

# 1. Firmware Revision History

*Firmware 3.0.7 (APR/1/2025) m32ad\_mk2\_3.0.7\_v176\_20250401.swu*

- Fix: Under rare circumstances, booting the device would take unusually long with 3.0.6

*Firmware 3.0.6 (MAR/26/2025)*

- Avnu™ MILAN® Certified
- Feature: (MIDI) Improved response to parameter change request messages
- Feature: Faster change of sampling rate
- Fix: Warnings were shown for inactive routings at high sampling rates
- Feature: (Redundancy) Reflect synchronization to secondary AVB stream in Clock state
- Fix: 0 dBFS signals immediately following a clipped signal would continue to indicate OVR
- Feature: Improved user guidance after change of sampling rate while streaming
- Feature: Faster preset name changes
- Feature (WebUI/GUI): Better visualization of peak levels when peak levels are activated
- Feature (WebUI): Improved appearance of truncated labels
- Feature (WebUI): Change device name using the web interface
- Feature (WebUI): Show miniature level meters while in routing mode
- Fix (WebUI): Firmware update will proceed even if browser connection is lost
- Fix (WebUI): Prevent context menus while dragging or when right-clicking
- Feature (GUI): Network configuration (IP address) can be performed at the device
- Feature (GUI): New Identify Screen
- Fix: Switch off ethernet port LEDs on startup



Changing sampling rates will change the sampling rate of the device but keep existing AVB streams running with wrong stream format and audio payload due to MILAN requirements. It is highly recommended to use an ATDECC controller (Milan Manager® or Hive) to manage routing and sampling rate changes in MILAN environments.

*Firmware 2.6.1 (NOV/01/2023) m32ad\_mk2\_2.6.1\_v171.swu*

- fixed: ATDECC: Closing a controller stopped notifications to other controllers on the network
- fixed: AVB Redundancy: Destination MAC address was not set correctly while other port active

*Firmware 2.6.0*

- Initial Release


## 2. Firmware Update

New and improved features for this device, as well as bug fixes, are published on the RME website in the download section as a firmware update. The update is provided as a compressed file with a **.swu** extension and can be uploaded via web remote over USB or network.

*To update the M-32 AD Pro II:*

1. Connect the device by USB or network cable and open the Web Remote.

See: [Section 2.1, “Finding the Device on a Network”](#)

2. Download the current firmware from the RME website.
3. Unpack the compressed file.
4. Open the  **Settings** in the Web Remote.
5. Within the **Firmware Update** section, press the **[Select .swu Firmware File]** button and locate the unpacked file.
6. Press **[Start Firmware Update]**.



The unit retains all settings, including presets, when the firmware is upgraded.


## 2.1. Finding the Device on a Network

The M-32 AD Pro II has three integrated network adapters (USB 2.0 and dual ethernet).

The adapters can be used, individually or simultaneously, to control the device with HTTP ("web remote"). The web remote control works on any IP-based network, including wireless networks.

The ethernet connection additionally supports ATDECC 1722.1 remote protocol, which requires a physical connection (cables), but does not require AVB switches. Wireless routers are not supported for ATDECC.

*To enable web remote functionality over HTTP:*

1. Open the **remote** tab in the **STATE** section.
2. Ensure that the **HTTP Remote** setting is switched to  **ON**.

### 2.1.1. USB

When the device is connected with a USB 2.0 cable to a Apple macOS™ or Microsoft Windows™ computer, a network device is automatically installed in the background that assigns the M-32 AD Pro II the following IP address:

<http://172.20.0.1>



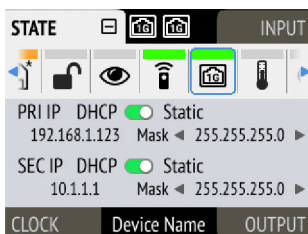
Only **one** of the following products can be connected to the host computer via USB at a time: RME M-32 AD Pro (II, II-D), M-32 DA Pro (II, II-D), 12Mic, 12Mic-D, AVB Tool, M-1610 Pro, M-1620 Pro.

### 2.1.2. Ethernet

The integrated ethernet adapter will join an IP network when connected. If no DHCP server is found, for example when connecting the M-32 AD Pro II directly to a computer, an address is automatically self-assigned (in the 169.254.0.0/16 subnet).

*To find out the current IP address:*

1. Open the **network** tab in the **STATE** section.



2. The current IP addresses of both networks are displayed.
3. Enter the IP address of the corresponding network in the address bar of the browser.

### 2.1.3. Connecting to the Remote Interface without IP address

Instead of using the IP address, the **device name** can be entered in the browser window, followed by **.local/**.

By default, the name is m32-ad-pro, and the corresponding URL is therefore:

<http://m32-ad-pro.local/>



The length of the custom name should not exceed 63 characters. Spaces, underscores and other special characters in the device name should be written as hyphens ("-") when entering the URL.



on some operating systems or browsers, a trailing dot "." may be required after the 'local' domain: <http://m32-ad-pro.local/>



The device name is stored in a preset. Loading a preset can therefore change the device name and require a different address.