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## Fluid Audio FX50

# Fluid Audio FX50 5-inch Coaxial Studio Reference Monitor

MODEL: FX50

Brand: Fluid Audio

## Introduction

The Fluid Audio FX50 is a 5-inch single point source coaxial reference monitor, designed for professional audio production and critical listening environments. This bi-amplified monitor delivers 90 watts of power with a frequency response of 49Hz to 22kHz (+/-3db). Its unique coaxial driver design ensures a coherent soundstage and precise imaging, making it an ideal tool for mixing and mastering.

Key features include:

- 5-inch Coaxial Studio Monitor
- Frequency response: 49Hz – 22KHz (+/- 3db)
- Crossover frequency: 2.9KHz
- Class D and DSP powered amplification
- Dual concentric "coaxial" driver for accurate sound reproduction

## Product Overview

The FX50 monitor features a robust design with a front-loaded slot port for optimized bass output. The coaxial driver places the tweeter in the center of the woofer, creating a single point source for all frequencies, which enhances stereo imaging and depth of field.



Front view of the Fluid Audio FX50 studio monitor, showcasing its 5-inch coaxial driver and front-facing bass port.



A detailed close-up of the FX50's coaxial driver, highlighting the tweeter positioned within the woofer for a single point source sound.

## Setup

Proper setup is crucial for optimal performance of your FX50 monitors. Ensure the monitors are placed on a stable surface, ideally at ear level, and equidistant from your listening position to create an equilateral triangle. The rear panel offers various input and control options.



The rear panel of the Fluid Audio FX50 monitor, showing input options, volume control, EQ dip switches, and power connection.

### Connections:

- XLR Input:** For balanced audio connections from professional audio interfaces or mixers.
- TRS Input:** For balanced or unbalanced 1/4-inch connections.
- RCA Input:** For unbalanced audio connections from consumer-grade equipment.
- Power Input:** Connect the provided power cable to a suitable AC outlet.

Ensure the monitor's power switch is in the 'Off' position before making any connections. Once all audio cables are securely connected, you can switch the monitor 'On'.

### Operating

The FX50 monitors provide several controls on the rear panel to tailor their sound to your listening environment.



A close-up view of the Fluid Audio FX50's rear panel, detailing the volume knob, input jacks, and the dip switch section for acoustic adjustments.

### Controls:

- **Volume Knob:** Adjusts the overall output level of the monitor. Start with a low setting and gradually increase to a comfortable listening level.
- **EQ Dip Switches:** These switches allow for acoustic adjustments to compensate for room acoustics or personal preference. Refer to the labels on the rear panel for specific settings.
  - **HF Shelf (Switches 1-2):** Adjusts high-frequency response. Options typically include 0dB, +1dB, -1dB, -2dB.
  - **Mid EQ (Switches 3-4):** Adjusts mid-range frequency response. Options typically include 0dB, +1dB, -1dB, -2dB.
  - **Acoustic Space (Switches 5-6):** Compensates for bass buildup when monitors are placed near walls or corners. Options typically include 0dB, -1dB, -2dB, -4dB.
  - **Low Freq Cutoff (Switches 7-8):** Applies a high-pass filter to cut off low frequencies, useful

when using a subwoofer. Options typically include Flat, 60Hz, 80Hz, 100Hz.

- **Power Switch:** Turns the monitor on or off.

## Maintenance

To ensure the longevity and optimal performance of your Fluid Audio FX50 monitors, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the cabinet. Avoid abrasive cleaners, solvents, or waxes. Do not spray liquids directly onto the monitor.
- **Placement:** Keep monitors away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the units.
- **Handling:** Handle with care. Avoid dropping or subjecting the monitors to strong impacts.
- **Power:** Disconnect the power cable from the wall outlet if the monitors will not be used for an extended period.

## Troubleshooting

If you encounter issues with your FX50 monitors, refer to the following common troubleshooting steps:

- **No Sound:**

- Check all power connections and ensure the monitor is switched on.
- Verify that audio cables are securely connected to both the monitor and the audio source.
- Ensure the volume knob on the monitor and your audio source is turned up.
- Test with a different audio source or cable to rule out faulty equipment.

- **Hissing Noise:**

- A slight hiss can be normal at high volume settings with no input. Reduce the monitor's volume if the hiss is excessive.
- Ensure you are using balanced cables (XLR or TRS) for longer runs to minimize interference.
- Check for ground loops by ensuring all audio equipment is plugged into the same power strip or outlet.

- **Distorted Sound:**

- Lower the input level from your audio source or the monitor's volume.
- Check for damaged cables.
- Ensure the EQ dip switches are not set to extreme values that might cause clipping.

## Specifications

Feature	Specification
Model Name	FX50
Speaker Type	Dual concentric "coaxial" driver
Recommended Uses	Professional Audio Production and Critical Listening

Compatible Devices	Laptop, MP3 Player, Smartphone, Tablet
Woofer Diameter	5 Inches
Surround Sound Channel Configuration	2.0
Color	Black
Included Components	XLR, TRS, RCA cables
Item Weight	8.15 Pounds
Power Source	Corded Electric
Control Method	Remote (referring to EQ dip switches and volume knob)
Connectivity Technology	XLR, TRS, RCA
Audio Output Mode	Stereo
Mounting Type	Tabletop Mount
Product Dimensions	9.06 x 6.93 x 9.21 inches
Speaker Maximum Output Power	90 Watts

## Official Product Video (FX80 Series Overview)

This video provides an overview of the Fluid Audio FX80 studio monitor, a related model in the same FX series. It highlights key features such as the coaxial driver design, imaging, depth of field, and rear panel controls, which are also present in the FX50 model. Please note that specific power ratings and driver sizes will differ between the FX80 and FX50.

## Warranty and Support

The Fluid Audio FX50 monitor comes with a Limited Warranty. For detailed information regarding warranty terms, coverage, and how to obtain service, please refer to the warranty card included with your product or visit the official Fluid Audio website.

For further assistance, technical support, or to view additional product resources, please visit the [Fluid Audio Store on Amazon](#) or the official Fluid Audio website.