

Behringer F1220D

Behringer EUROLIVE F1220D 250W Bi-Amped Monitor Speaker System - Instruction Manual

Model: F1220D | Brand: Behringer

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your Behringer EUROLIVE F1220D Bi-Amped Monitor Speaker System. Please read this manual thoroughly before using the product to ensure optimal performance and to prevent damage. Retain this manual for future reference.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical products to reduce the risk of fire, electric shock, and injury to persons. This includes, but is not limited to:

- Read all instructions before operating the appliance.
- 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

Your Behringer EUROLIVE F1220D package should include the following items:

- Behringer EUROLIVE F1220D Bi-Amped 250W Monitor Speaker System
- Power Cable
- User Manual (this document)

Please inspect all components for any signs of damage upon unpacking. If any items are missing or damaged, contact your retailer immediately.

4. PRODUCT OVERVIEW

The Behringer EUROLIVE F1220D is a lightweight 250-Watt 2-way monitor speaker system designed for live performances and music playback. It features a 12-inch woofer and a 3-inch tweeter, delivering exceptional sound quality with wide frequency bandwidth and dynamic range. The unit incorporates revolutionary Class-D amplifier technology for powerful performance in a super-lightweight design. It also includes an adjustable feedback filter and an integrated limiter for system control and speaker protection.



Figure 1: Angled view of the Behringer EUROLIVE F1220D monitor speaker, showcasing its compact design and front grille.



Figure 2: Close-up of the rear control panel of the Behringer EUROLIVE F1220D, showing the various knobs and input/output ports.

Product Overview Video

Your browser does not support the video tag.

Video 1: A brief product overview of the Behringer EUROLIVE F1220D, highlighting its features and design. (Source: Amazon Product Imaging)

5. SETUP

Follow these steps for initial setup of your EUROLIVE F1220D monitor speaker:

1. **Placement:** Position the monitor speaker on a stable surface or a compatible speaker pole. The F1220D features a pole mount socket for elevated placement. Ensure adequate ventilation around the unit.
2. **Power Connection:** Connect the supplied power cable to the AC input on the rear panel of the speaker and then to a suitable power outlet. Ensure the power switch is in the 'OFF' position before connecting.
3. **Audio Input:** Connect your audio source (e.g., mixer, microphone, instrument) to the appropriate input jacks on the control panel. The F1220D offers XLR and 1/4-inch TRS/TS inputs for versatility.
4. **Link Output (Optional):** If connecting multiple monitors, use the 'LINK OUT' port to send the audio signal to another speaker.
5. **Power On:** Once all connections are secure, switch the power button to the 'ON' position. The 'POWER' LED indicator should illuminate.

General Setup Guide (RSM Series)

Your browser does not support the video tag.

Video 2: A general guide on how to set up RSM12A V2 Powered Stage Floor Monitors. While not specific to the F1220D, it demonstrates common monitor setup practices. (Source: Audiosavings)

Your browser does not support the video tag.

Video 3: Another general guide on setting up RSM Series Monitors. Useful for understanding basic connections and configurations. (Source: Audiosavings)

6. OPERATING INSTRUCTIONS

The EUROLIVE F1220D offers intuitive controls for sound adjustment:

- **Main Level:** This knob controls the overall output volume of the monitor. Start with a low setting and gradually increase to your desired level.
- **EQ Section (High, Mid, Low):** Adjust these knobs to fine-tune the tonal characteristics of your audio. Increase 'High' for more clarity, 'Mid' for vocal presence, and 'Low' for bass response.
- **Feedback Filter:** This adjustable filter helps to eliminate unwanted acoustic feedback. If you experience feedback, activate the filter and adjust the frequency knob until the feedback is minimized.
- **Input Level Controls:** Individual level controls are provided for each input channel (Mic/Line Input). Adjust these to ensure proper signal strength without clipping (indicated by the 'CLIP' LED).
- **Limiter:** The integrated limiter protects the speaker from excessive signal levels, preventing distortion and potential damage.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your monitor speaker:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use liquid cleaners or solvents, as they may damage the finish or internal components.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to prevent overheating.
- **Storage:** When not in use, store the speaker in a cool, dry place, away from direct sunlight and extreme temperatures. If transporting, use appropriate protective covers or cases.
- **Cable Care:** Regularly check all cables for wear and tear. Replace any damaged cables immediately to prevent electrical hazards or signal loss.

