

## RME FIREFACEUFXIII

# RME Fireface UFX III Audio Interface User Manual

Model: FIREFACEUFXIII

## 1. INTRODUCTION

The RME Fireface UFX III is a high-end USB 3.0 audio interface designed for professional audio recording and production. It offers extensive connectivity, including 188 channels (94 input / 94 output) at 192 kHz, MADI, ADAT, AES/EBU, and MIDI. This manual provides essential information for setting up, operating, and maintaining your device to ensure optimal performance and longevity.

## 2. SAFETY INFORMATION

Please read and follow all safety instructions to prevent damage to the device or injury to yourself. Keep this manual for future reference.

- **Power Supply:** Use only the provided power cable and ensure it is connected to a grounded outlet with the correct voltage (100V - 240V AC, 50-60 Hz).
- **Ventilation:** Ensure adequate airflow around the unit. Do not block ventilation openings.
- **Moisture:** Keep the device away from water or excessive humidity.
- **Cleaning:** Disconnect power before cleaning. Use a dry, soft cloth. Do not use liquid cleaners.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.

## 3. PACKAGE CONTENTS

Verify that all items are present in the box:

- RME Fireface UFX III Audio Interface
- User's Guide (multilingual)
- DigiCheck NG information leaflet
- Product registration and support card
- Power Cable (country-specific)
- USB 3.0 Type-A to Type-B Cable
- USB 3.0 Type-A to Type-C Cable

- Optical Cable
- Self-adhesive rubber feet (for desktop use)

## 4. PRODUCT OVERVIEW

### 4.1. Front Panel



This image displays the front panel of the RME Fireface UFX III, featuring four mic/line combo inputs, two headphone outputs, MIDI I/O, a USB memory port, a main volume knob, and a display for monitoring and control.

- **Mic/Line Inputs (1-4):** Four XLR/TRS combo jacks with switchable 48V phantom power for microphones and line-level signals.
- **Phones (1-2):** Two 6.35mm (1/4-inch) stereo headphone outputs.
- **MIDI In/Out (1-2):** Standard 5-pin DIN MIDI connectors.
- **Memory:** USB port for direct recording to a USB flash drive or solid-state drive (DuRec feature).
- **Volume:** Main rotary encoder for output level control.
- **Display:** High-resolution screen for status, metering, and menu navigation.
- **Control Buttons:** Buttons for navigation, preset recall, and specific functions like Mic Gain, Replay, Channel Mix, and Setup/Rev.
- **Power Switch:** On/Off control for the unit.

### 4.2. Rear Panel



This image shows the rear panel of the RME Fireface UFX III, highlighting its extensive connectivity including power input, MIDI I/O, ADAT I/O, USB 3, Remote port, Word Clock, AES/EBU, and multiple balanced line level inputs and outputs.

- **Power Input:** Standard IEC power connector (100V - 240V AC).
- **MIDI In/Out (1):** Additional MIDI I/O.
- **ADAT 1 & 2 In/Out:** Optical ADAT ports for expanding digital I/O.
- **USB:** USB 3.0 port for computer connection.
- **Remote:** Port for connecting an optional RME Advanced Remote Control.
- **Word Clock In/Out:** BNC connectors for synchronization with external devices.
- **AES/EBU In/Out:** XLR connectors for professional digital audio.
- **Balanced Line Level Outputs (1-8):** Eight 6.35mm (1/4-inch) TRS balanced outputs.
- **Balanced Line Level Inputs (5-8):** Four 6.35mm (1/4-inch) TRS balanced inputs.

## 5. SETUP

Follow these steps to set up your RME Fireface UFX III:

1. **Unpack:** Carefully remove the Fireface UFX III and all accessories from its packaging.
2. **Placement:** Place the unit on a stable surface or install it in a 19-inch rack. If placing on a desktop, attach the

provided rubber feet to the bottom of the unit.

3. **Power Connection:** Connect the power cable to the unit and a suitable AC outlet.
4. **USB Connection:** Connect the Fireface UFX III to your computer using one of the provided USB 3.0 cables (Type-A to Type-B or Type-A to Type-C).
5. **Driver Installation:** Download and install the latest drivers and TotalMix FX software from the official RME website ([www.rme-audio.com/downloads.html](http://www.rme-audio.com/downloads.html)).
6. **Audio Connections:** Connect your microphones, instruments, monitors, and other audio equipment to the appropriate inputs and outputs on the Fireface UFX III.
7. **Power On:** Turn on the Fireface UFX III using the front panel power switch.

## 6. OPERATING INSTRUCTIONS

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The RME Fireface UFX III offers flexible operation through its front panel controls and the TotalMix FX software.

