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## Yamaha MODX M7

# Yamaha MODX M7 76-Key Music Synthesizer Instruction Manual

Model: MODX M7 | Brand: Yamaha

## 1. INTRODUCTION

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The Yamaha MODX M7 is a 76-key music synthesizer designed for keyboardists seeking exceptional sound, expressive control, and a streamlined workflow. This instrument is suitable for both stage and studio environments, offering a compact and lightweight design. It incorporates advanced sound engines for recreating analog synths, modern FM synths, and realistic instruments, providing a diverse range of sonic possibilities. Intuitive performance controls, including physical faders and a Super Knob, enable real-time expression, complemented by an improved keyboard action for enhanced playability. The included Expanded Softsynth Plugin (ESP) facilitates integration with your preferred Digital Audio Workstation (DAW).

## 2. INCLUDED ITEMS

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Verify that all the following items are included in your package:

- AC Adaptor: PA-300C
- Quick Guide
- Cubase AI Download Information
- Expanded Softsynth Plugin for MODX M Download Information

# Included Items

- AC Adaptor: PA-300C
- Quick Guide
- Cubase AI Download Information
- Expanded Softsynth Plugin for MODX M Download Information



Figure 2.1: The image displays the Yamaha MODX M7 synthesizer along with its included accessories: an AC adaptor (PA-300C), a Quick Guide, and information cards for Cubase AI and the Expanded Softsynth Plugin.

## 3. SETUP

### 3.1 Power Connection

1. Connect the supplied AC adaptor (PA-300C) to the DC IN jack on the rear panel of the MODX M7.
2. Plug the AC adaptor into a standard wall outlet.
3. Press the [POWER] button to turn on the instrument.

### 3.2 Audio Connections

Connect the MODX M7 to an audio system, headphones, or a computer using appropriate cables. The instrument features 10 OUT / 4 IN audio interface capabilities via USB.



Figure 3.1: This image illustrates the USB MIDI and Audio Interface connections on the MODX M7, highlighting its capability for seamless integration with a computer for recording and playback.

## 4. OPERATING THE SYNTHESIZER

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### 4.1 Basic Navigation

The MODX M7 features an upgraded navigation system with a color touch screen and 6 dedicated display knobs for quick and intuitive sound editing and operation.

### 4.2 Sound Engines

The synthesizer is equipped with three powerful sound engines:

- **AN-X Engine:** Recreates classic analog synthesizer sounds.
- **AWM2 Engine:** Delivers ultra-realistic instrument sounds.
- **FM-X Engine:** Offers cutting-edge modern synth sounds.



Figure 4.1: A close-up of the MODX M7's screen displaying the AN-X Engine interface, used for crafting classic analog synth sounds.



Figure 4.2: The MODX M7's screen showing the AWM2 Engine interface, which provides access to ultra-realistic instrument sounds.

### 4.3 Expressive Control

The MODX M7 offers intuitive performance controls for real-time expression:

- **8 Physical Faders:** For adjusting various parameters and mixing sounds.
- **Super Knob:** A versatile control for morphing between sounds and complex parameter changes.
- **Improved Keyboard Action:** 76 semi-weighted keys provide a faster, more substantial synth action for enhanced playability.



Figure 4.3: A detailed view of the MODX M7's control panel, showcasing the 8 physical faders and various buttons for sound modification.



Figure 4.4: A hand is shown operating the Super Knob on the Yamaha MODX M7, demonstrating its central role in expressive sound manipulation.

#### 4.4 Motion Control Synthesis Engine

This engine allows for dynamic and expressive sound creation through programmable control sequences.



Figure 4.5: The MODX M7's display showing the Motion Control Synthesis Engine interface, illustrating its visual programming capabilities for dynamic sound design.

#### 4.5 DAW Integration

The Expanded Softsynth Plugin (ESP) replicates the MODX M in your favorite DAW, allowing you to create, edit, and mix sounds seamlessly within your production environment. Cubase AI download information is included.



Figure 4.6: A screenshot of the Cubase AI software interface, demonstrating its functionality for music production and integration with the MODX M7.

## 5. MAINTENANCE

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### 5.1 Cleaning

Wipe the surface of the instrument with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the finish.

### 5.2 Storage

Store the instrument in a cool, dry place away from direct sunlight and extreme temperatures. When transporting, use a protective case to prevent damage.

## 6. TROUBLESHOOTING

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### 6.1 No Sound

- Check all audio cable connections.
- Ensure the master volume is turned up.
- Verify that the correct sound is selected and not muted.

### 6.2 Power Issues

- Confirm the AC adaptor is securely connected to both the instrument and the power outlet.
- Ensure the power outlet is functional.

## 7. SPECIFICATIONS

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Feature	Detail
Model Name	MODX M Series
Number of Keys	76
Keyboard Action	Semi-weighted
Dimensions	49 x 18 x 9.25 inches
Item Weight	25.6 pounds

Operating System Compatibility	Windows, macOS
Special Features	Advanced Sequencer, Digital Effects, Lightweight, Preset Tones & Rhythms, Programmable
UPC	889025163712

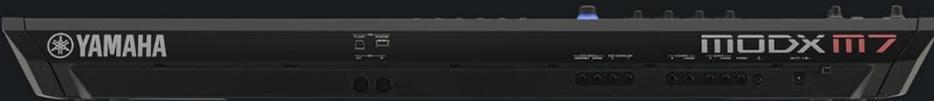
# Weight and Dimensions

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**1,089 mm**  
(42-7/8")



**347 mm**  
(13-11/16")



**117 mm**  
(4-5/8")



**7.6 kg** (16 lbs. 12 oz.)

Figure 7.1: This image provides a visual representation of the Yamaha MODX M7's dimensions and weight, indicating its compact and lightweight design.

## 8. OFFICIAL PRODUCT VIDEOS

### Yamaha MODX M Synthesizer Overview

Your browser does not support the video tag.

This video provides a comprehensive overview of the Yamaha MODX M Synthesizer series, highlighting its key features, sound engines, and performance capabilities. It offers insights into the instrument's design and functionality from the manufacturer.

## Yamaha MODX6 61-Key Synthesizer

Your browser does not support the video tag.

This video showcases the Yamaha MODX6 61-Key Synthesizer, demonstrating its features and sound capabilities. While specifically featuring the MODX6, much of the core functionality and sound architecture is shared across the MODX M series, including the M7.

## 9. WARRANTY AND SUPPORT

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For detailed warranty information and technical support, please refer to the official Yamaha website or contact Yamaha customer service. Keep your purchase receipt for warranty claims.