

M-AUDIO FORTYSIXTY

M-AUDIO Forty Sixty 6.5-inch Studio Monitor Speaker User Manual

Model: FORTYSIXTY | Brand: M-AUDIO

Welcome

Thank you for choosing the M-AUDIO Forty Sixty 6.5-inch Studio Monitor Speaker. This manual provides essential information for setting up, operating, and maintaining your new studio monitor. Please read it thoroughly to ensure optimal performance and safe use of your device.

IMPORTANT SAFETY INSTRUCTIONS

- **Electrical Safety:** Always connect the speaker to a grounded power outlet. Do not expose the unit to rain or moisture.
- **Hearing Protection:** This loudspeaker is capable of delivering sound pressure levels of more than 85 dB, which may cause permanent hearing damage. Use caution when adjusting volume levels.
- **Ventilation:** Ensure adequate ventilation around the speaker. Do not block any ventilation openings.
- **Placement:** Place the speaker on a stable, level surface to prevent it from falling.

PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Forty Sixty Speaker
- Isolation Pad
- Power Cable
- Quickstart Guide
- Safety & Warranty Manual

PRODUCT OVERVIEW

The M-AUDIO Forty Sixty 6.5-inch Studio Monitor is a 100W bi-amplified speaker designed for precise audio reproduction. It features a 6.5-inch Kevlar woofer for extended bass response and a 1-inch high-

frequency driver with waveguide for clear highs. Advanced DSP processing and Burr-Brown analog-to-digital conversion ensure detailed sound. The speaker also offers Bluetooth 5.3 TWS audio streaming and control via the M-AUDIO Forty Series Control App.



A front-angled view of the M-AUDIO Forty Sixty 6.5-inch Studio Monitor Speaker, showcasing its black cabinet, gold Kevlar woofer, and tweeter.

SETUP

Physical Placement

Proper placement of your studio monitors is crucial for accurate sound reproduction. Position the speakers to form an equilateral triangle with your listening position. Ensure the tweeters are at ear level. Use the included isolation pads to minimize unwanted vibrations and improve acoustic performance.



A person seated at a desk in a home studio environment, with two M-AUDIO Forty Sixty speakers positioned on either side of a computer monitor and keyboard.

Connections

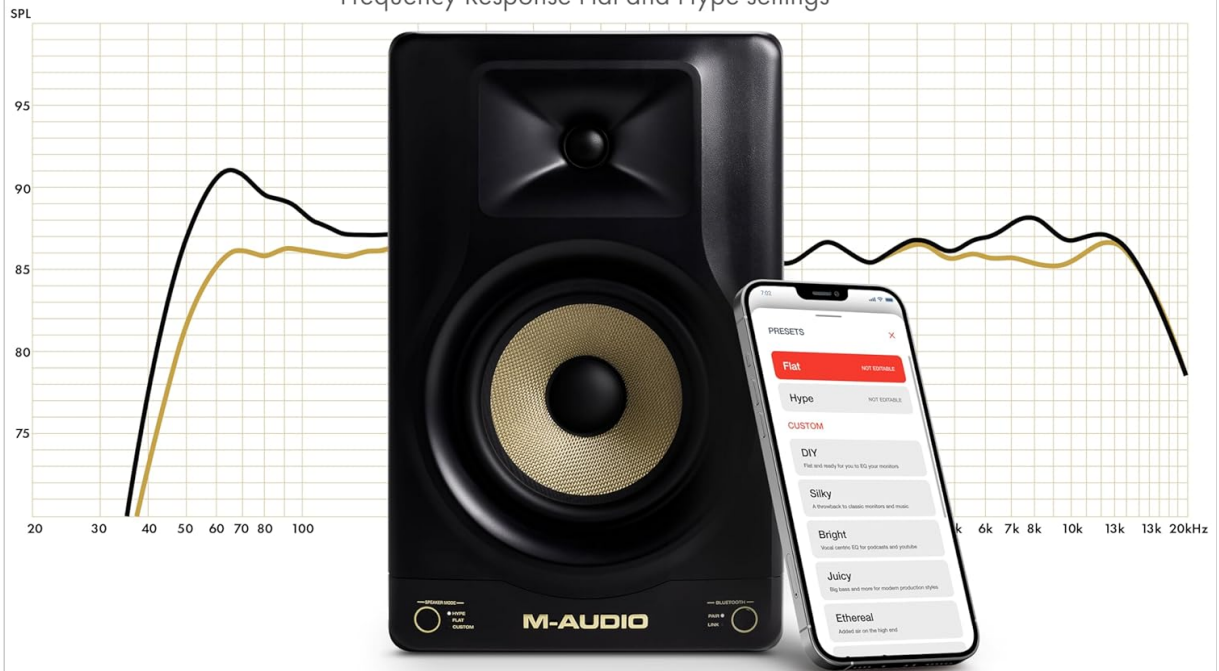
The M-AUDIO Forty Sixty offers versatile input options for various audio setups:

- **XLR Input:** For balanced connections from professional audio interfaces or mixers.
- **TRS Input:** For balanced or unbalanced connections from audio interfaces, DJ rigs, or other studio equipment.

