



▶▶ NEUMANN.BERLIN

## ▶ MT 48

AUDIO INTERFACE

Toolkit Guide





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## Neumann MT 48 Toolkit

### MT 48 Toolkit content

- MT48ToolKit\_Win\_XXXX.exe  
Windows installer for the MT 48 Toolkit (Agent – Drivers – Firmware – Remote)
- MT48ToolKit\_Mac\_XXXX.dmg  
macOS installer for the MT48 Toolkit (Agent – Tools – Remote – MT Updater).
- Firmware\_XXXX.MT48  
The MT 48 firmware. It can be updated from the MT 48 Agent or from the MT Updater.

### MT 48 Toolkit installed items

- The MT 48 Agent
- MT 48 Remote Application
- MT 48 Audio Drivers (Windows only)
- The MT Updater
- Documentation

### Supported operating systems

Certified Systems		
Microsoft Windows	macOS	Apple processors
Windows 10 - 64 bit	Catalina 10.15.x	Intel & Apple Silicon
Windows 11 - 64 bit	Big Sur 11.x	
	Monterey 12.x	
	Ventura 13.x	



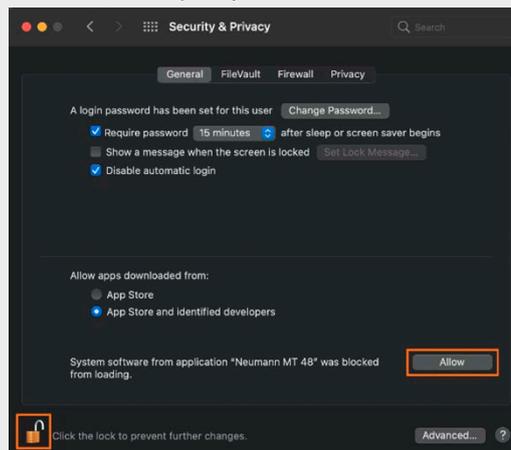
## Installation procedure

1. Download and install the latest MT 48 Toolkit for your Mac or PC
2. Double click the installer for your computer operating system and follow the on-screen instructions.

 Important note for Mac users: macOS requires the drivers to be approved. During the installation, you will see a “System Extension Blocked” message:



Go to the Security preferences to unlock the driver. Make sure to authorize the system extension, enter your password and click **Allow**.



3. After restart, you will notice the Neumann logo of the MT 48 AGENT in the taskbar/menu bar of your computer.

## Firmware update

The firmware can be updated automatically from the MT Updater once the MT48 Agent is installed.

Alternatively, you can install a new firmware manually:

1. From the MT48 Agent (i.e. the Neumann icon in the taskbar/menu bar), select “Open Maintenance Page”.
2. This page will open in your browser (Chrome or Safari are recommended).
3. Select the firmware file and upload it. Important: Never abort an ongoing firmware update.
4. Once the MT 48 has been successfully updated, reboot the MT 48.

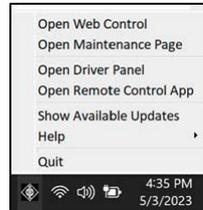


## MT 48 Agent

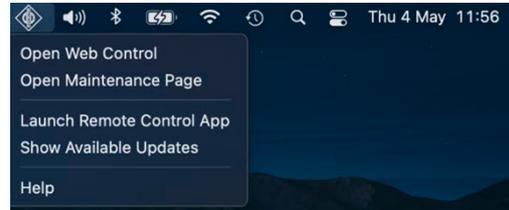
When connecting the MT 48 USB data cable, the MT 48 Agent icon in the taskbar/menu bar should become solid.

▶ Open the MT 48 Agent Menu by clicking on the Icon

MT 48 Agent on Windows



MT 48 Agent on macOS



### Open Web Control

Will open the MT 48 Web Access Remote Control in your current Browser. Chrome or Safari are recommended.

