



# R Series and Tio1608-D Firmware Update Guide

This guide explains how to update the R series and Tio1608-D firmware by using the R Remote (V4.1.0 or later).

## Precautions

- Check the firmware version of the target device before updating. Since Rio3224-D, Rio1608-D, Ri8-D, Ro8-D, and RMio64-D before firmware version 3.11 are not supported by R Remote update function, you once need to update the firmware to V3.11 by using the exclusive update software for each product. The exclusive update software for each product is compressed with the firmware V3.11 which you can download from the following website:  
<https://www.yamahaproaudio.com/>
- To use R Remote, Dante Controller must be installed. You can download Dante Controller from the download page of the following Audinate website:  
<https://www.audinate.com/products/software/dante-controller/>
- 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.
- Yamaha Corporation owns exclusive copyrights for the firmware, its update program, and the update guide.
- It is prohibited to duplicate or modify the firmware, software or guides, in part or in their entirety, without permission from the copyright owner.
- The screen shots in this guide are for use with this update procedure only and may be different from the actual screen shots.
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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.

### 3. Press the “Select” button and select the firmware “xxxx\_v\*\_\*\*\_rrmt.bin” to be updated

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

- NOTE** Set these three items to the same subnet: the device’s IP address, the device’s Dante module IP address 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** xxxx represents the product name and \*\_\*\* represents the firmware version number.  
(E.g. rio3224-d\_v4\_10\_rrmt.bin)
- 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.

The screenshot shows the 'Firmware Update' window. At the top, there's a 'File Path' field containing 'C:/Users/mxsoft/Downloads/rio1608-d2\_v1\_83\_rrmt.bin' and a 'Select' button. Below this is the 'Firmware Info' section with a table:

Type	Rio1608-D2
Model Firmware Version	V1.83
Dante Firmware Version	4.2.4 , 3.1.0 for Brooklyn-2
	4.2.1 , 4.0.0 for Brooklyn-3

Below the table is the 'Updatable Devices' section with a table:

Device Label	Firmware Version	Update Status	Module/Progress
Y001-Yamaha-Rio1608-D2-013e90	<input checked="" type="checkbox"/> Model : V1.82		Brooklyn-3
	<input checked="" type="checkbox"/> Dante : 4.2.1 , 4.0.0		
Y005-Yamaha-Rio1608-D2-0d913c	<input checked="" type="checkbox"/> Model : V1.82		Brooklyn-2
	<input checked="" type="checkbox"/> Dante : 4.2.4 , 3.1.0		

At the bottom right, there are 'Update' and 'Cancel' buttons.

### 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 Version 5.8 User’s Guide” available on the website.  
<https://www.yamahaproaudio.com/>