



Release Notes

for

Glacier Software

V1.3.3

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Web Version

Issue V1.0

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1 Introduction

Studer is pleased to announce the release of version 1.3.3 update for the Glacier desk surface.

Glacier V1.3.3 provides following major improvements for Glacier desk module software:

- Debian 9.7 OS platform for Fader- and Central modules improves stability by significantly reducing the risk of a potential module freeze.
- Stability improved during Offline-Online or Online-Offline transitions, which is the case when the CloudAdapter or the Core was restarted. Restarting Core or CloudAdapter is usually only required during commissioning, but network issues may have the same effect during operation, when UDP announce messages were lost.
- Including Glacier V1.2 Patch 01, for improved HW Test application providing new touch controller firmware for Central- and Fader modules with better resistance against interferences and better stability of the touch sensor.

The following chapters give further details of the improvements and bug fixes.

Update instructions for V1.3.3 are not included in this version of the release notes, but can be found within the detailed Release Notes, which is part of the V1.3.3 Release Package available from HPro Tech Support.

For support or assistance with the upgrade of an existing Glacier desk, we recommend that you contact your local distributor or HPro Tech Support:

Europe, Middle East and Africa: HProTechSupportEMEA@harman.com.

Asia: HPro.SGservice@harman.com.

2 What's New

The following chapters provide detailed information on new features, improvements and bug fixes.

2.1 New Features

V1.3.3 is a maintenance release. Therefore there were no new features added.

2.2 Bug-fixes

STOAMOD-1913 Glacier module crash when Core is restarted

It happened occasionally that Glacier module software crashed and the Xfce desktop became visible when the Core was restarted.

STOAMOD-2326 CloudAdapter stopped working when opening the About Box

After opening and closing the About Box for checking the CloudAdapter's software version, the CloudAdapter might have been crashed. As a consequence, all related Glacier desk modules went into Offline state until the CloudAdapter was restarted.

STOAMOD-2455 Fader Module Crash – During layout update

Manually changing the layout could lead to a crash of the Fader module software where after the Xfce desktop became visible.

STOAMOD-2455 Fader Module crash during Offline-Online- or Online-Offline transition STOAMOD-2471 STOAMOD-2513

It was observed, that Fader module software crashed (switch to Xfce desktop) after the CloudAdapter was restarted. Restarting the CloudAdapter is usually only required during commissioning, but network issues may have the same effect during operation, when UDP announce messages were lost.

QT update to V5.12 and better exception handling improve the stability during Offline-Online- or Online-Offline transitions.

STOAMOD-2623 Central Module crash during Offline-Online- or Online-Offline transition
STOAMOD-2627
STOAMOD-2667
STOAMOD-2693

It was observed, that Central module software crashed (switch to Xfce desktop) after the CloudAdapter was restarted. Restarting the CloudAdapter is usually only required during commissioning, but network issues may have the same effect during operation, when UDP announce messages were lost.

QT update to V5.12 and better exception handling improve the stability during Offline-Online- or Online-Offline transitions.

2.3 Improvements

STOAMOD-2192 Debian 9.7 Platform for Fader Module

New Debian 9.7 (Stretch) operating system on Glacier Fader modules improves stability by significantly reducing the risk of a potential module freeze.

STOAMOD-2600 Debian 9.7 Platform for Central Module

New Debian 9.7 (Stretch) operating system on Glacier Central modules improves stability by significantly reducing the risk of a potential module freeze.

STOAMOD-2511 CloudAdapter crashed after network issue

Under certain circumstances, network issues, network cable disconnect/reconnect or Core restart could lead to a crash of the CloudAdapter.

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

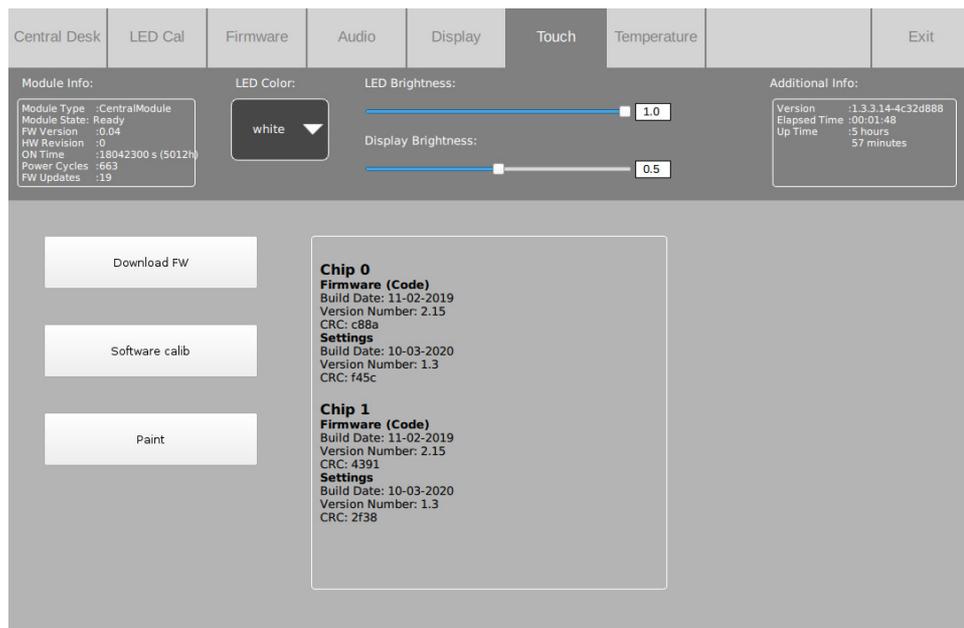
Reaction on touch operation may become delayed or even stops completely. This symptom is also known as touch freeze. The problem may show up on Central- and Fader modules.

