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› Behringer TRUTH B2030A Active 2-Way Reference Studio Monitor User Manual

Behringer B2030A

Behringer TRUTH B2030A Active 2-Way Reference Studio Monitor User Manual

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1. PRODUCT OVERVIEW

The Behringer TRUTH B2030A is a high-resolution, active 2-way reference studio monitor designed for accurate audio reproduction in professional and home studio environments. It features a bi-amplified design, delivering precise sound across its frequency range. This monitor is engineered for critical listening and mixing applications, providing a neutral and uncolored sound profile.



Figure 1: Front view of the Behringer TRUTH B2030A Studio Monitor.

2. IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions thoroughly before operating the product.
- Keep these instructions for future reference.
- Heed all warnings on the product and in the operating instructions.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

- 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.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- 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.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.

3. PACKAGE CONTENTS

Upon unpacking, please ensure all items listed below are present and in good condition:

- Behringer TRUTH B2030A Active Studio Monitor
- Power Cord
- User Manual (this document)
- Individual Frequency Diagram (for each speaker)

If any items are missing or damaged, please contact your dealer immediately.

4. SETUP

4.1 Physical Placement

Proper placement of your studio monitors is crucial for accurate sound reproduction. The B2030A is designed for nearfield monitoring. Position the monitors to form an equilateral triangle with your listening position. The tweeters should ideally be at ear level.

- **Distance:** Place the monitors approximately 3 to 5 feet (1 to 1.5 meters) from your listening position.
- **Symmetry:** Ensure both monitors are equidistant from your listening position and from the side walls.
- **Isolation:** Use isolation pads or stands to decouple the monitors from your desk or other surfaces, reducing unwanted vibrations.



Figure 2: Example of optimal monitor placement in a studio environment.

4.2 Audio Connections

The B2030A offers flexible input options for connecting to your audio interface, mixer, or other audio sources.

- **XLR Input:** For balanced connections from professional audio equipment.
- **1/4 inch TRS Input:** For balanced or unbalanced connections from various audio sources.

Always ensure your audio source is turned off or its volume is set to minimum before making connections.



Figure 3: Rear panel showing XLR and 1/4 inch TRS input connectors.

4.3 Power Connection

Connect the provided power cord to the AC inlet on the rear panel of the monitor and then to a suitable power outlet. Ensure the power switch is in the "OFF" position before connecting to power.

5. OPERATION

5.1 Powering On/Off

- To power on, ensure all audio connections are secure and the volume of your audio source is low. Flip the power switch on the rear panel to the "ON" position.
- To power off, first reduce the volume of your audio source, then flip the power switch to the "OFF" position.

5.2 Controls and Adjustments

The B2030A features several controls on its rear panel to optimize its performance for your specific acoustic environment.



Figure 4: Rear panel showing various acoustic adjustment switches.

- **Input Trim:** Adjusts the input sensitivity to match the output level of your audio source. Start with a lower setting and increase gradually.
- **Room Compensation Switches:** These switches allow you to tailor the monitor's frequency response to compensate for room acoustics and placement (e.g., free-standing, near a wall, or in a corner). Refer to the specific settings recommended in the full manual for your setup.
- **High Frequency Adjustment:** Allows for fine-tuning of the high-frequency response to suit your listening preference or room characteristics.

Experiment with these settings to achieve the most neutral and accurate sound in your listening environment. It is recommended to make small adjustments and listen critically to the changes.

6. MAINTENANCE

- **Cleaning:** Disconnect the monitor from power before cleaning. Use a soft, dry cloth to wipe the exterior surfaces. Do not use liquid cleaners, aerosols, or solvents.
- **Ventilation:** Ensure that the ventilation openings on the rear panel are not blocked. Adequate airflow is essential for proper cooling.
- **Storage:** If storing the monitor for an extended period, keep it in a dry, dust-free environment, preferably in its original packaging.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No sound	Power cord not connected.	Check power cord connection.
	Power switch off.	Turn power switch ON.
	Audio cables disconnected or faulty.	Verify audio cable connections and test cables.
	Audio source volume too low or muted.	Increase audio source volume.
Distorted sound	Input level too high.	Reduce input trim on the monitor or output level from the source.
	Faulty audio cable.	Replace audio cable.
	Room compensation settings incorrect.	Adjust room compensation switches.
Hum or noise	Ground loop.	Use balanced cables (XLR or TRS).
	Unshielded cables.	Ensure all equipment is on the same electrical circuit.
	Interference from other electronic devices.	Move power cables away from audio cables.
		Use a ground loop isolator if necessary.

8. TECHNICAL SPECIFICATIONS

Model	B2030A
Speaker Type	Active 2-Way Reference Studio Monitor
Woofer Diameter	6.75 inches
Tweeter Diameter	0.75 inches
Maximum Output Power	125 watts (75W LF, 35W HF)
Frequency Response	50 Hz to 21 kHz
Connectivity	XLR, 1/4 inch TRS
Enclosure Material	Stainless Steel
Dimensions (D x W x H)	12.6"D x 11.02"W x 14.96"H
Weight	21.8 pounds

9. WARRANTY INFORMATION

Behringer products are covered by the manufacturer's warranty for one year from the original date of purchase from an authorized Behringer dealer. To obtain warranty service, you must acquire a Return Authorization (RA) number from Behringer before sending your product to an authorized service center. Please retain your proof of purchase for warranty claims.

For the most current and detailed warranty terms, please visit the official Behringer website or contact their customer support.

10. CUSTOMER SUPPORT

For technical assistance, service, or further information regarding your Behringer TRUTH B2030A studio monitor, please

refer to the following resources:

- **Online Support:** Visit the official Behringer website for FAQs, downloads, and support contact information.
- **Authorized Service Centers:** A list of authorized service centers can be found on the Behringer website.
- **Dealer Support:** Contact the dealer from whom you purchased the product for initial support.

When contacting support, please have your product model number (B2030A) and serial number ready.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question