

# GS-R24 DEFAULT MIDI MAP

## GS-R24M / GS-R24 CHANNEL FADERS AND SELECT SWITCHES

Control	Switch	Sel 1	Sel 2	Sel 3	Sel 4	Sel 5	Sel 6	Sel 7	Sel 8	Sel 9	Sel 10	Sel 11	Sel 12	Sel 13	Sel 14	Sel 15	Sel 16	Sel 17	Sel 18	Sel 19	Sel 20	Sel 21	Sel 22	Sel 23	Sel 24	ST 1	ST 2
STATUS	ON	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)
	OFF	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)
DATA 1		0x01	0x02	0x03	0x04	0x05	0x06	0x07	0x08	0x09	0x0A	0x0B	0x0C	0x0D	0x0E	0x0F	0x10	0x11	0x12	0x13	0x14	0x15	0x16	0x17	0x18	0x21	0x22
	SHIFT	0x23	0x24	0x25	0x26	0x27	0x28	0x29	0x2A	0x2B	0x2C	0x2D	0x2E	0x2F	0x30	0x31	0x32	0x33	0x34	0x35	0x36	0x37	0x38	0x39	0x3A	0x43	0x44
DATA 2	ON	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F
	OFF	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00
Control	Change	Fad 1	Fad 2	Fad 3	Fad 4	Fad 5	Fad 6	Fad 7	Fad 8	Fad 9	Fad 10	Fad 11	Fad 12	Fad 13	Fad 14	Fad 15	Fad 16	Fad 17	Fad 18	Fad 19	Fad 20	Fad 21	Fad 22	Fad 23	Fad 24	MONO	FADER
STATUS		0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	0xB(ch)	FADER	0xB(ch)
DATA 1		0x01	0x02	0x03	0x04	0x05	0x06	0x07	0x08	0x09	0x0A	0x0B	0x0C	0x0D	0x0E	0x0F	0x10	0x11	0x12	0x13	0x14	0x15	0x16	0x17	0x18	ONLY	0x21
DATA 2		0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	GS-R24	0x(0-7F)

Using the chart above the MIDI codes that are sent from the desk as a switch is pressed or released will follow the pattern,

STATUS, DATA 1, DATA 2

All STATUS and DATA 2 values depend on whether a note On or Off is being sent.

DATA 1 values depend on whether the shift switch is currently being held down.

The GS-R24 MIDI Control can be set for different modes of operation. To set the configuration:

Power on the console, whilst holding down PLAY, Release PLAY and press the Solo/Sel button for that mode, Then press the STOP button.

The GS-R24 will now remain in the new mode until changed again.

The GS-R24 MIDI Control can also set MIDI Channel to be used. To set the configuration:

Power on the console, whilst holding down REC, Release REC and press the Solo/Sel button for that mode, Then press the STOP button.

The GS-R24 MIDI Channel will now remain until changed again.

MIDI MODES AND FUNCTIONALTY										
SW	Mode	LED's	MIDI CH	MMC LEDS	MMC/ NOTE	ADD	SOLO	NOTE ON /OFF	PAN SHIFT	SWITCH SHIFT
1	Desk 1	Internal	User Defined	Internal	User Defined	Y	Y	Note ON / OFF 1 Press	N	Add Mode
2	Desk 2	Internal	User Defined	Internal	User Defined	Y	Y	Note ON or OFF 2 Press	N	Add Mode
3	Desk 3	Midi	User Defined	Midi	User Defined	Y	Y	Note ON / OFF 1 Press	N	Add Mode
4	Desk 4	Midi	User Defined	Midi	User Defined	Y	Y	Note ON or OFF 2 Press	N	Add Mode
5	Reaper	MIDI FIXED PLEASE SEE FUNCTIONALITY CHART FOR MORE INFORMATION								
6	Pro Tools	MIDI FIXED PLEASE SEE FUNCTIONALITY CHART FOR MORE INFORMATION								
7	US-2400	MIDI FIXED PLEASE SEE FUNCTIONALITY CHART FOR MORE INFORMATION								
8	DEMO / TEST MODE									
9	Sonar	MIDI FIXED PLEASE SEE FUNCTIONALITY CHART FOR MORE INFORMATION								

The GS-R24 outputs default MIDI in modes 1-4, for other modes it is necessary to look at the GS\_R24\_DAW\_Functionality MIDI guide.

SW = MIDI select button for mode select.

MODE = Desk mode.

LED'S = Internal tally or MIDI return tally.

MIDI CH = MIDI Channel ch(1-16)

MMC LEDS = Internal tally or MIDI return tally.

MMC / NOTE = Either send MMC or Note On/Off.

ADD = MIDI switches work in ADD mode.

