

Behringer B110D

Behringer EUROLIVE B110D Active 300 Watt 2-Way 10" PA Speaker System User Manual

Comprehensive instructions for setup, operation, and maintenance of your Behringer EUROLIVE B110D PA Speaker System.

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1. PRODUCT OVERVIEW

The Behringer EUROLIVE B110D is a high-power 300-Watt 2-way PA sound reinforcement speaker system designed for live and playback applications. Its compact and lightweight design ensures portability and ease of setup for various events.



Figure 1: Front view of the Behringer EUROLIVE B110D PA Speaker.

2. IMPORTANT SAFETY INSTRUCTIONS

Always read and follow all safety instructions before operating this product. Retain these instructions for future reference.

- Do not expose this apparatus to rain or moisture.
- 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.
- 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. WHAT'S IN THE BOX

Upon opening your Behringer EUROLIVE B110D package, you should find the following items:

- One (1) EUROLIVE B110D Active 300-Watt 2-Way 10" PA Speaker with Wireless Option
- Power Cord
- Quick Start Guide / User Manual

4. KEY FEATURES AND COMPONENTS

The EUROLIVE B110D combines powerful audio performance with versatile connectivity options. Its robust construction and intuitive controls make it suitable for various sound reinforcement needs.

4.1. Front Panel

The front panel features a durable metal grille protecting the 10-inch woofer and high-frequency driver. The trapezoidal shape allows for use as a monitor wedge.



Figure 2: Front view highlighting the protective grille and driver.

4.2. Rear Panel (Control Interface)

The rear panel provides all necessary inputs, outputs, and controls for the speaker system. It includes:

- **Input Section:** XLR/TRS combo jacks for microphone and line-level inputs.
- **Level Controls:** Individual gain controls for each input channel.
- **Equalizer:** High and Low EQ controls for tone shaping.
- **Wireless System:** USB port for Behringer ULM digital wireless microphone receiver (sold separately).
- **Mix Output:** XLR output for linking to additional speakers.
- **Power Switch and AC Inlet:** For connecting to mains power.



Figure 3: Rear panel showing inputs, outputs, and controls, along with product dimensions.

5. SETUP GUIDE

5.1. Power Connection

1. Ensure the speaker's power switch is in the "OFF" position.
2. Connect the supplied AC power cord to the AC inlet on the rear panel.
3. Plug the other end of the power cord into a suitable mains power outlet.

5.2. Mounting Options

The EUROLIVE B110D offers flexible mounting options:

- **Pole Mounting:** The speaker features a standard pole socket on the bottom, allowing it to be mounted on a speaker stand or on top of a compatible subwoofer (e.g., Behringer B1200D Active Subwoofer).
- **Floor Monitor:** Its trapezoidal enclosure design allows the speaker to be placed on its side for use as a floor monitor.

5.3. Audio Source Connection

Connect your audio sources to the XLR/TRS combo jacks on the rear panel:

- **Microphones:** Use an XLR cable for dynamic microphones. Adjust the input level using the corresponding gain knob.
- **Line-Level Devices:** Use an XLR or 1/4" TRS cable for mixers, instruments with preamps, or other line-level audio sources. Adjust the input level using the corresponding gain knob.
- **Wireless Microphones:** Insert a Behringer ULM digital wireless microphone receiver (sold separately) into the dedicated USB port for wireless microphone functionality.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

1. Before powering on, ensure all input levels are set to minimum.
2. Flip the power switch on the rear panel to the "ON" position. The power LED will illuminate.
3. To power off, first reduce all input levels, then flip the power switch to "OFF".

6.2. Adjusting Audio Levels

1. **Input Gain:** Slowly increase the gain knob for each connected input channel until the signal/clip LED occasionally flashes green. Avoid constant red illumination, which indicates clipping and distortion.
2. **Main Level:** Adjust the main level knob to control the overall output volume of the speaker.

6.3. Tone Shaping (Equalizer)

Use the High and Low EQ controls to adjust the tonal characteristics of your audio:

- **HIGH:** Boost or cut high frequencies (treble) to add clarity or reduce harshness.
- **LOW:** Boost or cut low frequencies (bass) to add warmth or reduce muddiness.

6.4. Linking Multiple Speakers

The "Mix Output" XLR jack allows you to send the mixed audio signal from your B110D to another active speaker or audio device. This is useful for expanding your PA system or sending a monitor feed.

