

## EQ2 Programmable Equalizer MIDI Mapping Table

Parameter	Default CC	Range	Comment
Master Volume (Output)	0	0 - 127	0 = $-\infty$ , 64 = Unity, 127 = +12dB
Input 1 Trim	1	0 - 127	0 = $-\infty$ , 64 = Unity, 127 = +6dB
Input 2 Trim	2	0 - 127	0 = $-\infty$ , 64 = Unity, 127 = +6dB
Channel 1, Band 1 - Level	3	0 - 36	0 = -18dB, 18 = 0dB, 36 = +18dB
Channel 1, Band 2 - Level	4	0 - 36	"
Channel 1, Band 3 - Level	5	0 - 36	"
Channel 1, Band 4 - Level	6	0 - 36	"
Channel 1, Band 5 - Level	7	0 - 36	"
Channel 1, Band 6 - Level	8	0 - 36	"
Channel 1, Band 7 - Level	9	0 - 36	"
Channel 1, Band 8 - Level	10	0 - 36	"
Channel 1, Band 9 - Level	11	0 - 36	"
Channel 1, Band 10 - Level	12	0 - 36	"
Channel 2, Band 1 - Level	13	0 - 36	"
Channel 2, Band 2 - Level	14	0 - 36	"
Channel 2, Band 3 - Level	15	0 - 36	"
Channel 2, Band 4 - Level	16	0 - 36	"
Channel 2, Band 5 - Level	17	0 - 36	"
Channel 2, Band 6 - Level	18	0 - 36	"
Channel 2, Band 7 - Level	19	0 - 36	"
Channel 2, Band 8 - Level	20	0 - 36	"
Channel 2, Band 9 - Level	21	0 - 36	"
Channel 2, Band 10 - Level	22	0 - 36	"
Channel 1, Band 1 - Frequency	23	0 - 127	20 Hz to 20 kHz, log spaced
Channel 1, Band 2 - Frequency	24	0 - 127	"
Channel 1, Band 3 - Frequency	25	0 - 127	"
Channel 1, Band 4 - Frequency	26	0 - 127	"
Channel 1, Band 5 - Frequency	27	0 - 127	"
Channel 1, Band 6 - Frequency	28	0 - 127	"
Channel 1, Band 7 - Frequency	29	0 - 127	"
Channel 1, Band 8 - Frequency	30	0 - 127	"
Channel 1, Band 9 - Frequency	31	0 - 127	"
Channel 1, Band 10 - Frequency	32	0 - 127	"
Channel 2, Band 1 - Frequency	33	0 - 127	"
Channel 2, Band 2 - Frequency	34	0 - 127	"
Channel 2, Band 3 - Frequency	35	0 - 127	"
Channel 2, Band 4 - Frequency	36	0 - 127	"
Channel 2, Band 5 - Frequency	37	0 - 127	"
Channel 2, Band 6 - Frequency	38	0 - 127	"
Channel 2, Band 7 - Frequency	39	0 - 127	"
Channel 2, Band 8 - Frequency	40	0 - 127	"
Channel 2, Band 9 - Frequency	41	0 - 127	"
Channel 2, Band 10 - Frequency	42	0 - 127	"
Channel 1, Band 1 - Q	43	0 - 95	0 = 0.5, 5 = 1.0 (default), 95 = 10.0

Channel 1, Band 2 - Q	44	0 - 95	"
Channel 1, Band 3 - Q	45	0 - 95	"
Channel 1, Band 4 - Q	46	0 - 95	"
Channel 1, Band 5 - Q	47	0 - 95	"
Channel 1, Band 6 - Q	48	0 - 95	"
Channel 1, Band 7 - Q	49	0 - 95	"
Channel 1, Band 8 - Q	50	0 - 95	"
Channel 1, Band 9 - Q	51	0 - 95	"
Channel 1, Band 10 - Q	52	0 - 95	"
Channel 2, Band 1 - Q	53	0 - 95	"
Channel 2, Band 2 - Q	54	0 - 95	"
Channel 2, Band 3 - Q	55	0 - 95	"
Channel 2, Band 4 - Q	56	0 - 95	"
Channel 2, Band 5 - Q	57	0 - 95	"
Channel 2, Band 6 - Q	58	0 - 95	"
Channel 2, Band 7 - Q	59	0 - 95	"
Channel 2, Band 8 - Q	60	0 - 95	"
Channel 2, Band 9 - Q	61	0 - 95	"
Channel 2, Band 10 - Q	62	0 - 95	"
Channel 1, Band 1 Type	--	0 - 1	0 = Peak Filter, 1 = Shelving Filter
Channel 1, Band 10 Type	--	0 - 1	"
Channel 2, Band 1 Type	--	0 - 1	"
Channel 2, Band 10 Type	--	0 - 1	"
Channel 1 Config	--	0 - 1	0 = Parallel (Graphic), 1 = Series (Parametric)
Channel 2 Config	--	0 - 1	"
Channel 1 Phase	--	0 - 1	0 = Normal, 1 = Inverted
Channel 2 Phase	--	0 - 1	"
Channel 1 Gain	69	0 - 36	0 = -18dB, 18 = 0dB, 36 = +18dB
Channel 2 Gain	70	0 - 36	0 = -18dB, 18 = 0dB, 36 = +18dB
Split Channels	--	0 - 1	0 = OFF (Channels Linked), 1 = ON (Not Linked)
Limiter Enable	--	0 - 1	0 = OFF, 1 = ON
Limiter Look-ahead	--	0 - 1	0 = OFF, 1 = ON
Limiter Stereo Link	--	0 - 1	0 = OFF, 1 = ON
Gate Enable	--	0 - 3	0 = OFF, 1 = Both, 2 = Channel 1, 3 = Channel 2
Gate Threshold	--	0 - 75	0 = -100dB, 75 = -25dB
Gate Source	--	0 - 1	0 = Channel 1, 1 = Channel 2
Channel 1 Input High Pass	71	0 - 28	0 = 10Hz, 28 = 80Hz (0.5Hz per step)
Channel 2 Input High Pass	72	0 - 28	"
Routing Option	73	0 - 4	0 = Auto Detect, 1 = Mono -> Stereo, 2 = Stereo -> Stereo, 3 = Stereo -> Mono, 4 =
Switch Assign	--	0 - 4	0 = Disabled
Switch Action	--	0 - 1	0 = Momentary, 1 = Latching
Enable External Control	--	0 - 1	0 = OFF, 1 = ON
Preset Decrement	80	--	Any Value
Preset Increment	82	--	Any Value
Enable/Disable Tuner	83	--	Any value enables, any MIDI CC will disable
Remote Switch Function	94	--	Latching Only, Any Value

Remote Expression	100	0 - 127	For using MIDI as External Control Source
Bypass/Engage	101	0 - 127	Value < 64 = Bypass, Value >= 64 Engage
Toggle Bypass/Engage	102	--	Any Value
Recall Preset Bypassed	103	0 - 127	Recall Preset (Value) in Bypass state
Recall Preset Engaged	104	0 - 127	Recall Preset (Value) in Engaged state