

# 1. Firmware Revision History

## *Firmware 1.3.3 (JUN/12/2025) 12mic\_dante\_1.3.3\_v50\_20250612.swu*

- Fix: Addresses an issue that prevented a successful update from FW 1.0.3

## *Firmware 1.3.1 (MAR/3/2025)*

- Fix: Detection of MADI signals that contain 'hidden' channels
- Feature: (MIDI) Improved response to parameter change request messages
- Feature: Optimizations for faster routings and preset loads
- Fix: Restore synchronization to external and preferred leader when loading presets
- Feature: Faster change of sampling rate
- Feature: If no network cable is connected, Dante PTP Mute will not cause a warning
- Fix: 0 dBFS signals immediately following a clipped signal would continue to indicate OVR
- Feature: Identify animation can be triggered from Dante Controller
- Feature (WebUI/GUI): Better visualization of peak levels when peak levels are activated
- Feature (WebUI/GUI): Reflect Dante PTP Mute in clock state rather than modal overlays/notifications
- 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): Add scales to mic and phones level meter background
- Feature (GUI): Network configuration (IP address) can be performed at the device
- Fix: Switch off ethernet port LEDs on startup

## *Firmware 1.2.1 (FEB/5/2024)*

- Updates Dante IP Core to Version 4.2.5.6, which addresses the following issue:
  - Fix: Audio glitches when creating multiple audio flows from DVS under some situations

## *Firmware 1.2.0 (DEC/19/2023)*

- Feature: MIDI over MADI support for remote control with RME Connector
- Feature: Add a scale to the analog I/O level meters
- Fix: Adjust routings source channels according to sampling rate and MADI redundancy
- Further minor updates and bug fixes

## *Firmware 1.1.0 (MAR/17/2023)*

- Fix: ADAT Routing at different sampling rates
- A static IP address must be configured using Dante Controller. The corresponding (non-

functional) menu item on the device has been removed.

- When the device's network ports are configured to function as a switch in Dante Controller, this Featureure is now represented in the device menu (network ports are connected with a line)
- Several minor updates and bug fixes



Do not interrupt the firmware update process from 1.0.3 to a newer firmware, as this upgrade does not support automatic fallback to a previous firmware.

#### *Firmware 1.0.3*

- initial release



It is not possible to downgrade from version 1.1.0 (and higher) to version 1.0.3.


## 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 12Mic-D:*

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.

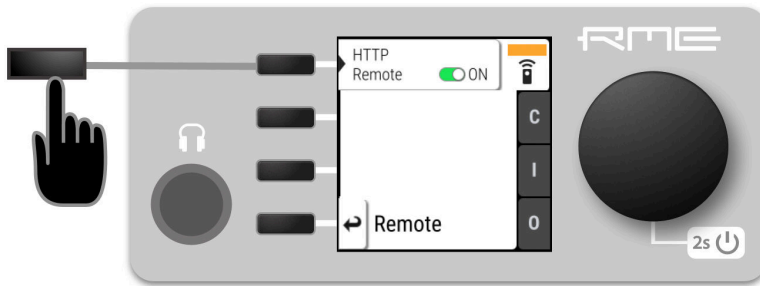
## 2.1. Finding the Device on a Network

The 12Mic-D 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.

*To enable web remote functionality over HTTP:*

1. Open the **remote** tab in the **STATE** section. To enter the State section press the encoder twice while in the main screen, then select the remote tab.



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 12Mic-D 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 (D).

### 2.1.2. Ethernet

After connecting the primary or secondary port of the 12Mic-D to a network, an IP address will be automatically assigned by a DHCP server that is present on that network. If there is no DHCP server on the network, the device assigns itself a *link local* address (in the 169.254.0.0/16 subnet) that can be used to connect to the device.

*To find out the current IP address:*

1. While the device shows the default screen with level meters, press the button [ **i** ] as in 'Info'.
2. Proceed to "LAN info"
3. The IP address is displayed.

### 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/**.

The current device name is shown on the **Info** ⇒ **LAN Info** screen and also in the main menu, STATE section, System Information.



By default, the device name is unique and can be seen in the Dante® Controller. A resulting URL will look similar to:

<http://RME12MIC-D65432.local/>



The device name can be changed with the Dante Controller. It is limited to 32 characters and must not begin or end with a hyphen ("-").



on some operating systems or browsers, a trailing dot "." may be required after the 'local' domain: <http://RME12MIC-D65432.local/>