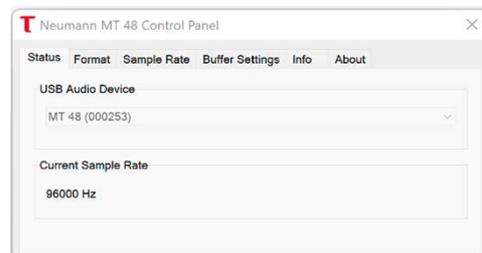
### Open Maintenance Page

Open the Maintenance Page in order to manually update your MT 48 Firmware. Note: Not required if updating the firmware automatically from the MT Updater

### Open Driver Panel (Windows Only)

Open the MT 48 Driver Panel to adjust parameters such as the Driver Buffer Size.

Tip: On most systems, a buffer size of 64 Samples gives a good balance between low latency and CPU efficiency.



### Open Remote Control App

This app mirrors the TFT screen and the buttons of your MT 48. It allows you to control the MT 48 from your computer. Note: The MT 48 Firmware and MT 48 Toolkit should be of the same version.



### Show Available Updates

Will display the available MT 48 updates (Software and Firmware). Please refer to the MT Updater section below. Note: An active internet connection is required.

### Help

Links to online help and documentation

### Quit

Exit and close the MT 48 Agent application



## MT Updater for MT 48

### About the MT Updater

The MT 48 Agent embeds the MT Updater that notifies you when new updates become available. There is nothing to install other than the MT 48 Toolkit for your operating system.

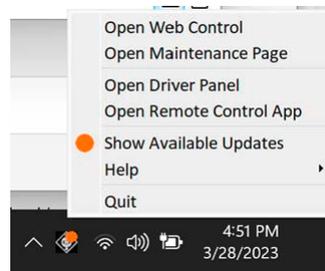
We recommend updating to the latest versions for stability and improvement reasons, as those updates include fixes and improvements.

### The Update Indicator



An orange dot in the tray icon indicates that an update is available for your Neumann MT 48 interface.

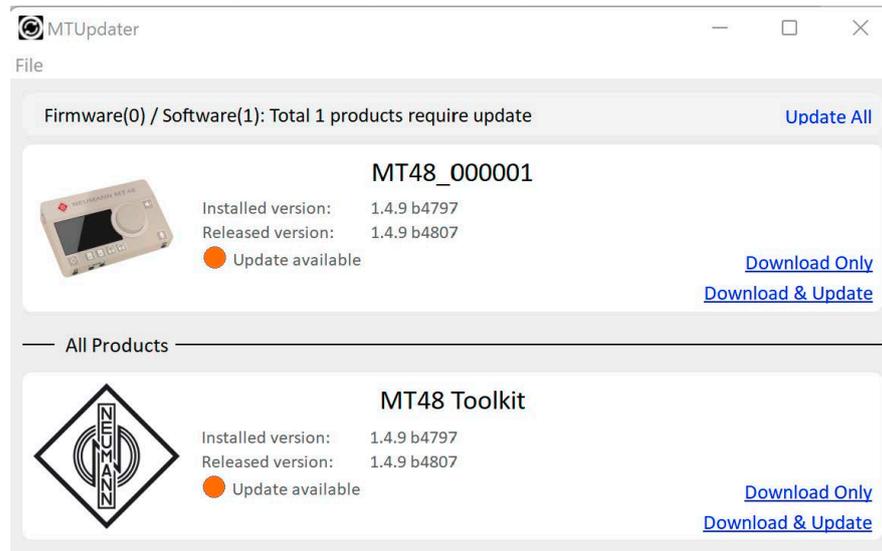
- ▶ Click on the MT 48 Agent icon and select Show Available Updates to open the MT Updater.



Note: An active internet connection on the computer is required for update notification and downloads.

### MT Updater

The MT Updater dialog shows the update status of your devices.





## MT Updater options

### Update All

The MT Updater will download and install all files for the devices connected with pending updates. It will auto-apply those updates and may require a reboot.

