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## Yamaha DM3S

# Yamaha DM3 Standard Digital Mixer Instruction Manual

MODEL: DM3S

## 1. Introduction

The Yamaha DM3 Standard is a compact yet highly capable digital mixer designed for a variety of audio applications, including live sound, streaming, recording, and music production. It offers high-quality sound with a 96 kHz sampling rate and intuitive operation, making it suitable for both professional and personal use. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your DM3 Standard mixer.

## 2. Key Features

- 8+1 Fader configuration for precise control.
- 9-inch Multi-Touch Screen for intuitive navigation and parameter adjustment.
- Input Mixing Channels: Mono 16ch + Stereo 1ch + FX Return 2ch.
- Bus Configuration: 1 x Stereo, 6 x Mix, 2 x FX, and 2 x Matrix (Compatible with Input to Matrix).
- Local I/O: 16 inputs (12 XLR + 4 XLR/TRS combo) and 8 outputs (XLR).
- Supports 96kHz sampling rates for high-fidelity audio processing.
- Equipped with a 2-series multi-effect processor, including new REV HD and REV R3 reverbs.
- USB connectivity for up to 18-channel audio input/output for multi-track recording with DAW software.
- Front panel USB port for 2-track recording directly to a USB device.
- QuickPro Presets for rapid setup of input channels (vocals, drums) and output channels (speaker systems, in-ear monitors).
- Compatible with various applications for remote control: DM3 Editor (Windows/Mac), DM3 StageMix (iPad), and MonitorMix (tablets/smartphones).
- DAW remote control support via USB for Steinberg Cubase/Nuendo and other DAWs.

## 3. Setup

Before operating your Yamaha DM3 Standard mixer, ensure proper setup. This involves connecting power, audio inputs, and audio outputs.

### 3.1 Power Connection

Connect the supplied power cable to the DC input on the rear panel of the mixer and then to a suitable AC power outlet. Ensure the power switch is in the OFF position before connecting.

### 3.2 Audio Input Connections

The DM3 Standard features 16 analog inputs on the rear panel. Use XLR cables for microphone inputs (channels 1-12) and XLR or TRS phone combo jacks for line-level inputs (channels 13-16). Connect your microphones, instruments, and other audio sources to the appropriate input jacks.



**Image Description:** This image displays the rear panel of the Yamaha DM3 Standard digital mixer. It clearly shows the various input and output connectors, including 12 XLR microphone inputs, 4 XLR/TRS combo inputs, and 8 XLR outputs. The DC input for power and a USB TO HOST port are also visible.

### 3.3 Audio Output Connections

Connect your main speakers, monitors, or recording devices to the 8 XLR output jacks on the rear panel. Ensure correct left/right channel assignment for stereo outputs.

### 3.4 USB Connections

For multi-track recording or DAW remote control, connect a USB cable from the USB TO HOST port on the rear panel to your computer. For 2-track recording, insert a USB storage device into the USB port on the front panel.

## 4. Operating the Mixer

The DM3 Standard offers intuitive control through its physical faders, buttons, and the 9-inch multi-touch screen.



**Image Description:** This image shows the top-down view of the Yamaha DM3 Standard digital mixer. The 9-inch multi-touch screen is prominent, displaying detailed channel equalization (EQ) and dynamics settings. Below the screen are eight channel faders, along with corresponding 'SEL' (Select) and 'ON' buttons, and a main stereo fader. User-defined keys and fader bank selection buttons are also visible on the right side.

#### 4.1 Channel Selection and Faders

Use the physical faders to adjust the volume of individual channels. Press the 'SEL' button above a fader to select that channel for detailed parameter adjustments on the touch screen. The 'ON' button activates or deactivates the channel.

## 4.2 Touch Screen Interface

The 9-inch multi-touch screen provides access to all mixer parameters. Once a channel is selected, you can adjust its EQ, dynamics (compression, gate), effects sends, and more. The screen displays visual representations of EQ curves and dynamics processing, allowing for precise adjustments.

