



R Series, Tio1608-D2 and Tio1608-D Firmware Update Guide

This guide explains how to update the firmware of the following models by using R Remote (V6.0 or later).

Supported Models

R Series	Rio3224-D3, Rio1608-D3, Rio3224-D2, Rio1608-D2, Rio3224-D, Rio1608-D, RSio64-D, RMio64-D, Ri8-D, Ro8-D, RUio1608SB-D, RUio0804-D, RUio16FLX-D
Tio models	Tio1608-D2, Tio1608-D

Precautions

- Check the model and firmware version of the target device before updating. Review the following items to determine whether the device can be updated directly.
- Note that the device may be damaged if you fail to follow these instructions properly, or turn off the device or disconnect the cable while the update is in progress.

Notes regarding updates from specific models or older versions

Depending on the model or firmware version, preparatory steps may be required before updating the firmware. If the following models or versions do not apply to your device, proceed directly to the update procedure.

- For Rio3224-D3 and Rio1608-D3 with firmware version V1.03 or earlier:
 - If the firmware version is V1.03 or earlier, you cannot update it directly to V2.00. First, update the firmware to V1.04 using R Remote V6.0, and then use R Remote V7.0 to update it to V2.00.
 - You cannot update the firmware to V2.00 using R Remote V6.0.
- For Rio3224-D2, Rio1608-D2, Rio3224-D, Rio1608-D, RSio64-D, RMio64-D, Ri8-D, Ro8-D, Tio1608-D2, and Tio1608-D:
 - Dante Controller is required. You can download Dante Controller from the download page of the following Audinate website:
<https://www.audinate.com/products/software/dante-controller/>
- For Rio3224-D, Rio1608-D, RMio64-D, Ri8-D, and Ro8-D with firmware version V3.10 or earlier:
 - Since these devices are not supported by the R Remote update function, they cannot be updated directly. You must first update the firmware to V3.11 using the dedicated updater for each device.
 - The dedicated updater for each device is included in the V3.11 firmware package (compressed file), which can be downloaded from the following website:
<https://www.yamahaproaudio.com/>

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Update operation

This section describes how to update the firmware.

1. Start R Remote. Choose "Tool" > "Firmware Update" from the menu of R Remote.
Firmware Updater starts up.
2. (In the case of RMio64-D) Quit the NUAGE Workgroup Manager if it is running.
When updating Tio1608-D2, make sure the Tio1608-D Compatibility Mode is disabled.
3. Press the [Select] button to select the firmware to update.

Models	File Name
Rio3224-D3, Rio1608-D3	Rio-D3_firmware_v*.*.bin
Rio3224-D2, Rio1608-D2, Rio3224-D, Rio1608-D, RSio64-D, RMio64-D, Ri8-D, Ro8-D	xxxx_v*_*_rrmt.bin
RUio1608SB-D, RUio0804-D, RUio16FLX-D	RUio-D_firmware_V*.*.bin
Tio1608-D2, Tio1608-D	tio-d_v*_*_rrmt.bin

- The characters "xxxx" represent the product name.
(Tio1608-D2 shares files with Tio1608-D. Firmware prior to V2 cannot be written.)
- * _ * indicates the firmware version. (e.g., "rio3224-d_v4_10_rrmt.bin").
("*.*)" for the Rio3224-D3, Rio1608-D3, RUio1608SB-D, RUio0804-D, RUio16FLX-D)

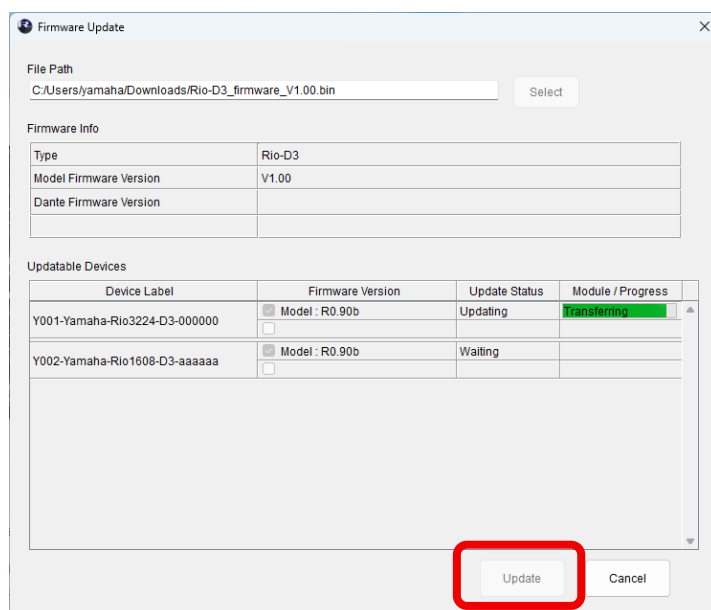
Devices that can be updated appear in the device information area.

NOTE Set the following three items to the identical subnet: the device's IP address, the IP address of the device's Dante module (for devices other than the Rio3224-D3, Rio1608-D3, RUio1608SB-D, RUio0804-D, RUio16FLX-D), and the computer's IP address. If you are using static IP addresses or IP addresses assigned by the DHCP server, check the IP address setting.

NOTE When you select an old firmware which is not supported by R Remote, "invalid file" appears and the update cannot be started.

NOTE If the firmware of the device is an older version than the firmware file, the checkbox for its device will be automatically checked.
If the firmware of the device is a newer version or a same version, you will need to check manually to the checkbox of the firmware to update.

4. Press the "Update" button to start the update.



5. When the update is complete, a popup window appears. Press the "OK" button.
6. Turn the updated device off and then on again.

For details on updating the unit, refer to the “R Remote V7.0 User’s Guide” available on the website.

<https://www.yamahaproaudio.com/>