**Yamaha MONTAGE M7**

# Yamaha MONTAGE M7 76-Key Synthesizer Instruction Manual

Model: MONTAGE M7 | Brand: Yamaha

## INTRODUCTION

The Yamaha MONTAGE M7 is a flagship music synthesizer designed for advanced sound exploration and expressive control. It features three powerful sound engines: AN-X for vintage analog sounds, AWM2 for ultra-realistic instruments, and FM-X for cutting-edge FM synthesis. The Motion Control engine provides a unique dimension of real-time control. This manual will guide you through the setup, operation, and maintenance of your MONTAGE M7, enabling you to fully utilize its capabilities in both studio and live performance environments.

## WHAT'S IN THE BOX

Upon unboxing your Yamaha MONTAGE M7, please ensure all the following items are present:

- AC Power cord
- Quick Guide
- Cubase AI Download Information
- Expanded Softsynth Plugin for MONTAGE M Download Information

## SETUP INSTRUCTIONS

### 1. Power Connection

1. Connect the supplied AC power cord to the power input on the rear panel of the MONTAGE M7.
2. Plug the other end of the power cord into a suitable AC outlet.
3. Ensure the power switch is in the OFF position before connecting to power.

## 2. Audio Connections

For sound output, connect the MONTAGE M7 to an audio interface, mixer, or powered speakers.

- Use standard 1/4-inch TS or TRS cables to connect the MAIN L/R OUTPUT jacks to your audio system.
- For headphones, connect to the PHONES jack on the front panel.

## 3. MIDI and USB Connectivity

The MONTAGE M7 offers extensive connectivity for integration with computers and other MIDI devices.

- **USB TO HOST:** Connect a USB cable from this port to your computer for MIDI and multi-channel audio data transfer.
- **USB TO DEVICE:** Use these ports to connect USB flash drives for data storage or external MIDI controllers.
- **MIDI IN/OUT/THRU:** Connect to traditional MIDI devices using 5-pin DIN MIDI cables.



Figure 1: Rear panel connections including USB and MIDI ports.



Figure 2: Full rear view of the MONTAGE M7, highlighting connectivity options.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

Locate the power switch on the rear panel. Press it to turn the unit ON. To power OFF, press the switch again. Always power off the unit when not in use to conserve energy and protect the hardware.

### 2. Sound Engines and Polyphony

The MONTAGE M7 features three primary sound engines:

- **AN-X Engine:** Recreates warm vintage analog synthesizer sounds with sophisticated modulation options.
- **AWM2 Engine:** Provides ultra-realistic instrument sounds with improved capabilities, offering up to 128 elements per part for detailed sound creation.
- **FM-X Engine:** An 8-operator FM sound design powerhouse for cutting-edge digital sounds.

The synthesizer delivers 400-note total polyphony across these three engines, ensuring smooth transitions between sounds without dropouts, even with intricate layers and splits.



Figure 3: Detailed view of the control panel and display for sound engine adjustments.

## 3. Expressive Controls

The MONTAGE M7 is equipped with various controls for dynamic performance and sound shaping:

- **FSX Action with Aftertouch:** The 76-key keyboard provides expressive playability, allowing for nuanced control over sounds.
- **Motion Control Engine:** Enhances sound manipulation with dedicated Keyboard, Part, and Scene controls.
- **Ribbon Controller:** A five-segment ribbon with a hold button for continuous parameter control.
- **Portamento Button and Time Knob:** For smooth pitch transitions between notes.
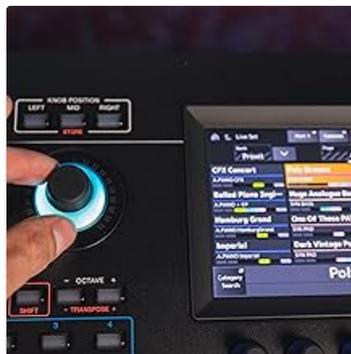


Figure 4: The Super Knob for dynamic sound control.



Figure 5: Hands-on interaction with the MONTAGE M7 keyboard.

