

# Release Notes

## HARVEY® Composer

### Version 2.6.0

Compatible with HARVEY Pro firmware version 2.2.x, 2.3.x, 2.4.x, 2.5.x, 2.6.x (not compatible with mx.16)

#### IMPROVEMENTS

- ✓ Project file path in Cockpit is displayed at mouseover
- ✓ Matrix block dimensions are reducible in properties dialog

#### FIXES

- ✓ Fixed weird scaling effects of HARVEY Composer on high resolution displays
- ✓ Fixed failing firmware update on devices running large matrix projects

#### FIRMWARE 2.6.0.0

- ✓ Speed up H-Text SET and SUB commands with H-Text transactions using new BEGIN/END statements
- ✓ Matrix block performance improved by up to 40%
- ✓ Fixed handling of invalid input selector configuration via H-Text

### Version 2.5.0

Compatible with HARVEY Pro firmware version 2.2.x, 2.3.x, 2.4.x, 2.5.x (not compatible with mx.16)

#### NEW

- ✓ Added RC12 control block

#### FIXES

- ✓ Fixed Composer lagging in projects with large presets

#### FIRMWARE 2.5.0.0

- ✓ Doubled DSP matrix block performance
- ✓ Added support for RC12 block
- ✓ Added H-Text command to store presets (see H-Text manual v2.5)

- ✓ Fixed fan control for temperatures >100°C
- ✓ Fixed issue that could cause HARVEY to hang in “booting...” state after power up

## Version 2.4.5 (release Jan 04th, 2020)

Compatible with HARVEY Pro firmware version 2.2.x, 2.3.x, 2.4.x (not compatible with mx.16)

FIRMWARE 2.4.5.0

- ✓ Updated support for devices with integrated fan

## Version 2.4.3 (release Dec 20th, 2019)

Compatible with HARVEY Pro firmware version 2.2.x, 2.3.x, 2.4.x (not compatible with mx.16)

FIRMWARE 2.4.5.0

- ✓ Added support for devices with integrated fan

## Version 2.4.2 (release Dec 20th, 2019)

Compatible with HARVEY Pro firmware version 2.2.x, 2.3.x, 2.4.x (not compatible with mx.16)

NEW

- ✓ Switched to new HARVEY Pro naming scheme
- ✓ Added support for all HARVEY Pro devices

FIXES

- ✓ Web Block configuration window will adapt size correctly when screen size changes to low resolution (e.g. when connecting laptop with video projector)
- ✓ Display of Input Selector with large number of inputs has been improved in Web Block editor.

FIRMWARE 2.4.2.0

- ✓ Default device name of HARVEY Pro devices contains MAC address to avoid duplicate names in network.
- ✓ Added display of current device temperature to Device Status screen
- ✓ Improved handling of internal SD card
- ✓ Improved DSP stability upon Dante card errors

## Version 2.3.0 (release Oct 7th, 2019)

Compatible with HARVEY Pro firmware version 2.2.x, 2.3.x (not compatible with mx.16)

### NEW

- ✓ Added new processing block Input Selector
- ✓ Channels of processing blocks can go up to 64, Matrix up to 80
- ✓ Added Copy & Paste functionality
- ✓ Upgrade .Net Framework dependency to 4.5 (drop Windows XP support)
- ✓ "Beta" tag removed from Web Interface block

### FIXES

- ✓ Matrix UI performance improved
- ✓ VU-Meter UI performance improved
- ✓ Cockpit interaction with RC4 fixed/improved
- ✓ Better robustness for online Hypermatrix projects

### FIRMWARE 2.3.0.0

- ✓ Better robustness and corrections for Hypermatrix projects
- ✓ Better robustness for projects with many RC4

## Version 2.2.2 (release Jun 19<sup>th</sup>, 2019)

Compatible with HARVEY Pro firmware version 2.2.x (not compatible with mx.16)

### NEW

- ✓ Added support for HARVEY 16x8 devices

### FIXES

- ✓ Fixed error when opening device setup for devices with incompatible firmware.
- ✓ Fixed inconsistent behavior after opening block properties within wire connector form.