### Download only

The MT Updater will download the firmware in your Downloads/MT folder (Windows) or in the ~ Library/Application Support/MTUpdater folder (macOS).

You may decide if and when you want to update your device, whether it is manually through the Maintenance pages (see the device User Manual for details), or by using the MT Updater.

### Download & Update

The MT Updater will download the firmware and start the update.

Once the update is finished, the MT Updater will automatically reboot the device.

Note: Related firmware components such as the MT 48 Remote Control will also be downloaded and installed.

### Update

The MT Updater has detected that the latest firmware available has already been downloaded in your Downloads/MT folder (Windows) or ~ Library/Application Support/MTUpdater folder (macOS)

Update will start the firmware update.

Once the update is finished, the MT Updater will automatically reboot the device.

Note: Related firmware components like MT 48 Remote Control will also be installed.

An active internet connection on the computer is not required in this case.

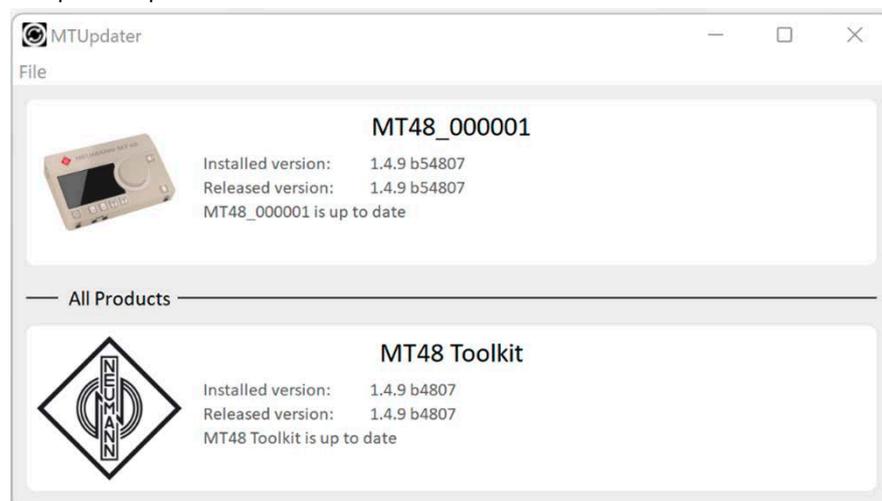
A reboot may be necessary after the installation. Refer to the Message box.

### Your\_[Device\_Name] is up to date

Your device is already running the latest firmware available.

### Up to date MT 48

No update required.





## MT Updater File Menu content

### Refresh

Refresh the update status of the listed devices.

### Resync with Server

Query the update server for new versions.

### Open Downloads directory

Opens the MT Updater download folder.

### Quit

Quit the MT Updater application.

## Troubleshooting

### Failed to contact Merging Technologies Server

Failed to contact Merging Technologies Server.

[Retry](#)

A connection to the server cannot be established.

Please verify your internet connection or retry later.

Note: If a firmware is present in your Downloads/MT folder (Windows), you may update the device without an active internet connection

~ Library/Application Support/MTUpdater folder (macOS)

### Software/Firmware update has been disabled by your administrator

Software/Firmware update has been disabled by your administrator

[Hide](#)

The updater has been disabled, please contact your system administrator.

### No compatible software/hardware has been detected

No compatible software/hardware has been detected

[Hide](#)

Please make sure that your Neumann hardware is connected to the computer.

### Download Failed:

HTTP response code says error

## Rollback

If you wish to go back to a previous firmware version, you can do so via the Maintenance Page available from the MT 48 Agent (see above).

## Links

[MT 48 Instruction Manual \(03/2023, English\)](#)

[MT 48 Support Page](#)

[MT 48 Quick Guide](#)

[MT 48 Safety Instructions](#)

Note: Please refer to the Neumann MT 48 Instruction Manual for more information on the MT 48 Audio Interface.