

ENIEQMA

MIDI IMPLEMENTATION

CONTROL CHANGE

The CC numbers listed in the tables below are the default values. You may assign arbitrary (0 to 127) to each CC functions using the EnieqLab editor software (*Menu > MIDI Configuration*).

OPERATION	CC# (default)	Value Range
EQ bypass / engage	0	<i>Bypass = 0, Engage = 127</i>
EQ-L bypass / engage	1	<i>Bypass = 0, Engage = 127</i>
EQ-R bypass / engage	2	<i>Bypass = 0, Engage = 127</i>
Booster	3	<i>Off = 0, On = 127</i>
Stereo Expander	4	0 - 2
Delay	5	0 - 127
Depth	6	0 - 127
Preset Up/Down	7	<i>Down = 0, Up = 127</i>
EQ Mode	8	0 - 5
EQ Channel Mode	9	<i>Linked = 0, Independent = 127</i>
Boost Channel Mode	10	<i>Linked = 0, Independent = 127</i>
Input Level	11	0 - 127
Volume (L)	12	0 - 127
Volume (R)	13	0 - 127
Boost Level (L)	14	0 - 127
Boost Level (R)	15	0 - 127
Prototype (L)	16	0 - N
Prototype (R)	17	0 - N

Stereo Expander

- 0 = *Off*
- 1 = *Short Delay*
- 2 = *Dimensional Expansion*

EQ Mode

- 0 = *ParaEQ*
- 1 = *SimpleEQ*
- 2 = *PultEQ*
- 3 = *SimpleEQ + ParaEQ*
- 4 = *PultEQ + ParaEQ*

Prototype

- N = 43 (Parametric EQ)
- N = 11 (Simple EQ)
- N = 11 (Pulteq EQ)

PARAMETERS	CC# (Default)	Value Range
ParaEQ Type (band 1 - <i>ch.L</i>)	18	0 - 4
ParaEQ Type (band 2 - <i>ch.L</i>)	19	0 - 4
ParaEQ Type (band 3 - <i>ch.L</i>)	20	0 - 4
ParaEQ Type (band 4 - <i>ch.L</i>)	21	0 - 4
ParaEQ Type (band 5 - <i>ch.L</i>)	22	0 - 4
ParaEQ Gain (band 1 - <i>ch.L</i>)	23	0 - 127
ParaEQ Gain (band 2 - <i>ch.L</i>)	24	0 - 127
ParaEQ Gain (band 3 - <i>ch.L</i>)	25	0 - 127
ParaEQ Gain (band 4 - <i>ch.L</i>)	26	0 - 127
ParaEQ Gain (band 5 - <i>ch.L</i>)	27	0 - 127

Parameteric EQ Type

- 0 = *Highpass*
- 1 = *Low-Shelving*
- 2 = *Bell*
- 3 = *High-Shelving*
- 4 = *Lowpass*

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PARAMETERS	CC# (default)	Value Range
ParaEQ Q (band 1 - ch.L)	28	0 - 127
ParaEQ Q (band 2 - ch.L)	29	0 - 127
ParaEQ Q (band 3 - ch.L)	30	0 - 127
ParaEQ Q (band 4 - ch.L)	31	0 - 127
ParaEQ Q (band 5 - ch.L)	32	0 - 127
ParaEQ Freq (band 1 - ch.L)	33	0 - 127
ParaEQ Freq (band 2 - ch.L)	34	0 - 127
ParaEQ Freq (band 3 - ch.L)	35	0 - 127
ParaEQ Freq (band 4 - ch.L)	36	0 - 127
ParaEQ Freq (band 5 - ch.L)	37	0 - 127
ParaEQ state (band 1 - ch.L)	38	Off = 0, On = 127
ParaEQ state (band 2 - ch.L)	39	Off = 0, On = 127
ParaEQ state (band 3 - ch.L)	40	Off = 0, On = 127
ParaEQ state (band 4 - ch.L)	41	Off = 0, On = 127
ParaEQ state (band 5 - ch.L)	42	Off = 0, On = 127