## Version 2.2.1 (release Jun 10<sup>th</sup>, 2019)

Compatible with HARVEY Pro firmware version 2.2.x (not compatible with mx.16)

### NEW

- ✓ Project type Hypermatrix allows creation of projects with multiple HARVEY devices
- ✓ RC4-DMX block can connect RC4 wall panel with DMX channel
- ✓ New HARVEY device types have been added
- ✓ Dante interface adopts configured HARVEY device name  
WARNING: Dante routing in existing projects has to be redone for devices receiving audio from HARVEY after update.

## IMPROVEMENTS

- ✓ Default lookahead for Dynamic, Ducker, AGC has been changed to 0ms

## FIXES

- ✓ Fixed wire routing deadlocks in handling of some large projects
- ✓ Several minor stability fixes

## Version 2.1.4.0 (release Oct 12<sup>th</sup>, 2018)

Compatible with firmware version 2.1.x

### FIXES

- ✓ Improved Copy/Paste within ID list

### FIRMWARE 2.1.4.0

- ✓ Fix other control connections being affected/blocked by unreachable client (#2645)

## Version 2.1.3.0 (released Sep 25<sup>th</sup>, 2018)

Compatible with firmware version 2.1.x

### NEW

- ✓ Password protection for project
- ✓ Support for HARVEY 4x0 Dante and HARVEY 0x8 Dante device types

### FIRMWARE 2.1.3.0

- ✓ Support for HARVEY 4x0 Dante and HARVEY 0x8 Dante device types
- ✓ HARVEY 8x8: Improved DSP Performance
- ✓ HARVEY 8x8: Fixed Display not having power under rare boot conditions
- ✓ Improved HARVEY discovery speed with multiple HARVEY devices in the network
- ✓ Fixed condition causing hang up during boot, standing on "Booting..." on display in some cases
- ✓ Fixed network going through dynamic configuration during boot even if manual was supplied

## Version 2.0.4.0 (released July 25<sup>th</sup>, 2018)

Compatible with firmware version 2.0.x

### NEW

- ✓ Support for new HARVEY generation devices (HARVEY 8x8, HARVEY 8x8 Dante) added.
- ✓ Conversion of projects between different device categories added (use dropdown below worksheet)
- ✓ RC4 remote control support added for new generation devices
- ✓ Project conversion support for very old projects (e.g. created using HARVEY Mentor 0.9.9.32)

#### FIXES

- ✓ Fixed display of DSP usage after performing undo/redo on worksheet
- ✓ Fixed Flipflop port naming after project load

#### FIRMWARE 2.0.4.0

- ✓ Support for new HARVEY generation devices
- ✓ Fixed renaming of mx.16 devices on user interface
- ✓ Fixed IP subnet handling

## Version 1.9.1.0 (released April 26<sup>th</sup>, 2017)

Compatible with firmware version 1.8.x, 1.9.x

#### NEW

- ✓ H-Text offers asynchronous Subscription/Notification mechanism

#### FIXES

- ✓ Fixed renaming of hardware i/o blocks (e.g. audio input, dante input, etc.)
- ✓ Fixed project converter when loading cobranet projects created with composer 1.2.x (e.g. example files from HARVEY homepage)

#### FIRMWARE 1.9.1.0

- ✓ Fixed H-Text stability issues
- ✓ Fixed spurious crossover bypass
- ✓ Fixed temperature false alarms (ERR07/ERR08) during boot
- ✓ Fixed DMX parameter problem during boot (ERR19/ERR01)
- ✓ Fixed error when loading large projects (web) from the device
- ✓ Improved overall control performance
- ✓ Improved webserver performance

## Version 1.8.6.0 (released January 5<sup>th</sup>, 2017)

Compatible with firmware version 1.8.x, 1.9.x

#### IMPROVEMENTS

- ✓ Improved loading performance of web interface projects

## FIXES

- ✓ Fixed software update wizard which stopped working in version 1.8.3.1 when language was set to Chinese.