### 6.1. Front Panel Control

- Use the **Volume** knob to adjust the main output level.
- Navigate menus and settings using the **Display** and associated **Control Buttons**.
- Adjust individual mic gain levels directly from the front panel.

### 6.2. TotalMix FX Software

TotalMix FX is RME's powerful digital mixer and routing software. It allows for:

- Zero-latency monitoring and routing of all inputs and outputs.
- Creating independent sub-mixes for performers.
- Applying DSP effects (EQ, Dynamics, Reverb/Echo) to inputs and outputs.
- Saving and recalling presets for various setups.

### 6.3. DuRec (Direct USB Recording)

The DuRec feature allows direct recording of all inputs to a USB flash drive or solid-state drive connected to the front panel 'Memory' port, without the need for a computer. This is ideal for standalone recording or as a backup solution.

## 7. CONNECTIVITY

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The Fireface UFX III offers a wide range of connectivity options:

- **Analog I/O:** 4 x Mic/Line (XLR/TRS combo) inputs with preamps and 48V phantom power, 8 x Balanced Line Level (TRS) inputs, and 8 x Balanced Line Level (TRS) outputs.
- **Digital I/O:**
  - 2 x ADAT Optical I/O (16 channels at 48 kHz, 8 channels at 96 kHz, 4 channels at 192 kHz).
  - 1 x AES/EBU I/O (XLR) for 2 channels.
  - 2 x MADI I/O (Optical and Coaxial) for 128 channels.
- **MIDI I/O:** 2 x MIDI In/Out (5-pin DIN) ports.
- **USB:** USB 3.0 for high-speed connection to computer.
- **Word Clock:** BNC In/Out for external clock synchronization.
- **Remote:** Dedicated port for optional RME Advanced Remote Control.

## 8. SOFTWARE FEATURES

The Fireface UFX III is complemented by powerful software tools:

- **TotalMix FX:** A comprehensive digital mixer and router with integrated effects, offering flexible routing, sub-mixing, and DSP processing.
- **DigiCheck NG:** A free download for all RME users, providing metering, testing, measuring, and analyzing digital audio streams with high resolution.

## 9. MAINTENANCE

To ensure the longevity and optimal performance of your Fireface UFX III, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the unit with a dry, soft cloth to remove dust. Avoid abrasive cleaners or solvents.
- **Ventilation:** Keep the ventilation grilles clear of obstructions to prevent overheating.
- **Cable Management:** Ensure cables are neatly organized and not under strain to prevent damage to connectors.
- **Firmware Updates:** Periodically check the RME website for firmware updates to ensure your device has the latest features and bug fixes.

## 10. TROUBLESHOOTING

If you encounter issues with your Fireface UFX III, consider the following:

- **No Power:** Check the power cable connection and the power outlet. Ensure the power switch is in the 'On' position.
- **No Audio/Intermittent Audio:**
  - Verify all audio cables are securely connected.
  - Check your computer's audio settings and ensure the Fireface UFX III is selected as the input/output device.
  - Confirm that the correct drivers are installed and up to date.
  - Check routing in TotalMix FX.
- **Synchronization Issues:** Ensure all digital devices are properly clocked. Check Word Clock connections and settings.
- **Software Not Responding:** Restart your computer and the Fireface UFX III. Reinstall drivers if necessary.

For further assistance, refer to the detailed user manual or contact RME support.

## 11. SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| <b>Brand</b>                      | RME   |
| <b>Model Number</b>               | FIREFACEUFXIII  |
| <b>Connectivity</b>               | USB 3.0   |
| <b>Channels</b>                   | 188 (94 Input / 94 Output)                                |
| <b>Sample Rate</b>                | Up to 192 kHz   |
| <b>Operating System</b>           | Windows (and macOS compatible)                            |
| <b>Item Weight</b>                | 11.18 pounds (approx. 5.07 kg)                            |
| <b>Product Dimensions (LxWxH)</b> | 22.6 x 12.55 x 4.7 inches (approx. 57.4 x 31.9 x 11.9 cm) |

## 12. WARRANTY AND SUPPORT

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The RME Fireface UFX III comes with a **5-year warranty** upon product registration. To register your product and access support resources, please visit the official RME website:

- **Product Registration & Support:** [www.rme-audio.com/support.html](http://www.rme-audio.com/support.html)
- **Driver Downloads:** [www.rme-audio.com/downloads.html](http://www.rme-audio.com/downloads.html)

For technical inquiries or service requests, please contact RME's authorized distributors or support channels as listed on their website.