## 4.3 Effects and Processing

The DM3 Standard includes a comprehensive suite of effects and processing tools. Access these through the touch screen to apply reverb, delay, and other effects to your audio. The multi-effect processor offers 18 different effects, enhancing your sound production capabilities.

## 4.4 QuickPro Presets

Utilize the QuickPro Presets for fast and efficient setup. These presets are optimized for various microphones, instruments, and speaker systems, providing a great starting point for your mix.

## 5. Recording Capabilities

The DM3 Standard offers versatile recording options:

- **Multi-track Recording:** Connect the mixer to a Windows or Mac computer via USB to record up to 18 channels of audio directly into your Digital Audio Workstation (DAW) software. This allows for detailed post-production and mixing.
- **2-Track Recording:** For quick and convenient recording, insert a USB storage device into the front panel USB port. The mixer can record a stereo mix directly to the USB device.
- **DAW Remote Control:** The mixer supports DAW remote control functionality, allowing you to manage levels, transport controls (play, stop, record), and automation within your DAW directly from the DM3S.

## 6. Software Applications

Enhance your workflow with dedicated software applications:

- **DM3 Editor:** A Windows/Mac application for remote access and control of most mixer functions, ideal for offline preparation or detailed setup.
- **DM3 StageMix:** An iPad application that allows for remote mixing from the stage, providing flexibility during live performances.
- **MonitorMix:** An application for tablets or smartphones that enables individual performers to adjust their own monitor mixes, reducing the need for a dedicated monitor engineer.

## 7. Maintenance

Proper maintenance ensures the longevity and optimal performance of your DM3 Standard mixer.

- **Cleaning:** Regularly wipe the surface of the mixer with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Avoid abrasive cleaners or solvents.
- **Dust Protection:** When not in use, cover the mixer to protect it from dust and debris, especially the faders and touch screen.
- **Environmental Conditions:** Operate and store the mixer in a clean, dry environment away from extreme temperatures, humidity, and direct sunlight.
- **Ventilation:** Ensure proper ventilation around the mixer to prevent overheating. Do not block any ventilation openings.

## 8. Troubleshooting

If you encounter issues with your DM3 Standard mixer, try the following basic troubleshooting steps:

- **No Power:** Check that the power cable is securely connected to both the mixer and the power outlet. Ensure the power switch is in the ON position.
- **No Sound:** Verify all audio cables are correctly connected to inputs and outputs. Check channel fader levels, master fader level, and ensure channels are 'ON'. Confirm that the correct input source is selected for each channel.
- **Distorted Sound:** Check input gain levels to ensure they are not too high, causing clipping. Adjust EQ and dynamics settings if necessary.
- **Touch Screen Unresponsive:** Try restarting the mixer. If the issue persists, consult the full user manual for calibration or reset procedures.
- **Software Connection Issues:** Ensure your computer or mobile device is on the same network as the mixer (if using wireless control) and that firewall settings are not blocking the connection.

For more detailed troubleshooting or complex issues, refer to the comprehensive Yamaha DM3 Standard User Manual available on the official Yamaha website or contact Yamaha support.

## 9. Specifications

Feature	Specification
Item Weight	21.3 pounds
Package Dimensions	21.65 x 17.72 x 5.51 inches
ASIN	B0C239CRVG
Item model number	DM3S
Is Discontinued By Manufacturer	No
Date First Available	April 22, 2023
Power Source	Corded Electric
Brand	Yamaha
Number of Channels	16
Connectivity Technology	USB
Output Connector type	XLR

## 10. Warranty and Support

For detailed warranty information regarding your Yamaha DM3 Standard digital mixer, please refer to the warranty card included with your product or visit the official Yamaha website. Warranty terms and conditions may vary by region.

For technical support, product registration, or service inquiries, please contact Yamaha customer support through their official website or the contact information provided in your product documentation. Keeping your purchase receipt is recommended for warranty claims.