## FIRMWARE 1.8.6.0

- ✓ Fixed several firmware initialization bugs which would cause system boot or project loading to fail under rare circumstances.
- ✓ Fixed network configuration bug which caused manual IP address settings not to be applied properly in some cases.
- ✓ Fixed TCP and serial block parameters not being loaded properly after having been changed online

## Version 1.8.3.1 (released June 20<sup>th</sup>, 2016)

Compatible with firmware version 1.8.x, 1.9.x

### IMPROVEMENTS

- ✓ Updated Chinese User Interface translations

## Version 1.8.3 (released April 1<sup>st</sup>, 2016)

Compatible with firmware version 1.8.x, 1.9.x

### NEW

- ✓ Added Web-Interface block
- ✓ Added DMX >> Logic block
- ✓ Added DMX >> Gain Control block

## Version 1.7.1 (released August 28<sup>th</sup>, 2015)

Compatible with firmware version 1.7.x

### IMPROVEMENTS

- ✓ Significant speedup of large parameter updates in Composer upon parameter changes in the HARVEY device (e.g. through preset call).

### FIXES

- ✓ Fixed incomplete update of Composer windows after calling a preset containing a large number of parameters (e.g. including DMX or large Matrix block)

## Version 1.7.0 (released August 13<sup>th</sup>, 2015)

Compatible with firmware version 1.7.x

### IMPROVEMENTS

- ✓ Ask user what to do if a bundle is dragged on a block which does not provide enough channels or where some of the channels are already connected.

### FIXES

- ✓ Fixed various errors in Preset view
- ✓ Fixed crashes on Windows XP
- ✓ Fixed problems when removing channels from Automixer
- ✓ Fixed undefined behaviour of open parameter panels and presets which occurred in some cases after changing project layout.
- ✓ Fixed Undo-Button in DMX Parameter panel
- ✓ Fixed Crash that occurred when dragging control wire backwards on Automixer

## Version 1.6.0 (released April 9<sup>th</sup>, 2015)

### NEW

- ✓ DMX Parameters are settable through parameter dialog (#736)
- ✓ DMX Parameters may now be added to presets (#735)
- ✓ Added DMX Fadetime parameter (#737)
- ✓ Added Support for HARVEY Firmware 1.7

## Version 1.5.0 released January 28<sup>th</sup>, 2015)

Compatible with firmware version 1.6.0

### IMPROVEMENTS

- ✓ Added new block "UDP Client" to control library
- ✓ Renamed the former block "Ethernet Interface" to "TCP Server"
- ✓ Added new block "Toggle Flip-Flop" (T-FlipFlop) to control library

## Version 1.4.0 (released October 1<sup>st</sup>, 2014)

Compatible with firmware version 1.5.0

### IMPROVEMENTS

- ✓ Added Audinate's Dante multi-channel networking technology with support for additional 16x16 digital audio channels (HARVEY Dante device variant required)
- ✓ New functional block Automatic Volume Control (AVC) (AVC function requires specific AVC firmware variant)
- ✓ New human readable control protocol named "H-Text" supporting Ethernet and serial interface blocks RS232 and RS485
- ✓ Added Chinese language support in Composer installer and application

### FIXES

- ✓ Fixed problems that occurred when opening projects which were created on a Windows system with different language/culture settings
- ✓ Fixed automatic route creation for HARVEY devices in the local network with an unreachable IP configuration on Windows 7
- ✓ Fixed Harvey Route Service crash on non-German Windows systems

## Version 1.2.2 (released December 10<sup>th</sup>, 2013)

### IMPROVEMENTS

- ✓ Added performance estimation for Firmware 1.3.1

### FIXES

- ✓ Fixed crash caused by a combination of deleting an input block on the worksheet and opening the connection dialog for another input block.
- ✓ Fixed crash caused by deleting a link while having its link dialog opened.
- ✓ Fixed font and layout problems in Chinese Windows 7.
- ✓ Fixed number boxes for language environments using a dot as decimal separator, e.g. English or Chinese.
- ✓ Fixed crash caused by dragging wires from hardware ports.
- ✓ Fixed bundle connecting problems which occurred after accidentally dragging the bundle beyond the stack which it was supposed to be connected to.

## Version 1.2.1 (released August 19<sup>th</sup>, 2013)

### FIXES

- ✓ Fixed problems of block transparency on the worksheet not being reset correctly when switching from preset tab to library or other tabs in the side bar.