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Fosi Audio LC30-Y

Fosi Audio LC30 VU Meter Amplifier Speaker Selector Switch Box User Manual

Model: LC30-Y

PRODUCT OVERVIEW

The Fosi Audio LC30 is a versatile VU meter amplifier and speaker selector switch box designed to enhance your home audio experience. It features dual large VU meters for visual audio feedback and offers flexible connectivity for various amplifier and speaker configurations.

This unit supports a wide range of amplifiers, including traditional Class A, B, AB, and D, as well as tube amplifiers. Its robust design incorporates high-quality components such as 390Ω protective load resistors, thickened copper foil circuits, premium speaker binding posts, and switching relays, ensuring minimal impact on sound quality and supporting up to 250W power transmission per channel.

The LC30 provides convenient control via both front panel buttons and an included remote control, allowing for easy switching between two amplifiers and two sets of speakers. Adjustments for backlight brightness and needle sensitivity are also straightforward, making it an ideal component for audiophiles seeking both functionality and aesthetic appeal.



Figure 1: Front view of the Fosi Audio LC30, showcasing its dual VU meters and control buttons.

LC30 Amp/Speaker Selector

2-In 2-Out Switching Flexibility with Vintage Elegance



Figure 2: The LC30 integrated into a home audio system, demonstrating its role as an amp/speaker selector.

Eye-Candy Large VU Meters

Making Every Beat a Focal Point of Your Audio-Visual Feast



Figure 3: A detailed view of the LC30's large VU meters, highlighting their visual appeal and functionality.

Dual Control by Buttons & Remote

Easily Switch Channels and Adjust Brightness at Fingertips



Figure 4: The LC30 unit with its remote control, illustrating the dual control options for user convenience.

Superior Quality Components

Ensuring Exceptional High-Power Lossless Output

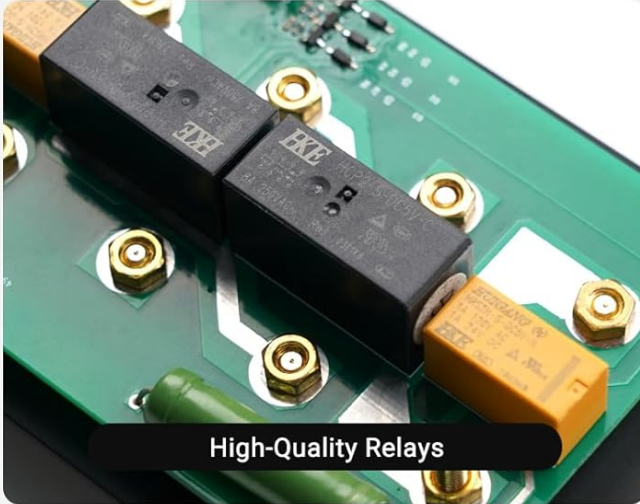


Figure 5: Close-up images of the LC30's superior quality components, including high-quality relays, 390Ω load resistors, thickened circuit traces, and user-friendly terminal design.



Compatibility & Large Chassis

Adapts to Various Amplifiers for Use Across Scenarios

Figure 6: The LC30's large chassis design allows it to accommodate other Fosi Audio compact amplifiers, demonstrating its compatibility and versatility.

SETUP

Before connecting your Fosi Audio LC30, ensure all audio equipment is powered off to prevent damage.

Connecting Amplifiers and Speakers

- Power Connection:** Connect the provided USB-C power cable to the DC 5V USB-C Power Input on the rear panel of the LC30. Connect the other end to a suitable 5V power source (e.g., a USB wall adapter, not included).
- Amplifier Connections:**
 - Connect your first amplifier (Amplifier A) to the "Amplifier A Connectors" on the rear panel of the LC30. Ensure correct polarity (red to red, black to black).
 - Connect your second amplifier (Amplifier B) to the "Amplifier B Connectors" on the rear panel of the LC30. Ensure correct polarity.

3. Speaker Connections:

- Connect your first pair of passive speakers (Speaker 1) to the "Speaker 1 Connectors" on the rear panel of the LC30. Ensure correct polarity (red to red, black to black) for left and right channels.
- Connect your second pair of passive speakers (Speaker 2) to the "Speaker 2 Connectors" on the rear panel of the LC30. Ensure correct polarity for left and right channels.

