

GS-R24 MIDI Firmware Release Notes

Version 1.2.3 - New feature release. April 2013

V1.2.3 includes both motorised and non-motorised version of the MIDI firmware.

Note 1: For new features to work, the FireWire interface firmware and driver need to be updated as well.

New FireWire driver: 4.1.0.14624

New FireWire firmware: SDK 4.1.0.14624, App 1.2.3

Note 2: GS-R24 and GS-R24M MIDI functionality is also accessible through the physical MIDI port on both the FireWire and the Analogue interface, according to the MIDI mode set at power up. It can be set for HUI emulation using third party MIDI translator software.

MIDI functionality

Modes 1, 2, 3, 4 (uses the first virtual MIDI port only).

For Default MIDI Modes **1, 2, 3, 4** please see GS_R24_Default_MIDI_Issue_1.0.pdf

Mode 7 (uses the first virtual MIDI port only).

Modes 5, 6, 9 (uses all virtual MIDI ports).

For Mode 5,6,7 and 9 please see GS_R24_DAW_Functionality_Issue_1.0.pdf

Some Maps for this release are as follows,

Reaper = V1.3

Pro Tools = V1.3

Sonar = V1.2

Version 1.2.1 - Maintenance release. July 2012

V1.2.1 includes both motorised and non-motorised version of the MIDI firmware.

Version 1.2.0 - New feature release. July 2012

V1.2.0 for GS-R24M introduces integrated HUI support for the FireWire interface. MIDI is tunnelled over the FireWire bus and three virtual MIDI ports will appear in the host computer. MIDI modes set at power-up affect the mapping and functionality as follows.

Note 1: For new features to work, the FireWire interface firmware and driver need to be updated as well.

New FireWire driver: 4.0.0.13485New

FireWire firmware: SDK 4.0.0.13485, App 1.2.0

Note 2: GS-R24 and GS-R24M MIDI functionality is also accessible through the physical MIDI port on both the FireWire and the Analogue interface, according to the MIDI mode set at power up. It can be set for HUI emulation using third party MIDI translator software. Please refer to the GS-R24 User Guide for instructions on setting MIDI modes.

New FireWire driver: 4.0.0.13485

New FireWire firmware: SDK 4.0.0.13485, App 1.2.0

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Note 2: GS-R24 and GS-R24M MIDI functionality is also accessible through the physical MIDI port on both the FireWire and the Analogue interface, according to the MIDI mode set at power up. It can be set for HUI emulation using third party MIDI translator software. Please refer to the GS-R24 User Guide for instructions on setting MIDI modes.

MIDI functionality chart in V1.2.0

MIDI Mode	Solo/Sel LED Tally	MIDI CH	Transport LED Tally	Transport protocol	Solo/Sel ADD mode	Solo/Sel SOLO mode	Solo/Sel MIDI message	Rotary SHIFT	Solo/Sel switch SHIFT
1 Std. MIDI 1	Internal	Any	Internal	MMC / Note	Y	Y	Note ON / OFF (1 Press)	N	ADD mode only
2 Std. MIDI 2	Internal	Any	Internal	MMC / Note	Y	Y	Note ON or OFF (2 Press)	N	ADD mode only
3 Std. MIDI 3	MIDI	Any	MIDI	MMC / Note	Y	Y	Note ON / OFF (1 Press)	N	ADD mode only
4 Std. MIDI 4	MIDI	Any	MIDI	MMC / Note	Y	Y	Note ON or OFF (2 Press)	N	ADD mode only
5 Reaper	MIDI	Fixed	MIDI	HUI	Y	N	Fixed	Y	Y
6 ProTools	MIDI	Fixed	MIDI	HUI	Y	N	Fixed	Y	Y
7 US-2400	MIDI	Fixed	MIDI	US-2400	Y	N	Fixed	Y	Y
8	DEMO								
9 SONAR	MIDI	Fixed	Fixed	MMC	Y	N	Fixed	Y	Y

Note 3: Modes 1, 2, 3, 4, 7 use the first virtual MIDI port only. Modes 5, 6, 9 use all virtual MIDI ports. In modes 5, 6, 7, Transport commands are sent through the first virtual MIDI port.

Assigned controls in mode 5, 6, 7, 9

MIDI Mode	Transport	Mono Faders	Solo/Sel switches	Solo/Sel switches (shifted)	Rotaries	Rotaries (shifted)	Extra MIDI faders	Jog Wheel	Cursor
Reaper	Y	Y	Y	Y	Y	Y	N	N	N
Sonar	Y	Y	Y	Y	Y	Y	N	N	N
Protools	Y	Y	Y	Y	Y	Y	N	Y	N
US2400	Y	Y	Y	Y	Y	Y	N	Y	BANK

Version 1.1.0 - Maintenance release. June 2011

V1.1.0 fixes MIDI jitter issues on non-motorised GS-R24 units.