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› Fosi Audio PH05 5-Channel Headphone Splitter Amplifier User Manual

## Fosi Audio PH05

# Fosi Audio PH05 5-Channel Headphone Splitter Amplifier User Manual

Model: PH05 | Brand: Fosi Audio

## 1. INTRODUCTION

The Fosi Audio PH05 is a versatile one-in-five-out stereo headphone splitter/amplifier designed for professional audio monitoring and distribution systems. It allows you to connect up to five sets of headphones simultaneously, adapting to various audio-sharing and distribution scenarios. This manual provides detailed instructions for setting up, operating, and maintaining your PH05 amplifier.



Figure 1: Fosi Audio PH05 5-Channel Headphone Splitter Amplifier.

## 2. WHAT'S IN THE BOX?

- PH05 Headphone Splitter/Amplifier
- Power Adapter (DC 12V)
- 3.5mm AUX Cable
- User Manual (this document)



Figure 2: PH05 Headphone Splitter/Amplifier.



Figure 3: Included Power Adapter.



Figure 4: Included 3.5mm AUX Cable.

### 3. PRODUCT OVERVIEW

The Fosi Audio PH05 features a user-friendly design with intuitive controls and clear labeling for easy operation.

## Front Panel Controls and Indicators:

- **CH1-CH5 Volume Knobs:** Independent level control for each of the five headphone output channels.
- **Master Volume Knob (VOL):** Controls the overall output volume for all channels.
- **Power/Mute Button:** Press to mute/unmute audio. Long press to power on/off the device.
- **Power/Mute Indicator Light:** Indicates power status and mute status.

## Rear Panel Connections:

- **INPUT (3.5mm AUX):** Audio input jack for connecting your source device.
- **Ω1-Ω5 (3.5mm Headphone Outputs):** Five independent 3.5mm headphone output jacks.
- **DC-12V:** Power input jack for the included 12V power adapter.



Figure 5: Detailed view of PH05 controls and ports.

## 4. SETUP

1. **Connect Audio Source:** Use the included 3.5mm AUX cable to connect your audio source (e.g., smartphone, tablet, computer, mixer) to the **INPUT** jack on the rear panel of the PH05.
2. **Connect Headphones:** Plug your headphones or IEMs into any of the five **Ω1-Ω5** output jacks on the rear panel. You can connect up to five pairs simultaneously.
3. **Connect Power:** Insert the DC 12V power adapter into the **DC-12V** power input jack on the rear panel, then plug the adapter into a standard wall outlet.
4. **Power On:** Long press the **Power/Mute** button on the front panel to power on the device. The indicator light will illuminate.

# PH05 Five-Way Headphone Splitter/Amp

Designed for Professional Audio Monitoring and Distribution Systems



Figure 6: Example setup with multiple headphones connected.

## 5. OPERATING INSTRUCTIONS

1. **Adjust Master Volume:** Rotate the large **Master Volume Knob (VOL)** to set the overall listening level for all connected headphones. Start with a low volume and gradually increase it to a comfortable level.
2. **Adjust Individual Channel Volume:** Use the individual **CH1-CH5 Volume Knobs** to fine-tune the volume for each connected headphone. This allows for personalized listening levels for each user.
3. **Mute/Unmute:** Short press the **Power/Mute** button to instantly mute or unmute all audio output. The indicator light will change to reflect the mute status.
4. **Power Off:** Long press the **Power/Mute** button to power off the device when not in use.



*Figure 7: User-friendly control design with individual and master volume knobs.*

### **Usage Scenarios:**

The PH05 is ideal for various applications:

- **Music Studio Production:** Monitor audio with multiple headphones during recording or mixing sessions.
- **Podcasting:** Allow multiple participants to monitor audio during live recordings.
- **Classroom Teaching:** Provide individual audio feeds for students in a learning environment.
- **Audio Sharing:** Share audio from a single source with friends or family, such as watching TV or listening to music.

# Adapts to Various Listening Scenarios

## Provides Flexible Solutions and High-Quality Audio Experience



Figure 8: PH05 adapting to various listening scenarios.

### Official Product Video:

Your browser does not support the video tag.

Video 1: Overview of the Fosi Audio PH05 5-Channel Headphone Splitter Amplifier, demonstrating its features and applications.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** When not in use for extended periods, store the PH05 in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts.

## 7. TROUBLESHOOTING

| Problem                  | Possible Cause  | Solution  |
|--------------------------|---|---|
| No sound output          | <ul style="list-style-type: none"> <li>Power adapter not connected or faulty.</li> <li>PH05 is muted.</li> <li>Volume knobs are set too low.</li> <li>Audio source not connected or playing.</li> <li>Headphones not properly connected or faulty.</li> </ul> | <ul style="list-style-type: none"> <li>Ensure power adapter is securely connected and plugged in.</li> <li>Short press the Mute button to unmute.</li> <li>Increase Master Volume and individual channel volumes.</li> <li>Verify audio source connection and playback.</li> <li>Check headphone connections and test with another pair.</li> </ul> |
| Distorted sound          | <ul style="list-style-type: none"> <li>Volume set too high (clipping).</li> <li>Poor quality audio source.</li> <li>Faulty cables.</li> </ul>   | <ul style="list-style-type: none"> <li>Reduce Master Volume and individual channel volumes.</li> <li>Try a different audio source.</li> <li>Replace audio cables.</li> </ul>  |
| Humming or buzzing noise | <ul style="list-style-type: none"> <li>Ground loop issue.</li> <li>Interference from other electronic devices.</li> <li>Faulty power supply.</li> </ul>   | <ul style="list-style-type: none"> <li>Try plugging the PH05 into a different power outlet.</li> <li>Move the PH05 away from other electronic devices.</li> <li>Contact Fosi Audio support if the issue persists.</li> </ul>  |

## 8. SPECIFICATIONS

| Feature                         | Detail                                       |
|---------------------------------|--|
| Product Dimensions              | 4.61 x 3.11 x 1.96 inches (117 x 79 x 50 mm) |
| Item Weight                     | 1.1 pounds (340g)                            |
| Output Power                    | Up to 310mW @ 32Ω per channel (x5)           |
| Compatible Headphone Impedance  | 16-300 Ohm                                   |
| Signal-to-Noise Ratio (SNR)     | 105dB  |
| Total Harmonic Distortion (THD) | 0.001%                                       |
| Noise Floor                     | 25μV   |
| Power Input                     | DC 12V                                       |
| Manufacturer                    | Fosi Audio                                   |

# 5-Channel Independent High-Power Output

Provides Strong Driving Force for High-Impedance Headphones



Figure 9: PH05 demonstrating superior sound performance with low noise and distortion.

## 9. WARRANTY & SUPPORT

Fosi Audio products come with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please visit the official Fosi Audio website or contact their customer service directly.

**Official Website:** [www.fosiaudio.com](http://www.fosiaudio.com)

You may also find additional support and FAQs on the product page where you purchased the item.