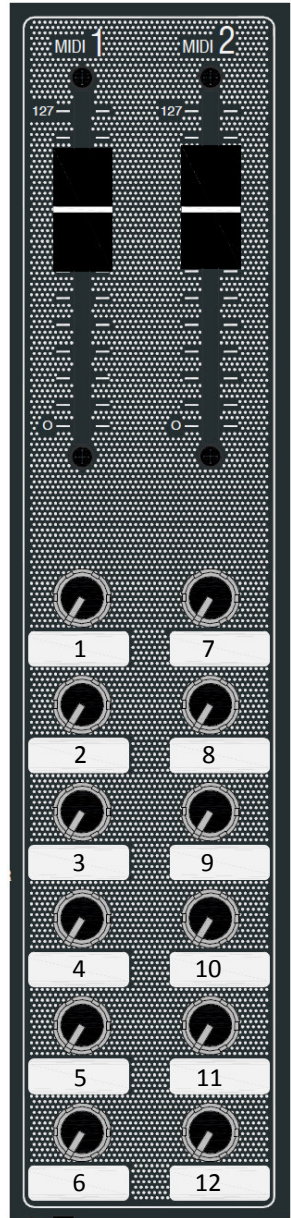
SOLO = MIDI switches work in SOLO mode.

NOTE ON/OFF = Toggle or no toggle on switch press.

PAN SHIFT = Pans work in shift mode.

SWITCH SHIFT = Select switches work in shift mode.

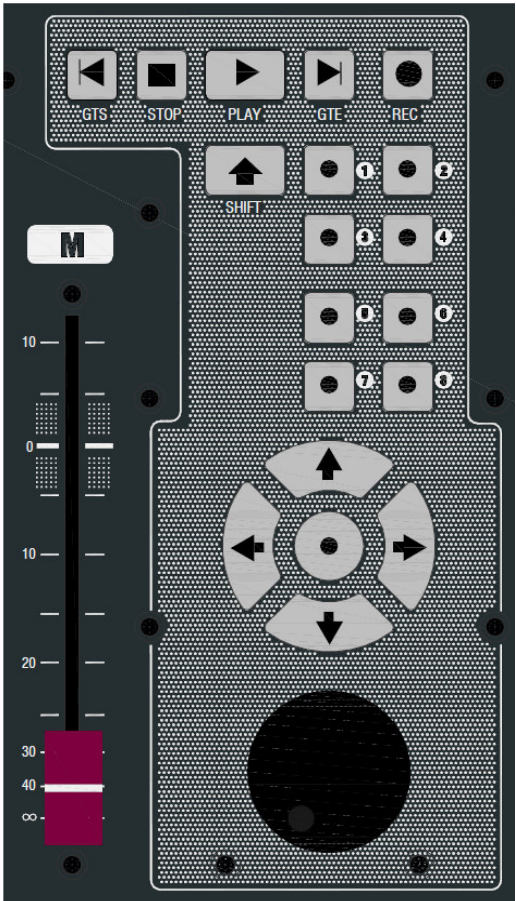
# GS-R24 DEFAULT MIDI MAP



GS-R24M / GS-R24 POTS AND MIDI FADERS															
Control	Change	Pot 1	Pot 2	Pot 3	Pot 4	Pot 5	Pot 6	Pot 7	Pot 8	Pot 9	Pot 10	Pot 11	Pot 12	Fad 1	Fad 2
STATUS	ON	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)
DATA 1		0x40	0x41	0x42	0x43	0x44	0x45	0x46	0x47	0x48	0x49	0x4A	0x4B	0x4C	0x4D
	SHIFT	0x4E	0x4F	0x50	0x51	0x52	0x53	0x54	0x55	0x56	0x57	0x58	0x59	0x5A	0x5B
DATA 2	ON	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)	0x(0-7F)

GS-R24M / GS-R24 TRANSPORT MMC						
Control	MMC	GTS	STOP	PLAY	GTE	REC
STATUS		0xF0	0xF0	0xF0	0xF0	0xF0
DATA 1		0x7F	0x7F	0x7F	0x7F	0x7F
DATA 2		0x7F	0x7F	0x7F	0x7F	0x7F
DATA 3		0x06	0x06	0x06	0x06	0x06
DATA 4		0x05	0x01	0x02	0x04	0x06
End Message		0xF7	0xF7	0xF7	0xF7	0xF7

GS-R24M / GS-R24 JOG WHEEL		
Control	JOG ←	JOG →
STATUS	0xB(ch)	0xB(ch)
DATA 1	0x7B	0x7B
DATA 2	0x(7F-40)	0x(00-3F)



GS-R24M / GS-R24 CONTROL SECTION																					
Control	Switch	GTS	STOP	PLAY	GTE	REC	SHIFT	1	2	3	4	5	6	7	8	↑	←	•	→	↓	JOG SW
STATUS	ON	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)	0x9(ch)
	OFF	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)	0x8(ch)
DATA 1		0x67	0x68	0x69	0x6A	0x6B	0x6C	0x6D	0x6E	0x6F	0x70	0x71	0x72	0x73	0x74	0x75	0x76	0x77	0x78	0x79	0x7A
DATA 2	ON	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F	0x7F
	OFF	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00	0x00