## 4. Navigation and Sound Selection

The dynamic LCD screen and six display knobs facilitate faster navigation and deep editing. The "Page Jump" function allows quick access to detailed editing parameters from quick edit screens. The intuitive category search helps in finding desired sounds efficiently.

- Store up to 10,240 additional performances across sixteen library locations.
- Expanded Preset Wave Memory (9.97GB) and User Wave Memory (3.8GB) provide ample space for sounds.



Figure 6: Touch screen interface for sound navigation.

## MEDIA RESOURCES

### Product Overview Video

Your browser does not support the video tag.

This video provides a comprehensive overview of the Yamaha MONTAGE M Synthesizer, showcasing its features and capabilities.

### Additional Product Images



Front view of the MONTAGE M7.

Frontal perspective of the MONTAGE M7.


Angled view of the MONTAGE M7.


Alternate angled view of the MONTAGE M7.

# SPECIFICATIONS

| Feature | Detail |
|---|---|
| Brand | Yamaha |
| Model Name | Montage M7 |
| Model Number | MONTAGE M7 |
| Item Dimensions (L x W x H) | 49 x 15.56 x 5.19 inches |
| Item Weight | 37.5 Pounds |
| Material | Metal casing, Alloy Steel |
| Included Components | AC Power cord, Quick Guide, Cubase AI Download Information, Expanded Softsynth Plugin for MONTAGE M Download Information |
| Polyphony | 400-note total polyphony across 3 engines |
| Keyboard Action | FSX action with Aftertouch |
| Sound Engines | AN-X, AWM2, FM-X |
| Preset Wave Memory | 9.97GB |
| User Wave Memory | 3.8GB |
| Connectivity | USB MIDI, 6-in/32-out Audio Interface, Two USB-to-Device ports |

# MAINTENANCE

## 1. Cleaning

Regularly clean the surface of your MONTAGE M7 with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then wipe dry. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish and electronic components. Keep the keys and control surfaces free from dust and debris.

## 2. Storage

When not in use, store the synthesizer in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. If transporting the unit, use a protective case to prevent physical damage.

## 3. Software Updates

Periodically check the official Yamaha website for firmware updates. Keeping your MONTAGE M7's firmware up-to-date ensures optimal performance, new features, and bug fixes. Follow the instructions provided with each update carefully.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your MONTAGE M7.

### No Sound Output

- **Check Power:** Ensure the unit is powered on and the power cord is securely connected.
- **Volume Levels:** Verify that the Master Volume knob is turned up and individual Part/Element volumes are not muted or set too low.
- **Audio Connections:** Confirm that audio cables are correctly connected to the output jacks of the MONTAGE M7 and the input jacks of your audio system (mixer, interface, speakers).
- **Headphones:** If using headphones, ensure they are properly plugged in and the volume is adjusted.
- **Performance Selection:** Make sure a Performance is selected and active.

### MIDI Not Responding

- **Cable Connections:** Check USB or MIDI DIN cable connections.
- **Driver Installation:** Ensure the correct Yamaha USB-MIDI driver is installed on your computer.
- **MIDI Settings:** Verify MIDI settings on the MONTAGE M7 and your connected device/software (DAW) are configured correctly.

### Screen Not Responding

- **Restart:** Try powering off and on the unit.
- **Firmware:** Ensure your firmware is up to date.

If these steps do not resolve the issue, please refer to the full owner's manual or contact Yamaha customer support.

## WARRANTY INFORMATION

The Yamaha MONTAGE M7 comes with a **1-year manufacturer warranty** from Yamaha Corporation of America. This warranty applies only to products purchased from an authorized Yamaha retailer in the fifty United States (including the District of Columbia) and used within this area. Authorized retailers are equipped with the necessary sales and service support materials and training. For complete details, please review the Yamaha limited warranty for this product on the official Yamaha website.

## CUSTOMER SUPPORT

For further assistance, technical support, or service inquiries, please visit the official Yamaha Musical Instruments website or contact their customer service department. You can often find FAQs, driver downloads, and additional resources online.

**Yamaha Musical Instruments:** Visit the Yamaha Store on Amazon