8. TROUBLESHOOTING

If you encounter issues with your EUROLIVE F1220D, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound Output	No power; incorrect input connection; low volume levels; faulty cable.	Check power connection and switch; ensure audio source is connected to correct input; increase Main Level and input level controls; test with a different cable.
Distorted Sound	Input signal too high (clipping); EQ settings incorrect; faulty speaker.	Reduce input level from source or on the monitor until 'CLIP' LED is off; adjust EQ settings; contact support if distortion persists.
Feedback (High-pitched squeal)	Microphone too close to speaker; microphone pointed at speaker; high gain settings.	Reposition microphone; activate and adjust the Feedback Filter; reduce input gain.
Intermittent Sound	Loose cable connection; faulty cable; power fluctuations.	Check all cable connections; replace cables if necessary; ensure stable power supply.

9. SPECIFICATIONS

Feature	Specification
Model Name	F1220D

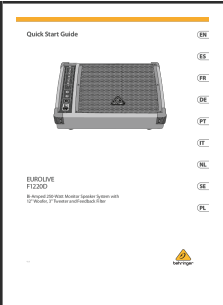

Feature	Specification
Speaker Type	2-way Bi-Amped Monitor Speaker System
Output Wattage	250 Watts
Woofer Diameter	12 Inches
Tweeter Size	3 Inches
Impedance	8 Ohm
Frequency Response	45 Hz (Lower limit)
Connectivity Technology	XLR, 1/4 inch TRS/TS, RCA
Audio Output Mode	Mono
Control Method	Touch (knobs/switches)
Power Source	Corded Electric
Item Weight	23.6 Pounds
Product Dimensions	19.69 x 13.94 x 9.37 inches
Indoor/Outdoor Usage	Indoor
Special Features	Adjustable feedback filter, integrated limiter, Class-D amplifier technology

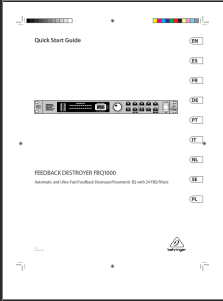
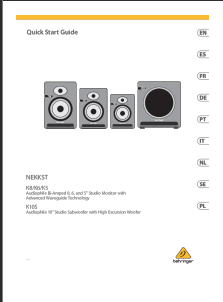
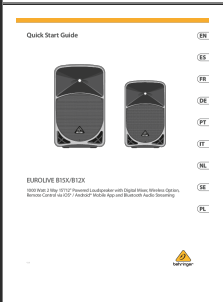
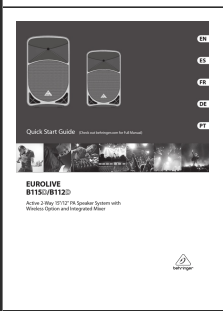
10. WARRANTY AND SUPPORT

The Behringer EUROLIVE F1220D comes with a limited manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Behringer website.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact Behringer customer support through their official channels. Keep your purchase receipt and product serial number handy when contacting support.

Related Documents - F1220D

	<p>Behringer EUROLIVE F1220D Quick Start Guide</p> <p>Get started quickly with the Behringer EUROLIVE F1220D Bi-Amped 250-Watt Monitor Speaker System. This guide covers essential safety, setup, controls, specifications, and important information for optimal use.</p>
	<p>Behringer EUROLIVE B215XL/B212XL Series PA Speaker System User Manual</p> <p>Comprehensive user manual for the Behringer EUROLIVE B215XL, B215XL-WH, B212XL, and B212XL-WH 2-way PA speaker systems. Covers setup, connections, optimal use, safety, warranty, and technical specifications.</p>

	<p>Behringer FBQ1000 Feedback Destroyer & Parametric EQ Quick Start Guide</p> <p>Concise guide to setting up and operating the Behringer FEEDBACK DESTROYER FBQ1000, including safety instructions, hook-up details, control descriptions, and preset configurations.</p>
	<p>Behringer NEKKST Series Studio Monitors and Subwoofer - Quick Start Guide</p> <p>This guide provides essential information for setting up and operating Behringer's NEKKST K8, K6, K5 studio monitors and K10S subwoofer. It covers hook-up procedures, control descriptions, specifications, and important safety information.</p>
	<p>Behringer EUROLIVE B15X/B12X Quick Start Guide</p> <p>Get started quickly with your Behringer EUROLIVE B15X/B12X powered loudspeaker. This guide covers essential safety instructions, hook-up procedures, controls overview, Bluetooth connectivity, firmware updates, and DSP menu navigation.</p>
	<p>Behringer EUROLIVE B115D/B112D Quick Start Guide</p> <p>Concise guide to setting up and operating the Behringer EUROLIVE B115D and B112D active PA speaker systems, including safety instructions, hook-up diagrams, control descriptions, getting started steps, and technical specifications.</p>