New touch controller firmware is provided for Central- and Fader modules with improved resistance against interferences and better stability of the touch sensor.

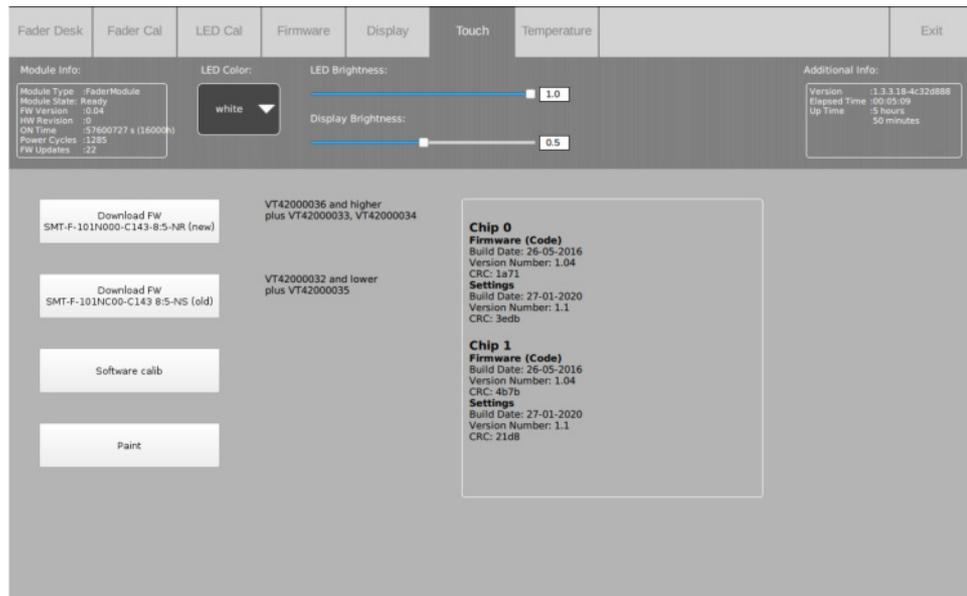
STOAMOD-2528 Indication of Touch Controller Firmware Version Information

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:



Firmware version information on the Fader Module:



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.

STOAMOD-2582 Deselect Save Session setting for shutdown by default

Session settings are no longer saved by default, when manually shutdown a Glacier desk module.

If happened several time that users accidently shutdown the Xfce desktop. Since the *Save Session* setting was pre-selected by default, possibly changed Linux settings were saved.

In the worst case, this can lead to the situation that modules don't start anymore after a power cycle.

In order to guarantee proper operation, Xfce shall always start-up with factory default settings and user changes must not be saved.

Therefore the *Save Session* pre-selection was removed in the shutdown dialog.

STOAMOD-2639 Add required Debian packages for Systemlogger to Debian 9.7 Platform(s)

Debian packages required by Systemlogger were added to the platform.

The Systemlogger is a set of Windows and Linux scripts, which shall help technicians to collect log-files and device information from all Glacier desk modules in a studio.

When contacting HPro Tech Support for any Glacier issues, support team may ask you to run certain Systemlogger scripts for system analysis.

STOAMOD-2673 Add DbgHelp package to CloudAdapter

The package adds the miniDump tool to the CloudAdapter, which will create a dump file in case of an application crash. It will be helpful for R&D crash analysis.

3 Software Compatibility

The following table shows software compatibility of Glacier V1.3.3 desk modules with other software components and products:

		Central Module V1.3.3	Fader Module V1.3.3
File Server	V1.0	X	X
	V1.1	X	X
	V1.2	X	X
	V1.3	X	X
CloudAdapter	V1.0	-	-
	V1.1	-	-
	V1.2	-	-
	V1.3	X	X
Nano Core	V7.0	X	X
OnAir3000 Compact SCore	V7.0	X	X
OnAir3000 Score Live	V7.0	X	X
Remote ConfigTool	V4.2	X	X