

Upgrading the Firmware of an RL1

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This document will explain how to upgrade the firmware of an RL1. Please get the latest version from JGR Optics.

For more information, please visit www.jgroptics.com or email support@jgroptics.com



Upgrading the Firmware of an RL1

The screenshot displays the JGR RL1 web interface. The browser address bar shows the IP address 192.168.12.68/settings/upgrade. The left sidebar has the 'Upgrade' tab selected. The main content area shows the current version as 01.17.08 and a 'Select Firmware' dropdown menu with 'upgradePackage.up' selected. A 'Start Upgrade' button is visible. Below this, the 'Power Meters' section shows the available firmware version as 00.16.03. A table lists two devices with their serial numbers and firmware versions, both showing 'No upgrade required' and a 'Reinstall' button.

#	Serial Number	Firmware Version	Upgrade Status
0	Internal	00.16.03	No upgrade required
1	2006357	00.16.03	No upgrade required

1. Power on the RL1 and connect to a LAN via Ethernet.

2. On a PC or tablet on the same network, open a web browser (recommended: *Google Chrome* or *Firefox*).

3. Enter the IP address in the web browser of the RL1 (visible on the RL1's touchscreen *Setup* page).

4. Go to the *Upgrade* tab.

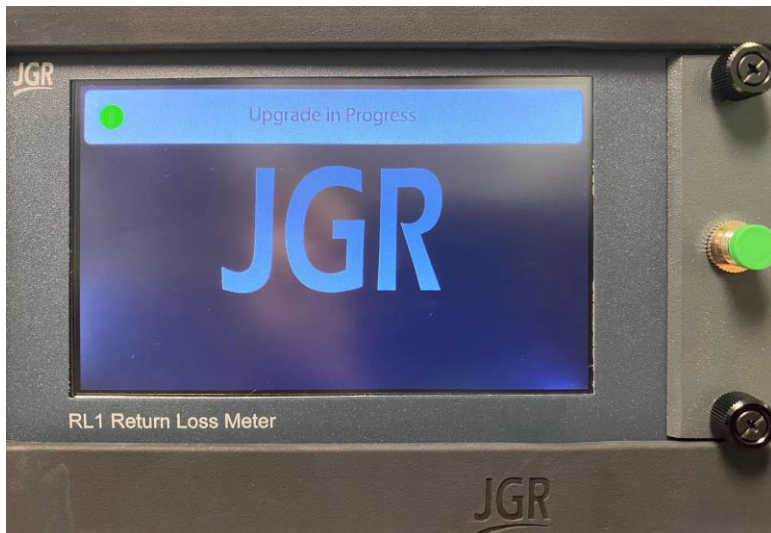
5. Select the firmware file provided to you by JGR Optics.

6. Click *Start Upgrade*.

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WARNING: Do not interrupt the upgrade process until it is complete.

If the RL1 is turned off or the webpage is refreshed/disconnected, it may corrupt the RL1 which will require it to be sent back to JGR.



The screenshot shows the JGR Interface web page for the RL1. The page is titled 'JGR Interface' and shows the 'Upgrade' section. The current version is 01.17.08. There is a 'Select Firmware' dropdown menu with 'upgradePackage.up' selected. A 'Start Upgrade' button is visible. Below this, there is a 'Power Meters' section with the text 'Available firmware version: 00.16.03'. A table lists the power meters and their firmware versions.

#	Serial Number	Firmware Version	Upgrade Status
0	Internal	00.16.03	No upgrade required
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The screenshot displays the 'Upgrade' section of the JGR Interface. The current firmware version is 01.17.08, and the available firmware version is 00.16.03. A table lists power meters with their serial numbers and firmware versions, all showing 'No upgrade required'. Buttons for 'Reinstall' are visible for each power meter. The page also includes a 'Select Firmware' button, a 'Start Upgrade' button, and a footer with the copyright notice '© 2018 JGR Optics. All Rights Reserved'.

#	Serial Number	Firmware Version	Upgrade Status
0	Internal	00.16.03	No upgrade required
1	2006357	00.16.03	No upgrade required

Once the upgrade is complete, the RL1 will reboot and the RL1 webpage will automatically refresh.

If any of the power meters required a firmware upgrade, the status will be indicated on this page.

If required, click the *Upgrade* or *Reinstall* button.

The power meter firmware is stored on the RL1 so no other file is required.

Similarly to the RL1 upgrade process, **do not interrupt the power meter firmware upgrade** while it is in progress.