

## M-AUDIO AV 30

# M-Audio Studiophile AV 30 Active Studio Monitor Speakers User Manual

Model: AV 30 (9900-65139-00)

## INTRODUCTION

The M-Audio Studiophile AV 30 Active Studio Monitor Speakers are designed to provide accurate sound reproduction for various audio applications. This manual provides essential information for setting up, operating, and maintaining your speakers to ensure optimal performance.

Key features include:

- **3-inch polypropylene-coated woofers:** Engineered for tight, accurate bass response.
- **1-inch ferrofluid-cooled silk dome tweeters:** Deliver clear, smooth high frequencies.
- **OptImage III tweeter wave guides:** Provide precision imaging for a balanced stereo field.
- **10-watt-per-channel amplifier with Class A/B architecture:** Offers professional design and fidelity.
- **Magnetic shielding:** Reduces interference with other electronic equipment, suitable for multimedia and video production environments.

## PACKAGE CONTENTS

Before proceeding with the setup, please ensure all components are present in the package:

- M-Audio Studiophile AV 30 Active Studio Monitor Speakers (Pair)
- Speaker connection cable
- Audio input cables (RCA to 3.5mm stereo, RCA to RCA)
- Power cable
- User Manual (this document)

## SETUP

## 1. Speaker Placement

Proper speaker placement is crucial for optimal sound quality. Position the speakers on a stable, flat surface, ideally at ear level when seated. For a balanced stereo image, place the speakers equidistant from your listening position, forming an equilateral triangle. Ensure there is adequate space behind the speakers for ventilation and cable connections.

The active speaker (with the volume knob and inputs) typically serves as the left channel, and the passive speaker as the right channel. Verify this based on the rear panel markings.



Front view of the M-Audio Studiophile AV 30 speakers. The right speaker features a volume knob, auxiliary input, and headphone jack on the front panel.

## 2. Connections

Before making any connections, ensure the speakers are powered off and unplugged from the electrical outlet.

- 1. Connect the Passive Speaker:** Use the included speaker connection cable to link the active speaker to the passive speaker. Connect the positive (+) terminal on the active speaker to the positive (+) terminal on the passive speaker, and the negative (-) terminal on the active speaker to the negative (-) terminal on the passive speaker.
- 2. Connect Audio Source:**
  - For devices with RCA outputs (e.g., audio interface, DVD player), use the RCA to RCA cable to connect to the RCA inputs on the active speaker's rear panel.
  - For devices with a 3.5mm stereo output (e.g., computer, smartphone), use the RCA to 3.5mm stereo cable to connect to the RCA inputs on the active speaker's rear panel.
- 3. Connect Power:** Plug the power cable into the active speaker's power input, then plug the other end into a standard electrical outlet.



Rear panel of the active M-Audio AV 30 speaker, displaying RCA inputs (L/R) and speaker wire terminals for connecting to the passive speaker.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

Locate the power switch on the rear panel of the active speaker. Flip the switch to the 'ON' position to power on the speakers. The blue LED around the volume knob on the front panel will illuminate. To power off, flip the switch to the 'OFF' position.

*Note: It is recommended to turn the volume knob to its minimum setting before powering on or off to prevent sudden loud noises.*

### 2. Volume Control

Adjust the overall output volume using the large knob on the front panel of the active speaker. Turn clockwise to increase volume and counter-clockwise to decrease it.

### 3. Front Panel Inputs/Outputs

- **Auxiliary Input (3.5mm):** Connect portable audio devices like smartphones or MP3 players directly to this input. When a device is connected here, it typically overrides the rear RCA inputs.
- **Headphone Output (3.5mm):** Connect headphones to this jack for private listening. When headphones are connected, the speaker output will be muted.