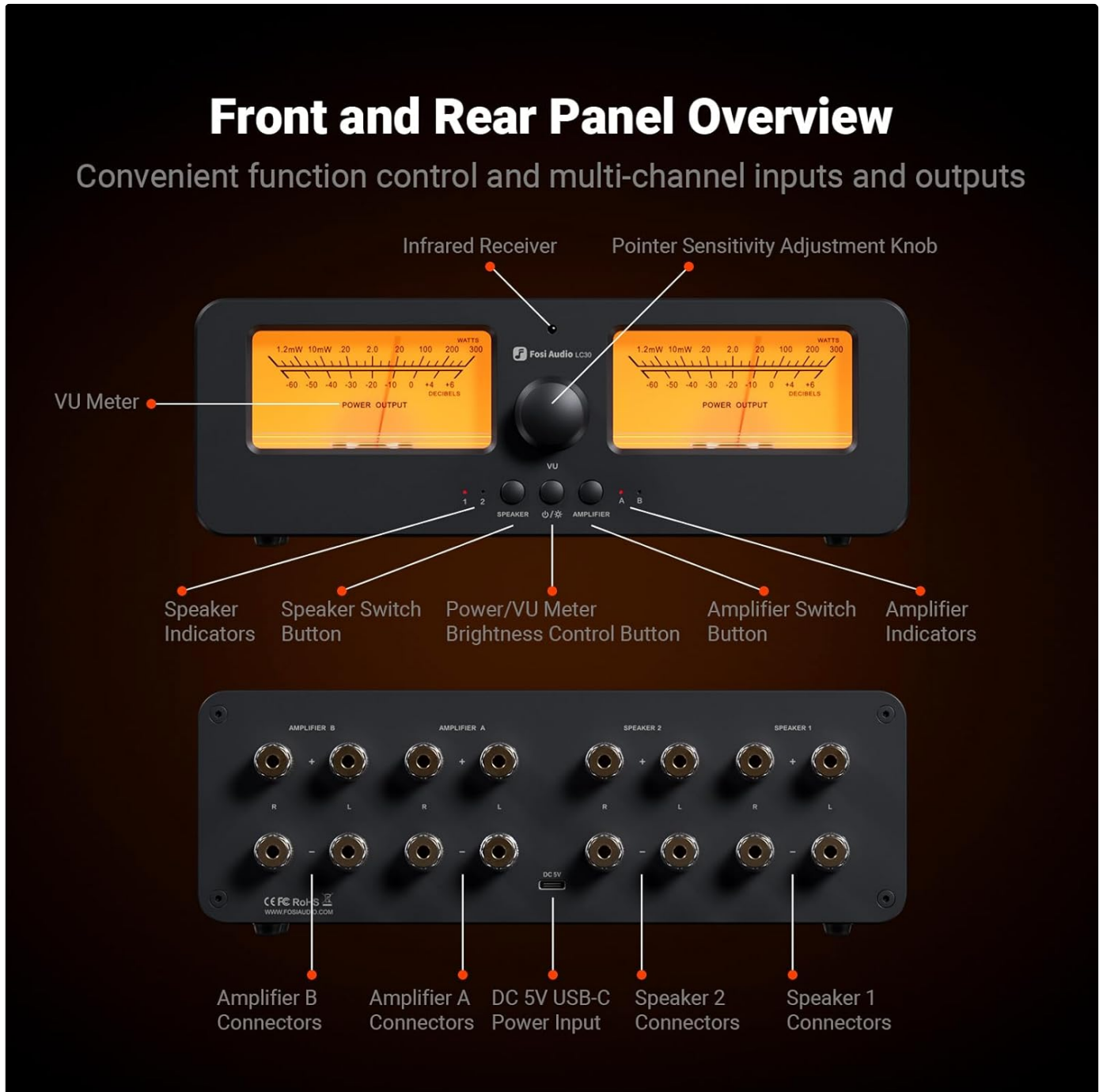


Figure 7: Diagram illustrating the front and rear panel layout of the LC30, showing all inputs, outputs, and controls.

