

IK Multimedia IP-ILOUD-MTM-IN

IK Multimedia iLoud MTM User Manual

Model: IP-ILOUD-MTM-IN

Brand: IK Multimedia

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your IK Multimedia iLoud MTM studio monitor. The iLoud MTM is designed to deliver incredibly clear linear phase sound and deep, extended bass, making it ideal for studio, desktop, or bookshelf use.

SAFETY INFORMATION

Please read and follow all safety instructions carefully before operating the iLoud MTM. Retain this manual for future reference.

- Do not expose the unit to rain, moisture, dripping, or splashing.
- Ensure proper ventilation; do not block any ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Disconnect the unit during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- IK Multimedia iLoud MTM Studio Monitor (Single Unit)
- ARC Microphone cable
- Power Cable
- Adjustable stand/tilt base

PRODUCT OVERVIEW



Figure 1: Front view of the iLoud MTM studio monitor, showcasing its dual woofers, tweeter, and the included ARC microphone for acoustic calibration.





Figure 2: Rear panel of the iLoud MTM, detailing the various controls and input/output ports, including LF Extension, LF/HF trim, CAL/Preset button, Volume, Input, ARC Mic In, USB, Power AC, and Power switch.

The iLoud MTM features a compact design with a powerful 100W output. It includes dual 3-inch woofers and a 1-inch

tweeter, providing a wide frequency response. The rear panel offers controls for acoustic adjustment and connectivity.

- **Front Panel:** Features the main speaker drivers and an LED indicator.
- **Rear Panel:** Contains all input/output connections and acoustic calibration controls.
- **Adjustable Stand:** Allows for tilting the monitor to optimize listening angle.

SETUP

1. Placement

Position the iLoud MTM monitors on a stable surface, ideally at ear level in your listening position. Use the included adjustable stand to tilt the monitors for optimal sound projection towards your ears. Ensure there is adequate space behind the monitors for proper bass port function and ventilation.

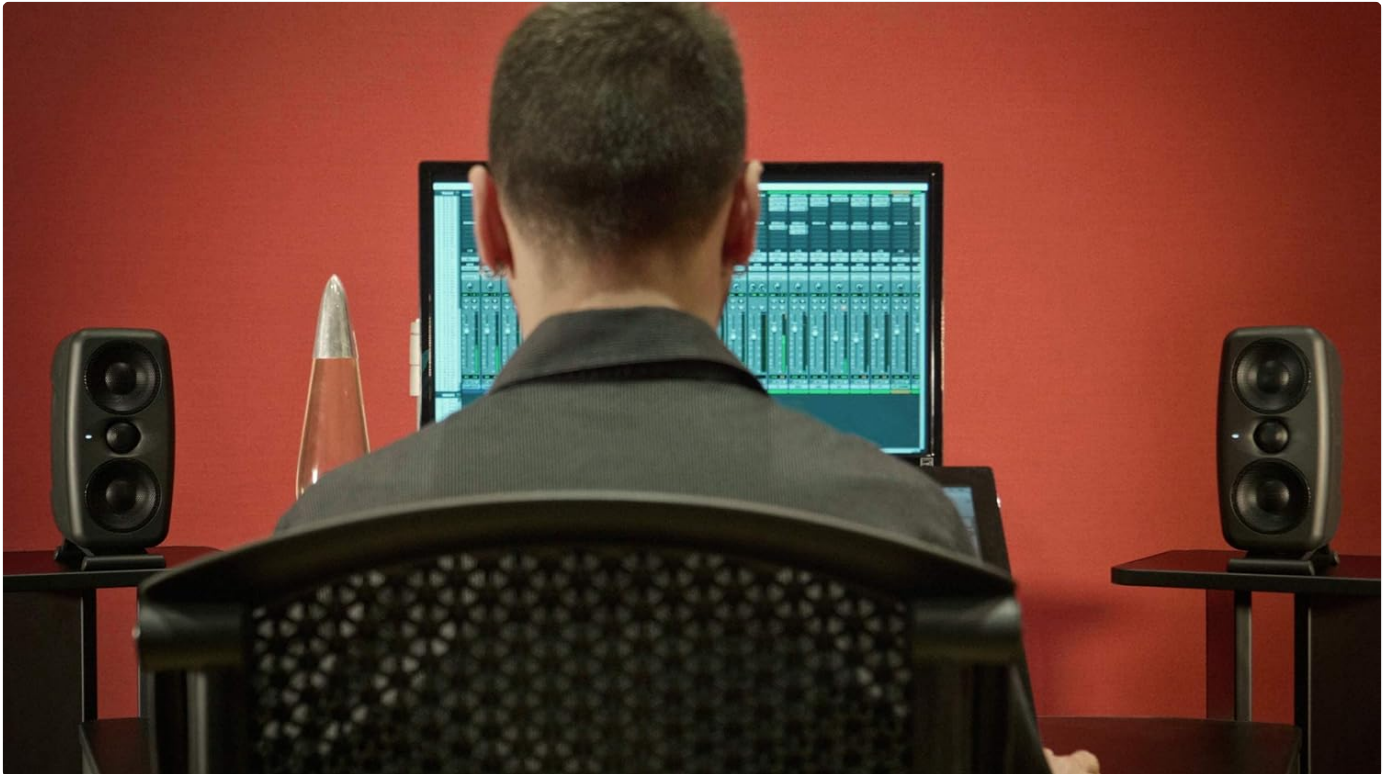


Figure 3: Proper placement of iLoud MTM monitors on a desktop for an optimal listening experience.

