the speaker.

BLUETOOTH MODE

Bluetooth Mode is select by pressing the multifunction button until a blue light is displayed. When first using the BMR1 the light will continue to blink indicating the speaker is in search mode. To pair the BMR1, hold the button for 3 seconds until the light flashes rapidly. Then select Drop BMR1 from the Bluetooth menu on the device yo you are pairing to. The BMR1 will automatically connect with the last paired device. In order to pair the BMR1 with another device, first disconnect the BMR1 in the Bluetooth of the current device before attempting to pair to another device.

HEADPHONE MODE

Headphones and gaming headsets can be used with your BMR1 speakers. In order to use the headphone mode you must first have the BMR1 connected to an analog input using the 3.5mm cable. Press the button until the light is orange. The BMR1 will work with Mics on a gaming headset if the Input cable is connected to a source device like a laptop .

CONNECTING A SUBWOOFER

The BMR1 was designed to allow for easy pairing to an Active subwoofer to enhance low end performance. If using a Sub it is recommended to set the MODE switch to the 2.1. setting. This will adjust the roll off of the BMR1 from 80Hz to 120Hz.

The higher roll off point will allow the BMR1 to play slightly louder since the driver is now less constrained by producing lower frequencies.

A 3.5mm TRS to RCA cable can be use from the AUX OUT on rear of the BMR1. Use the crossover and volume controls on your Sub to dial in the sound.

GENERAL BEST PRACTICES

› Unplug the speakers from the power source before inserting or removing any plugs. This will avoid making an audible popping noise.

› For best placement, position the BMR1s in a equilateral triangle with the listening position, roughly at arms length.

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PRODUCT SPECIFICATIONS

Adjustable Orientation (Portrait, Landscape)

Single 2-inch full-range Balanced Mode Radiators (BMR Drivers)

Dual Force-canceling Passive Radiators

Isolation Stands

FR = 80Hz - 24kHz +/-6.0 dB

THD = < 0.40% at 1 kHz

Amplifier: Class D

RMS Power = 15W

Peak Power = 30W

SNR = > 95 dB (typical A-weighted)

Audio Inputs

Wired = TRRS 3.5mm stereo mini jack

Wireless = Bluetooth

Audio Outputs

Out 1 = Headphone out w/Mic Passthrough

Out 2 = Aux out/Subwoofer out

Bluetooth

Bluetooth 5.0

Codecs = AAC, SBC

Dimensions Max

66mm, 100mm, 293mm (W, D, H)

Power Supply

Input Voltage = 100~240V (50/60Hz Auto-switching)

Output Voltage = 20V, 1.8 ~ 2.2 A

Power Consumption (Idle) = <0.5 W

FCC COMPLIANCE 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.
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body

FCC ID: 2AAFM-DSPA0001

Responsible party (contact for FCC matters only):

Corsair Memory Inc.
115 North McCarthy Blvd,
Milipitas, CA 95035, USA