Product Connection and Usage Diagram

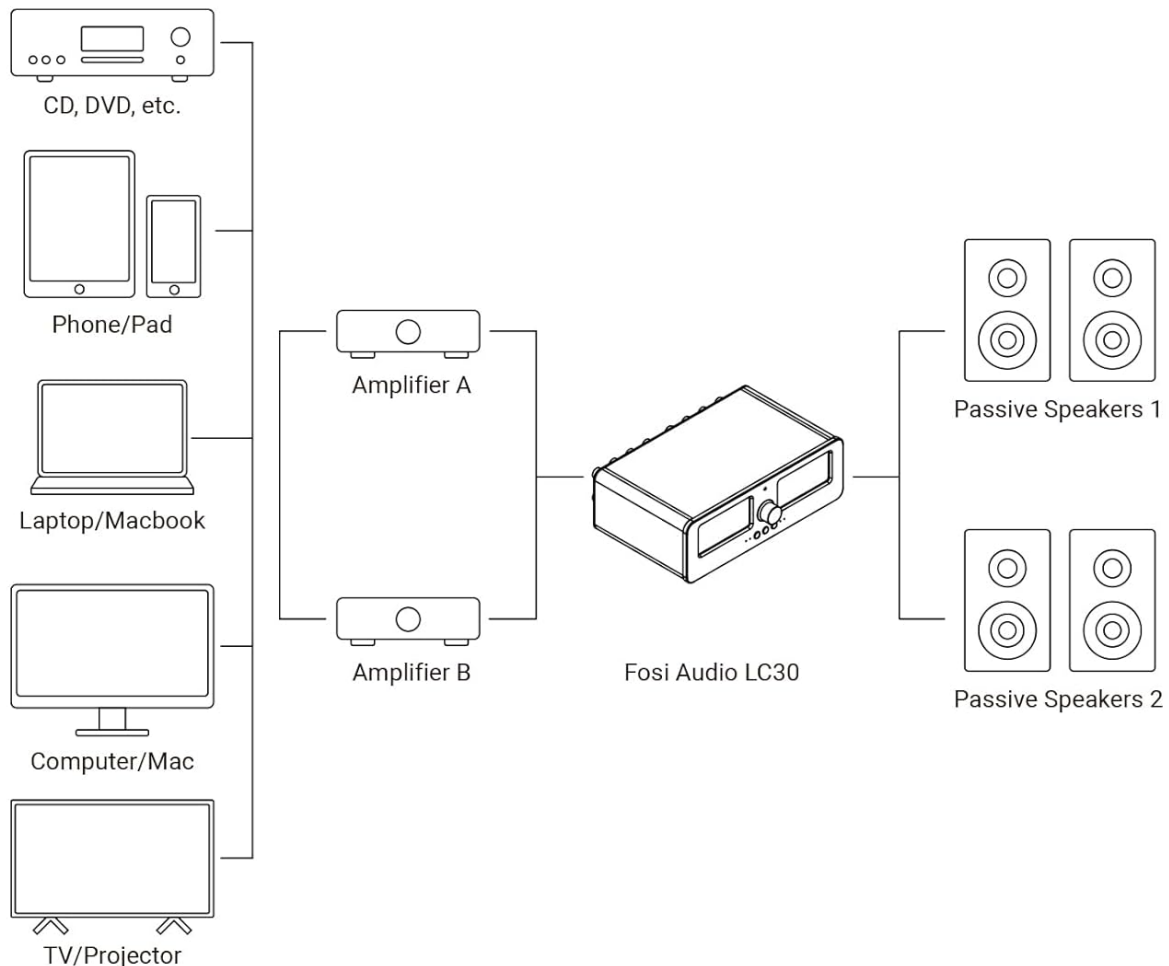


Figure 8: A schematic diagram showing typical connection scenarios for the Fosi Audio LC30 with various audio sources, amplifiers, and passive speakers.

OPERATING INSTRUCTIONS

Front Panel Controls

- **VU Meter:** Displays the audio output level.
- **Pointer Sensitivity Adjustment Knob:** Located on the top right of the unit, this knob allows you to adjust the sensitivity of the VU meter needles to match your amplifier's output and your visual preference. Turn clockwise to increase sensitivity, counter-clockwise to decrease.
- **Speaker Indicators (1, 2):** Red LEDs indicate which speaker output is currently active.
- **Speaker Switch Button:** Press this button to toggle between Speaker 1 and Speaker 2 outputs.
- **Power/VU Meter Brightness Control Button:** Press to cycle through five levels of VU meter backlight brightness. Long press to power the unit on or off.