1. Connect an XLR cable from the "Mix Output" of the first B110D to an input on the second active speaker.
2. Adjust the input level on the second speaker as needed.

7. MAINTENANCE

To ensure the longevity and optimal performance of your EUROLIVE B110D speaker, follow these

maintenance guidelines:

- **Cleaning:** Clean the speaker's exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the speaker in a dry, dust-free environment when not in use.
- **Inspection:** Periodically check cables and connections for any signs of wear or damage.

8. TROUBLESHOOTING

If you encounter issues with your EUROLIVE B110D, refer to the following common troubleshooting steps:

- **No Sound:**
 - Ensure the speaker is powered on and the power LED is lit.
 - Check all audio cable connections.
 - Verify input levels on the speaker and the audio source are not set to minimum.
 - Ensure the audio source is functioning correctly.
- **Distorted Sound:**
 - Reduce the input gain if the signal/clip LED is constantly red.
 - Lower the volume on your audio source.
 - Check for damaged cables.
- **Hum or Noise:**
 - Ensure all cables are properly shielded and connected.
 - Try using a different power outlet.
 - If using multiple devices, ensure they are on the same electrical circuit to avoid ground loops.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	EUROLIVE B110D
Speaker Type	Active 2-Way PA Speaker
Output Wattage	300 Watts
Woofer Diameter	10 Inches
Connectivity Technology	USB (for wireless mic receiver)
Wireless Communication	Behringer digital wireless system (via ULM receiver)
Product Dimensions	11.77"D x 9.92"W x 19.02"H
Item Weight	18.08 Pounds
Power Source	Corded Electric
Shape	Trapezoidal

Mounting Type



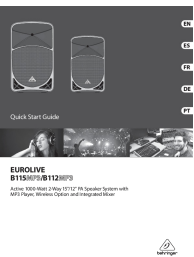
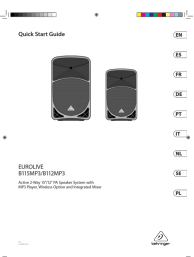
Floor Mount (with pole socket)


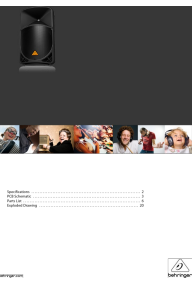
10. WARRANTY AND SUPPORT

Behringer products come with a limited warranty. For detailed warranty information, product registration, and technical support, please visit the official Behringer website or contact your local distributor. For further assistance, please visit the [Behringer Store on Amazon](#).

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Related Documents - B110D

	<p>Behringer EUROLIVE B115D/B112D Quick Start Guide - Active PA Speaker System</p> <p>Quick start guide for the Behringer EUROLIVE B115D and B112D active 1000-Watt 2-Way PA Speaker Systems with wireless option and integrated mixer. Includes setup, controls, specifications, and warranty information.</p>
	<p>Behringer EUROLIVE B115MP3/B112MP3 Quick Start Guide</p> <p>Get started quickly with the Behringer EUROLIVE B115MP3/B112MP3 Active 2-Way PA Speaker System. This guide covers hook-up, controls, getting started, and specifications for your PA speaker system.</p>
	<p>Behringer EUROLIVE B115MP3/B112MP3 PA Speaker System Quick Start Guide</p> <p>Comprehensive quick start guide for the Behringer EUROLIVE B115MP3/B112MP3 active PA speaker system. Covers safety instructions, hook-up diagrams, control descriptions, getting started steps, and specifications. Features include a 1000W amplifier, MP3 player, and wireless option.</p>
	<p>Behringer EUROLIVE B115MP3/B112MP3 Quick Start Guide</p> <p>Get started quickly with your Behringer EUROLIVE B115MP3/B112MP3 active 2-way PA speaker system. This guide covers essential safety instructions, hook-up procedures, control descriptions, getting started steps, specifications, and important information.</p>

	<p>Behringer EUROLIVE VQ1800D/VQ1500D Quick Start Guide</p> <p>This document provides a quick start guide for the Behringer EUROLIVE VQ1800D and VQ1500D PA subwoofers, covering important safety instructions, hook-up procedures, control descriptions, and specifications.</p>
	<p>Behringer EUROLIVE B115D Service Manual</p> <p>Comprehensive service manual for the Behringer EUROLIVE B115D active 2-way 15" PA speaker system with integrated mixer. Includes detailed specifications, PCB schematics, parts lists, and exploded assembly diagrams.</p>