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1 Introduction

Studer is pleased to announce the release of version 1.2 Patch 01 update for the Glacier desk surface.

Glacier V1.2 Patch 01 provides following major improvements for the Glacier HW Test diagnostic- and maintenance application, further called HW Test:

- New touch controller firmware for Central- and Fader modules with improved resistance against interference and better stability of the touch sensor
- Display touch Controller firmware version information
- No reboot after touch controller firmware download

Update instructions for the patch are not included in this version of the release notes, but can be found within the Glacier V1.2 Patch 01 zip file, available for download from the STUDER website.

For support or assistance with the upgrade, we recommend that you contact your local distributor or STUDER support.
2 What’s New

2.1 Improvements

**STOAMOD-2525**  "Hardware calib and Reboot"-Button in Touch Page of the HW Test application removed

According to the touch supplier, hardware calibration is not needed for Glacier Central- and Fader modules. Using hardware calibration may have negative impact to the touch functionality. Hence, the "Hardware calib and Reboot"-button in the Touch page of the HW Test application for Central- and Fader modules was removed.

**STOAMOD-2526**  No Automatic Touch Calibration after Touch Controller Firmware download

According to the touch supplier, hardware calibration is not needed for Glacier Central- and Fader modules. Using hardware calibration may have negative impact to the touch functionality. Hence, automatic hardware calibration after manual touch controller firmware download in the Touch page of the HW application for Central- and Fader modules was removed.

**STOAMOD-2527**  Improved Touch Stability

When using the touch screen, reaction on touch operation may become delayed or even stops completely. This symptom is also known as touch freeze. The problem may show up on Central- and Fader modules.

New touch controller firmware is provided for Central- and Fader modules with improved resistance against interferences and better stability of the touch sensor.
STOAMOD-2528  Indication of Touch Controller Firmware Version Information

Detailed firmware version information of the touch controller is now indicated in the Touch page of the HW Test application for Central- and Fader modules.

Firmware version information on the Central Module

![Central Module Firmware Version](image1)

Firmware version information on the Fader Module

![Fader Module Firmware Version](image2)
Note, that the touch controller consists of two chips. **Firmware (Code) Version Number, Build date and CRC as well as Settings Version Number, Build date and CRC are indicated for each chip.**

**STOAMOD-2533  No reboot after Touch Controller Firmware download**

After touch controller firmware download in the Touch page of the HW Test application, the Glacier desk module remains now in the same page and indicates the version information of the downloaded touch controller firmware.
3 Software Compatibility

Following table shows software compatibility for the HW Test application with Glacier application software running on the same module:

<table>
<thead>
<tr>
<th></th>
<th>Glacier Central Module</th>
<th></th>
<th>Glacier Fader Module</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>V1.1</td>
<td>V1.2</td>
<td>V1.1</td>
</tr>
<tr>
<td>Fader Module HW Test V1.2 Patch 01</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
<tr>
<td>Central Module Module HW Test V1.2 Patch 01</td>
<td>X</td>
<td>X</td>
<td>-</td>
</tr>
</tbody>
</table>

In other words, the HW Test application provided with Glacier V1.2 Patch 01 can be installed on Glacier V1.1- and Glacier V1.2 systems.