- **Amplifier Indicators (A, B):** Red LEDs indicate which amplifier input is currently active.
- **Amplifier Switch Button:** Press this button to toggle between Amplifier A and Amplifier B inputs.

Remote Control Functions

The included remote control provides convenient access to key functions:

- **Power Button:** Turns the unit on or off.
- **Speaker Selection (1, 2):** Directly select Speaker 1 or Speaker 2 output.
- **Amplifier Selection (A, B):** Directly select Amplifier A or Amplifier B input.
- **Brightness Control (+/-):** Adjusts the VU meter backlight brightness.
- **Sensitivity Control (SPK, AMP):** Adjusts the VU meter needle sensitivity. Refer to the manual for specific remote button mapping for sensitivity adjustment.

MAINTENANCE

To ensure the longevity and optimal performance of your Fosi Audio LC30, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using harsh chemicals, solvents, or abrasive cleaners, as they may damage the finish.
- **Ventilation:** Ensure the unit has adequate ventilation. Do not block any ventilation openings. Avoid placing the unit in enclosed spaces or on soft surfaces that may impede airflow.
- **Environment:** Keep the unit away from direct sunlight, heat sources, excessive dust, moisture, and extreme temperatures.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.
- **Power Off When Not in Use:** If the unit will not be used for an extended period, it is advisable to power it off and disconnect it from the power source.

TROUBLESHOOTING

If you encounter issues with your Fosi Audio LC30, please refer to the following common troubleshooting steps:

- **No Power:**
 - Ensure the USB-C power cable is securely connected to both the LC30 and a working 5V power source.
 - Try a different USB-C cable or power adapter.
 - Verify the power outlet is functional.
- **No Sound Output:**
 - Check all speaker and amplifier connections for correct polarity and secure fit.
 - Ensure the correct amplifier (A or B) and speaker (1 or 2) are selected using the front panel buttons or remote.
 - Verify that your amplifiers are powered on and functioning correctly.
 - Confirm that the audio source connected to your amplifier is playing and its volume is turned up.
- **VU Meters Not Moving or Incorrectly:**
 - Adjust the Pointer Sensitivity Adjustment Knob on the top right of the unit.
 - Ensure there is an active audio signal passing through the LC30.
 - Check the brightness setting of the VU meters using the Power/VU Meter Brightness Control Button.
- **Remote Control Not Working:**

- Ensure there are fresh batteries in the remote control.
- Point the remote directly at the Infrared Receiver on the front panel of the LC30.
- Remove any obstructions between the remote and the unit.

If the issue persists after attempting these steps, please contact Fosi Audio customer support for further assistance.

SPECIFICATIONS

| Feature | Specification |
|------------------------|---|
| Model Number | LC30-Y |
| Product Dimensions | 5.65 x 3.05 x 9.31 inches (143.5 x 77.4 x 236.6 mm) |
| Item Weight | 3.97 pounds (1560g) |
| Manufacturer | Fosi Audio |
| Max Power Transmission | 250W per channel |
| Inputs | 2 Amplifier Inputs (A, B) |
| Outputs | 2 Speaker Outputs (1, 2) |
| VU Meter Brightness | 5 adjustable levels |

WHAT'S IN THE BOX

The Fosi Audio LC30 package includes the following items:

- Fosi Audio LC30 Unit
- Remote Control
- USB-C Power Cable
- User Manual (this document)

What's in the Box?

Weight: 1560g



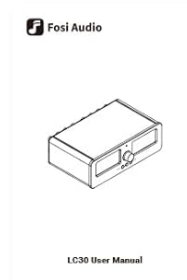
Fosi Audio LC30



Remote



USB-C Power Cable



User Manual

Figure 9: Visual representation of the items included in the Fosi Audio LC30 product box.

WARRANTY AND SUPPORT

Fosi Audio products are designed for reliability and performance. While specific warranty details may vary by region and retailer, Fosi Audio typically offers support for its products.

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please visit the official Fosi Audio website or contact their customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.

You can find more information and support resources at the [Fosi Audio Store on Amazon](#).