Connect your audio source to the desired input on the rear panel of the speaker. Ensure the power cable is securely connected to the speaker and a grounded power outlet.

VERSATILE INSTANT LISTENING MODES

Frequency Response Flat and Hype settings



INSTANT FRONT PANEL FLAT AND HYPE REFERENCE MODES

FLAT MODE
FOR FLAT RESPONSE
TRANSPARENT MIXING

HYPE MODE
FOR GENUINE MIX CHECK UP
IN THE STUDIO

Use the app for many more modes to dial your monitors in

The rear panel of the M-AUDIO Forty Sixty speaker, displaying the XLR and TRS input jacks, volume knob, power switch, and other controls.



A close-up shot of the balanced XLR and TRS input ports on the rear of the M-AUDIO Forty Sixty speaker, with connection diagrams.

Official Product Video: M-AUDIO FORTY series

An official M-AUDIO video showcasing the features and use cases of the Forty Series studio monitors, including connections and studio environments.

OPERATING INSTRUCTIONS

Power On/Off

Locate the power switch on the rear panel of the speaker. Flip the switch to the 'ON' position to power on the unit. The power indicator LED on the front will illuminate. To power off, flip the switch to the 'OFF' position.

Volume Control

Adjust the overall output volume using the 'Volume' knob on the rear panel. Start with a low volume and gradually increase it to your desired listening level.

Listening Modes

The Forty Sixty features front panel buttons for instant listening modes:

- **FLAT Mode:** Provides a true, uncolored mix reference for accurate sound.
- **HYPE Mode:** Simulates how your mix will sound on consumer devices like earbuds or car stereos.
- **CUSTOM Mode:** Allows you to apply personalized EQ settings configured via the M-AUDIO Forty Series Control App.

CUSTOM SOUND, YOUR WAY

TAILOR EQUALIZATION AND PRESETS
WITH THE M-AUDIO STUDIO CONTROL APP



**TRUE WIRELESS
STREAMING**
ANY DEVICE | ANY APP

The front bottom panel of the M-AUDIO Forty Sixty speaker, showing the 'Speaker Mode' buttons for HYPE, FLAT, and CUSTOM listening modes.

Bluetooth Connectivity

The Forty Sixty supports Bluetooth 5.3 True Wireless Stereo (TWS) audio streaming. To pair your device:

1. Ensure the speaker is powered on.
2. Activate Bluetooth on your audio device (smartphone, tablet, etc.).
3. Select 'M-AUDIO Forty Sixty' from the list of available Bluetooth devices.
4. Once paired, the Bluetooth indicator on the speaker will illuminate. For TWS pairing with a second speaker, refer to the Quickstart Guide.

EXPERIENCE YOUR SOUND



((100W))

