**MIDAS MR18**

# MIDAS MR18 Digital Mixer User Manual

18-Input Digital Mixer for iPad/Android Tablets

## 1. INTRODUCTION

The MIDAS MR18 is an 18-input digital mixer designed for studio and live applications, controllable via iPad or Android tablets. It features 16 award-winning MIDAS PRO microphone preamplifiers, an integrated tri-mode Wi-Fi router, and an 18x18 channel bidirectional USB2.0 audio interface. This manual provides essential information for setting up, operating, and maintaining your MR18 mixer.

## 2. IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

## 3. PACKAGE CONTENTS

Upon unpacking your MIDAS MR18, please ensure all components are present and in good condition. The package should contain:

- MIDAS MR18 Digital Mixer
- Power Supply Unit
- Quick Start Guide (this manual)

If any items are missing or damaged, please contact your dealer immediately.

## 4. PRODUCT OVERVIEW

The MIDAS MR18 is a compact, rack-mountable digital mixer designed for intuitive control via tablet or computer. It features a robust set of inputs and outputs, integrated Wi-Fi, and a high-quality USB audio interface.

### 4.1 Front Panel

**Figure 4.1:** Front view of the MIDAS MR18 digital mixer. This image displays the input connectors, status LEDs, and the USB port.

The front panel of the MR18 provides access to the primary input channels and essential status indicators:

- **Input Channels 1-16:** Combo XLR/TRS jacks for microphone and line-level inputs. These inputs feature MIDAS PRO preamplifiers.
- **Input Channels 17-18:** TRS jacks for line-level inputs.
- **USB Port:** Type-A USB port for connecting a USB drive for recording and playback.
- **MIDI In/Out:** 5-pin DIN connectors for MIDI control.
- **Status LEDs:** Indicators for power, Wi-Fi connection, and signal presence.

## 4.2 Rear Panel

The rear panel houses the main power input, network connections, and main outputs:

- **Power Input:** IEC connector for the included power supply.
- **Ethernet Port:** RJ45 connector for wired network connection to a router or computer.
- **Remote Control Switch:** Selects between Access Point, Wi-Fi Client, or Ethernet modes for network connectivity.

- **Main Outputs (L/R):** XLR connectors for the stereo main mix output.
- **Aux Outputs 1-6:** XLR connectors for auxiliary mixes (monitor sends, effects sends).
- **Headphone Output:** TRS jack with dedicated level control.

## 5. SETUP

### 5.1 Power Connection

1. Connect the provided power supply to the MR18's power input on the rear panel.
2. Plug the power supply into a suitable AC outlet.
3. Press the power switch to turn on the unit. The Power LED on the front panel will illuminate.

### 5.2 Network Connection

The MR18 offers three modes for network connectivity, selected via the "Remote Control" switch on the rear panel:

- **Access Point (AP):** The MR18 creates its own Wi-Fi network. This is ideal for direct control from a tablet or laptop without an external router.
- **Wi-Fi Client:** The MR18 connects to an existing Wi-Fi network. This allows control from devices already on that network and can provide internet access to the mixer (for firmware updates, etc.).
- **Ethernet:** Connect the MR18 directly to a computer or an external router via an Ethernet cable for a stable wired connection.

For detailed instructions on configuring each network mode, refer to the full software manual available on the MIDAS website.

### 5.3 Tablet/Computer Connection

Download and install the appropriate control application for your device:

- **iPad:** M AIR App from the Apple App Store.
- **Android:** M AIR App from the Google Play Store.
- **PC/Mac/Linux:** M AIR EDIT Software from the MIDAS website.

Once installed, launch the application and connect to your MR18 via the configured network connection.

## 6. OPERATING THE MR18

The MR18 is controlled entirely through its dedicated software application. This section provides a general overview of key operational aspects.

### 6.1 Basic Operation

- **Channel Strips:** Each input channel in the software provides controls for gain, phantom power, EQ, dynamics (gate/compressor), and routing.
- **Mixing:** Adjust faders for individual channels and master outputs. Create auxiliary mixes for monitors or effects sends.
- **Effects:** The MR18 includes a virtual effects rack with various reverbs, delays, and modulation effects.

### 6.2 Input/Output Configuration

The software allows flexible routing of inputs to channels and outputs. You can assign physical inputs to any processing channel and route any mix bus or channel to the physical outputs.

## 6.3 Recording via USB

The MR18 features an 18x18 channel bidirectional USB2.0 audio interface. This allows you to record all 18 input channels directly to a connected computer (DAW software required) or play back 18 channels from your computer through the mixer.



**Video 6.1:** An instructional video demonstrating the recording capabilities and USB audio interface features of the MIDAS MR18. This video provides a visual guide to setting up and utilizing the multi-channel USB audio for studio or live recording.



**Video 6.2:** A short video tutorial explaining how to configure and use the MIDAS MR18's USB audio interface for recording and playback with a digital audio workstation (DAW).

## 6.4 Dugan-style Auto-Mixing

The MR18 incorporates Dugan-style auto-mixing, which automatically manages microphone gain sharing. This feature is particularly useful in multi-microphone setups (e.g., panel discussions, conferences) to reduce feedback and improve clarity by automatically attenuating unused microphones and boosting active ones.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the mixer. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure that the ventilation openings are not blocked to prevent overheating.
- **Storage:** When not in use for extended periods, store the mixer in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Regularly check the MIDAS website for firmware updates to ensure optimal performance and access to new features.

## 8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---|---|---|
| No power | Power cable disconnected; faulty power supply; power outlet issue. | Check power cable connections; test power supply; try a different power outlet. |
| Cannot connect via Wi-Fi | Incorrect Wi-Fi mode selected; wrong network password; signal interference; control app not updated. | Verify "Remote Control" switch setting; re-enter password; move closer to mixer; update control app. |
| No audio output | Main fader down; output muted; incorrect routing; faulty cables. | Check main fader level; unmute outputs; verify routing in software; test cables. |
| USB recording issues | Incorrect driver installation; DAW settings incorrect; USB cable issue. | Install latest USB drivers from MIDAS website; configure DAW input/output settings; try a different USB cable. |

## 9. SPECIFICATIONS

| Feature | Detail |
|---|---|
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| Feature | Detail |
| --- | --- |
| Model | MR18 |
| Number of Input Channels | 18 |
| Microphone Preamplifiers | 16 x MIDAS PRO Preamps |
| Control Interface | iPad/Android Tablets, PC/Mac/Linux |
| Integrated Wi-Fi | Tri-Mode Router (Access Point, Wi-Fi Client) |
| USB Audio Interface | 18 x 18 Channel, Bidirectional USB2.0 |
| Auto-Mixing | Dugan-style |
| Item Weight | 8.58 pounds (3.9 Kilograms) |
| Product Dimensions | 5.11 x 2.31 x 2.17 inches |
| Power Source | Corded Electric |

## 10. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official MIDAS website or contact your local MIDAS distributor. Keep your proof of purchase for any warranty claims.
**MIDAS Official Website:** www.midasconsoles.com