## MAINTENANCE

To ensure the longevity and optimal performance of your M-Audio Studiophile AV 30 speakers, follow these

maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the speaker cabinets. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish.
- **Ventilation:** Ensure that the rear panel of the active speaker has adequate airflow. Do not block the vents, as this can lead to overheating.
- **Environment:** Keep the speakers away from direct sunlight, heat sources, and excessive moisture. Avoid placing them in dusty environments.
- **Cable Management:** Periodically check all cable connections to ensure they are secure and free from damage.

## TROUBLESHOOTING

If you encounter issues with your Studiophile AV 30 speakers, refer to the following common problems and solutions:

| Problem                               | Possible Cause / Solution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No Sound                              | <ul style="list-style-type: none"><li>• Ensure the speakers are powered on and the blue LED is illuminated.</li><li>• Check all audio cable connections from your source to the active speaker.</li><li>• Verify the volume knob is turned up.</li><li>• If headphones are connected to the front panel, disconnect them.</li><li>• Ensure your audio source is playing and its volume is not muted or too low.</li><li>• Check the speaker connection cable between the active and passive speaker.</li></ul> |
| Distorted Sound                       | <ul style="list-style-type: none"><li>• Reduce the volume on both the speakers and your audio source.</li><li>• Ensure audio cables are fully inserted and not damaged.</li><li>• Test with a different audio source or cable.</li></ul>                                                                                                                                                                                                                                                                       |
| Humming or Buzzing Noise              | <ul style="list-style-type: none"><li>• Ensure all cables are securely connected.</li><li>• Try plugging the speakers into a different electrical outlet.</li><li>• Move the speakers away from other electronic devices that might cause interference.</li><li>• Check for ground loops; try using a ground loop isolator if the issue persists.</li></ul>                                                                                                                                                    |
| Intermittent Sound / Speaker Cuts Out | <ul style="list-style-type: none"><li>• Check the power cable connection.</li><li>• Inspect the speaker connection cable for any loose wires or damage.</li><li>• If the issue is with the volume knob, it might require cleaning of the potentiometer. This should only be attempted by qualified service personnel.</li></ul>                                                                                                                                                                                |
| One Speaker Not Working               | <ul style="list-style-type: none"><li>• Verify the speaker connection cable between the active and passive speaker is correctly and securely connected.</li><li>• Check the balance settings on your audio source.</li><li>• Test with a different audio source or cable to rule out source issues.</li></ul>                                                                                                                                                                                                  |

## SPECIFICATIONS

| Feature                   | Detail                                                                        |
|---------------------------|-------------------------------------------------------------------------------|
| Model Number              | 9900-65139-00                                                                 |
| Speaker Type              | Active Studio Monitor Speakers (Pair)                                         |
| Woofers Size              | 3-inch polypropylene-coated                                                   |
| Tweeter Size              | 1-inch ferrofluid-cooled silk dome                                            |
| Amplifier Output          | 10 watts per channel (Class A/B)                                              |
| Frequency Response        | <i>(Information not provided in source data, typical for studio monitors)</i> |
| Inputs                    | RCA stereo inputs (rear), 3.5mm auxiliary input (front)                       |
| Outputs                   | 3.5mm headphone output (front), speaker wire terminals for passive speaker    |
| Magnetic Shielding        | Yes                                                                           |
| Dimensions (each speaker) | 6.3 x 5.3 x 7.9 inches (16 x 13.5 x 20 cm)                                    |
| Weight (pair)             | Approximately 9.1 pounds (4.1 kg)                                             |

## WARRANTY INFORMATION

M-Audio products are covered by a limited warranty. Specific warranty terms and conditions may vary by region and purchase date. Please retain your proof of purchase for warranty claims.  
For detailed warranty information, please visit the official M-Audio website or contact their customer support directly.

## SUPPORT

For further assistance, technical support, or to download the latest drivers and software (if applicable), please visit the official M-Audio support website:  
[www.m-audio.com/support](http://www.m-audio.com/support)  
You may also find helpful resources and FAQs on their website.