**BI-AMPLIFIED
POWER**



**6,5" KEVLAR
WOOFER**



**REAR PANEL
TRIM CONTROL**



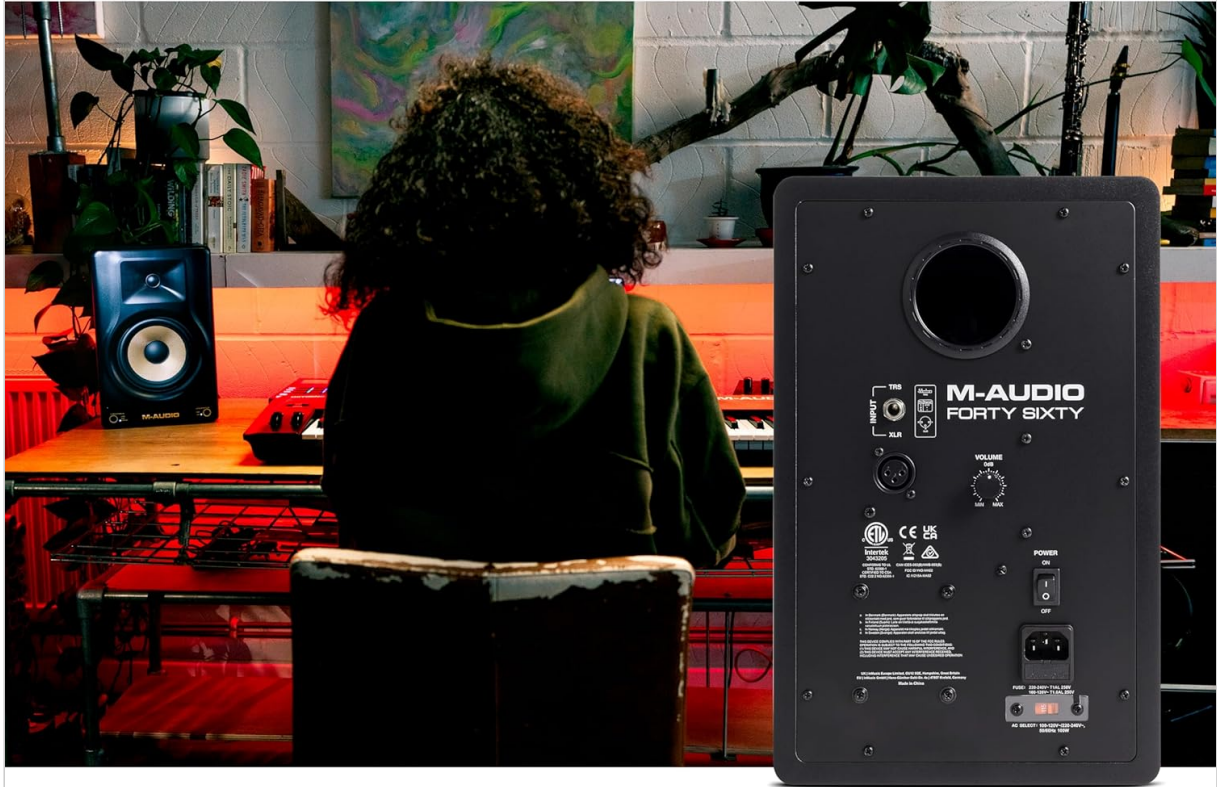
**LINKING
AND STREAMING**

A close-up of the M-AUDIO Forty Sixty speaker on a desk, with a Bluetooth icon overlaid, indicating its wireless streaming capability.

M-AUDIO Forty Series Control App

Download the M-AUDIO Forty Series Control App to access advanced features, including customizable presets and a 5-band equalizer. The app allows you to fine-tune your speaker's output to match your room's acoustics and personal preferences.

THE CREATOR'S WORKHORSE



**BI-AMPLIFIED,
REAR-PORTED
DESIGN**



**EXTENDED
BASS RESPONSE**



**HIGH-FREQUENCY
DRIVERS WITH
WAVEGUIDE**



**XLR AND TRS
ANALOG INPUTS**

A smartphone screen displaying the M-AUDIO Forty Series Control App, illustrating the graphical equalizer and various sound presets for custom tuning.

ACOUSTIC TUNING

The Forty Sixty incorporates precision DSP crossover and professional-grade Burr-Brown analog-to-digital conversion to ensure accurate and detailed sound. These technologies work together to deliver a balanced frequency response, crucial for critical listening and mixing.

GROUNDBREAKING PRECISION AND CLARITY



**ABOVE AND BEYOND
SOUND QUALITY**



**120DB PRO-GRADE
BURR-BROWN
A-D CONVERTER**



**PRECISION DSP
CROSSOVER AND EQ**

The M-AUDIO Forty Sixty speaker in a studio setting, with text highlighting 'Groundbreaking Precision and Clarity' and icons for Burr-Brown A/D conversion and DSP processing.

COMPACT AND VERSATILE

DESIGNED FOR MUSIC MAKERS



A detailed close-up of the M-AUDIO Forty Sixty's 6.5-inch Kevlar woofer, showing its textured surface.



A detailed close-up of the M-AUDIO Forty Sixty's 1-inch high-frequency driver, set within its waveguide.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the speaker in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Protection:** Protect the speaker cones from physical damage.

TROUBLESHOOTING

- **No Audio Output:**
 - Ensure the speaker is powered on and the volume is turned up.
 - Verify that the audio source is connected correctly to the appropriate input (XLR or TRS).
 - Check the input switch on the rear panel to ensure it matches your connected input type.
 - Confirm that your audio source is playing and its volume is adequate.
- **Unexpected Popping Sound:**
 - A popping sound may occur if the Bluetooth pairing is lost. Try forgetting the speaker in your device's Bluetooth settings and re-pairing.
 - Ensure all connections are secure and free from interference.

SPECIFICATIONS

Feature	Specification
Brand	M-AUDIO
Model Name	FORTYSIXTY
Speaker Size	6.5 Inches
Speaker Maximum Output Power	100 Watts
Woofer Diameter	6.5 Inches
Tweeter Diameter	1 Inches
Connectivity Technology	Bluetooth
Bluetooth Version	5.3
Control Method	App
Product Dimensions	8.6"D x 8.5"W x 13.2"H
Item Weight	15.84 pounds (7.2 Kilograms)
Material	Plastic
Color	Black

Feature	Specification
Power Source	Corded Electric
Frequency Response	22 KHz (Upper limit)

WARRANTY AND SUPPORT

The M-AUDIO Forty Sixty Studio Monitor comes with a Limited Warranty. Please refer to the included Safety & Warranty Manual for detailed terms and conditions.

For technical support, troubleshooting assistance, or further inquiries, please visit the official M-AUDIO website or contact their customer service department.