2. Connections

1. Connect the power cable to the AC input on the rear panel of each monitor and then to a power outlet.
2. Connect your audio source (e.g., audio interface, mixer) to the INPUT port on the rear panel using an appropriate XLR or TRS cable.
3. (Optional) Connect the included ARC Microphone to the ARC MIC IN port for acoustic calibration.
4. (Optional) Connect the USB port to your computer for firmware updates or advanced control via IK Multimedia software.

3. Acoustic Calibration (ARC)

The iLoud MTM features built-in acoustic self-calibration using the included ARC reference microphone. This process automatically adjusts the frequency response to your room environment.

1. Connect the ARC microphone to the "ARC MIC IN" port on the rear of the monitor.
2. Place the microphone at your primary listening position (where your head would be during mixing/listening).
3. Ensure the room is quiet and free from external noise.
4. Press and hold the "CAL/PRESET" button on the rear panel until the calibration process begins. The monitor will

emit a series of test tones.

5. Once complete, the monitor's internal DSP will be optimized for your room. The CAL LED will illuminate.

Note: Calibration should be performed for each monitor individually if you are using a stereo pair.

OPERATING THE iLOUD MTM

Power On/Off

Locate the POWER switch on the rear panel of the monitor. Flip the switch to the "ON" position to power on the unit. The front LED will illuminate. Flip to "OFF" to power down.

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 a comfortable listening level.

Acoustic Adjustments

The iLoud MTM offers several controls for fine-tuning the sound to your preference or room acoustics:

- **LF EXTENSION:** Adjusts the low-frequency cutoff point (40Hz, 50Hz, 60Hz). This can be useful for managing bass response in different room sizes or when using a subwoofer.
- **LF Trim:** Provides +/- 2dB adjustment for low frequencies.
- **HF Trim:** Provides +/- 2dB adjustment for high frequencies.
- **DESK:** Engages a specific EQ curve designed to compensate for reflections when monitors are placed on a desk.

Note: These manual adjustments can be made in conjunction with or instead of the ARC calibration.

MAINTENANCE

To ensure the longevity and optimal performance of your iLoud MTM monitors, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the exterior of the monitors. Do not use abrasive cleaners, waxes, or solvents.
- **Dust:** Regularly dust the speaker grilles and ventilation openings to prevent accumulation that could affect performance.
- **Storage:** If storing the monitors for an extended period, disconnect them from power and store them in a cool, dry place, ideally in their original packaging.
- **Avoid Liquids:** Keep liquids away from the monitors to prevent damage to internal components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No sound from the monitor.	◦ Power cable not connected or power switch off. ◦ Audio cable not connected properly. ◦ Volume knob set too low. ◦ Audio source not sending signal.	◦ Ensure power cable is securely connected and power switch is ON. ◦ Check all audio cable connections. ◦ Increase the volume on the monitor and your audio source. ◦ Verify the audio source is active and sending signal.
Distorted or unclear sound.	◦ Input signal too high (clipping). ◦ Incorrect acoustic settings for the room. ◦ Damaged audio cable.	◦ Reduce the output level from your audio source. ◦ Perform ARC calibration or adjust LF/HF trim and DESK settings. ◦ Try a different audio cable.
Monitor LED blinking purple or steady red/yellow.	◦ Internal power supply issue or amplifier fault.	◦ Immediately turn off the unit and disconnect from power. ◦ Contact IK Multimedia support for assistance. Do not attempt to repair yourself.
White noise or hiss.	◦ Ground loop or interference. ◦ High gain setting on monitor or source.	◦ Ensure all equipment is on the same power circuit or use a ground loop isolator. ◦ Reduce gain settings on both the monitor and the audio source.

SPECIFICATIONS

Feature	Detail
Model Name	iLoud MTM MKII
Speaker Type	Monitor, Woofer, Portable, Tweeter
Special Feature	Built-in acoustic correction and microphone
Recommended Uses	For Computers, Desktop speaker, computer speaker, speaker for DJs
Subwoofer Diameter	3 Inches
Speaker Maximum Output Power	100 Watts
Connectivity Technology	Bluetooth

Feature	Detail
Color	Black
Product Dimensions (DxWxH)	5"D x 6"W x 10"H
Item Weight	8.8 ounces (250 Grams)
Manufacturer	IK Multimedia
Item Model Number	IP-ILOUD-MTM-IN

WARRANTY AND SUPPORT

IK Multimedia products are covered by a limited warranty. For detailed warranty information, product registration, and technical support, please visit the official IK Multimedia website or refer to the documentation included with your purchase.

Online Resources:

- Official Website: www.ikmultimedia.com
- Support Page: Refer to the website for support contact information and FAQs.

Note: No official product videos from the seller were available for embedding based on the provided data.

© 2025 IK Multimedia. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question