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Behringer B112D

Behringer EUROLIVE B112D Active PA Speaker System Instruction Manual

Model: B112D | Brand: Behringer

INTRODUCTION

The Behringer EUROLIVE B112D is an active 2-way PA speaker system designed for live sound, public address, and stage monitoring applications. It features a powerful Class-D amplifier, an integrated sound processor, and a versatile trapezoidal enclosure. This manual provides essential information for the safe and efficient operation of your speaker system.

Key Features:

- Integrated sound processor for ultimate system control and speaker protection.
- Internal switch-mode power supply for noise-free audio, superior transient response, and very low power consumption.
- Built-in HF (High Frequency) and LF (Low Frequency) Protection.
- Integrated Pole Mount for stand mounting.

SETUP

Unpacking and Inspection:

Carefully unpack your EUROLIVE B112D speaker system. Inspect the unit for any signs of damage that may have occurred during transit. If damage is found, do not use the unit and contact your dealer immediately.

Placement:

The versatile trapezoidal enclosure design allows for various positioning options:

- **Stand Mounting:** Use the integrated 35-mm pole socket to mount the speaker on a standard speaker stand for optimal sound dispersion.

- **Floor Monitor:** Tilt the speaker on its side for use as a floor monitor, providing ideal angle for onstage applications.
- **Stacking:** The design allows for stable stacking on another unit or a subwoofer.

Connecting Power:

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

Audio Connections:

The B112D features a variety of input and output options on its rear panel:

- **Mic/Line Input:** Features an ultra-low noise Mic/Line input with Volume control and Clip LED. This input accepts both XLR and 1/4" (6.35mm) TRS connectors.
- **Wireless Option:** The speaker is equipped with a wireless option for connecting wireless microphones (wireless system sold separately).
- **Link Output:** An additional XLR Line output allows for linking of additional speaker systems, enabling easy expansion of your sound setup.





Figure 1: Front view of the Behringer EUROLIVE B112D Active PA Speaker System, showcasing the 12-inch woofer and horn tweeter.

OPERATING INSTRUCTIONS

Powering On/Off:

Ensure all connections are secure before powering on. Flip the POWER switch on the rear panel to the ON position. To power off, flip the switch to the OFF position.

Adjusting Sound:

The B112D features an integrated mixer with dedicated controls:

- **Volume Control:** Use the LEVEL knob to adjust the overall input volume. Monitor the CLIP LED to ensure the signal is not distorting (red indicates clipping).
- **2-Band EQ:** Utilize the HIGH and LOW equalizer knobs to fine-tune the sound. Adjust these to achieve the desired tonal balance for your audio.

Using the Wireless Option:

The EUROLIVE B112D is ready for use with Behringer's ULTRALINK ULM series wireless microphones. Refer to the ULM series manual for detailed instructions on pairing and operation.

Linking Multiple Speakers:

For larger venues or stereo setups, connect the LINK OUTPUT XLR connector of one B112D speaker to the

input of another active speaker. This allows for easy daisy-chaining of multiple units.

MAINTENANCE

To ensure the longevity and optimal performance of your Behringer EUROLIVE B112D, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the speaker in a cool, dry environment away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically check all cables and connections for wear or damage.

TROUBLESHOOTING

If you encounter issues with your EUROLIVE B112D, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cord is securely connected to both the speaker and a working power outlet. Check the power switch position and any external circuit breakers.
- **No Sound:** Verify that the input source is active and sending a signal. Check all audio cable connections. Ensure the LEVEL knob on the speaker is turned up and not muted.
- **Distorted Sound:** Reduce the input volume from your source device and/or the LEVEL knob on the speaker. If the CLIP LED is red, the signal is too high. Check for damaged cables.
- **Hum or Noise:** Ensure all cables are properly shielded and connected. Try using balanced XLR cables for longer runs. Check for ground loops.

SPECIFICATIONS

Feature	Detail
Mounting Type	Floor Standing
Material	Aluminum
Model Name	EUROLIVE B112D
Speaker Type	Outdoor
Recommended Uses For Product	For Live Sound, Public Address, Stage Monitoring
Subwoofer Diameter	15 Inches
Unit Count	1.0 Count

Feature	Detail
Color	Black
Product Dimensions	13.19"D x 17.32"W x 27.17"H
Item Weight	32 Pounds
Impedance	8 Ohms
Warranty Type	Limited
Number of Items	1
Control Method	Touch
Speaker Size	15 Inches
Power Source	Corded Electric
Woofer Diameter	15 Inches
Tweeter Diameter	1 Inches
Audio Driver Type	Dynamic Driver
Bluetooth Range	10 Meters
Audio Driver Size	15 Inches
Output Wattage	550 Watts
Voltage	240 Volts
Wattage	600 watts
Connectivity Technology	Wired

WHAT'S IN THE Box

- 1 x Behringer EUROLIVE B112D 550W 15" Powered Speaker
- Power Cord
- User Manual (this document)

WARRANTY AND SUPPORT

The Behringer EUROLIVE B112D comes with a limited warranty. For detailed warranty information, technical support, or service inquiries, please refer to the official Behringer website or contact your authorized dealer.