PARAMETERS	CC# (Default)	Value Range
ParaEQ Type (band 1 - ch.R)	43	0 - 4
ParaEQ Type (band 2 - ch.R)	44	0 - 4
ParaEQ Type (band 3 - ch.R)	45	0 - 4
ParaEQ Type (band 4 - ch.R)	46	0 - 4
ParaEQ Type (band 5 - ch.R)	47	0 - 4
ParaEQ Gain (band 1 - ch.R)	48	0 - 127
ParaEQ Gain (band 2 - ch.R)	49	0 - 127
ParaEQ Gain (band 3 - ch.R)	50	0 - 127
ParaEQ Gain (band 4 - ch.R)	51	0 - 127
ParaEQ Gain (band 5 - ch.R)	52	0 - 127
ParaEQ Q (band 1 - ch.R)	53	0 - 127
ParaEQ Q (band 2 - ch.R)	54	0 - 127
ParaEQ Q (band 3 - ch.R)	55	0 - 127
ParaEQ Q (band 4 - ch.R)	56	0 - 127
ParaEQ Q (band 5 - ch.R)	57	0 - 127

Parameteric EQ Type

- 0 = [Highpass](#)
- 1 = [Low-Shelving](#)
- 2 = [Bell](#)
- 3 = [High-Shelving](#)
- 4 = [Lowpass](#)

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PARAMETERS	CC# (default)	Value Range
ParaEQ Freq (band 1 - ch.R)	58	0 - 127
ParaEQ Freq (band 2 - ch.R)	59	0 - 127
ParaEQ Freq (band 3 - ch.R)	60	0 - 127
ParaEQ Freq (band 4 - ch.R)	61	0 - 127
ParaEQ Freq (band 5 - ch.R)	62	0 - 127
ParaEQ state (band 1 - ch.R)	63	Off = 0, On = 127
ParaEQ state (band 2 - ch.R)	64	Off = 0, On = 127
ParaEQ state (band 3 - ch.R)	65	Off = 0, On = 127
ParaEQ state (band 4 - ch.R)	66	Off = 0, On = 127
ParaEQ state (band 5 - ch.R)	67	Off = 0, On = 127

PARAMETERS	CC# (Default)	Value Range
SimplEQ Type (ch.L)	68	0 - 6
SimplEQ Bass (ch.L)	69	0 - 127
SimplEQ Mids (ch.L)	70	0 - 127
SimplEQ Treble (ch.L)	71	0 - 127
SimplEQ Type (ch.R)	72	0 - 6
SimplEQ Bass (ch.R)	73	0 - 127
SimplEQ Mids (ch.R)	74	0 - 127
SimplEQ Treble (ch.R)	75	0 - 127

Simple EQ Type

- 0 = *Tonestack F*
- 1 = *Tonestack M*
- 2 = *Tonestack V*
- 3 = *Bass & Treble*
- 4 = *Wah*
- 5 = *Tilt*
- 6 = *Scooped-Tilt*

PARAMETERS	CC# (Default)	Value Range
PultEQ Low Peak (ch.L)	76	0 - 127
PultEQ Low Freq (ch.L)	77	0 - 127
PultEQ Mid Dip (ch.L)	78	0 - 127
PultEQ Mid Freq (ch.L)	79	0 - 127
PultEQ High Peak (ch.L)	80	0 - 127
PultEQ High Freq (ch.L)	81	0 - 127
PultEQ Low Peak (ch.R)	82	0 - 127
PultEQ Low Freq (ch.R)	83	0 - 127
PultEQ Mid Dip (ch.R)	84	0 - 127
PultEQ Mid Freq (ch.R)	85	0 - 127

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PARAMETERS	CC# (default)	Value Range
PultEQ High Peak (ch.R)	86	0 - 127
PultEQ High Freq (ch.R)	87	0 - 127

PARAMETERS	CC# (default)	Value Range
Limiter	88	Off = 0, On = 127
Limiter Channel mode	89	Linked = 0, Independent = 127
Limiter Input gain (ch.L)	90	0 - 127
Limiter Threshold (ch.L)	91	0 - 127
Limiter Attack (ch.L)	92	0 - 127
Limiter Input gain (ch.R)	93	0 - 127
Limiter Threshold (ch.R)	94	0 - 127
Limiter Attack (ch.R)	95	0 - 127

Added in firmware v1.0.1

PARAMETERS	CC# (default)	Value Range
Volume Increment/ Decrement	96	Decrement = 0, Increment = 127
Boost Level Increment/ Decrement	97	Decrement = 0, Increment = 127
Prototype Increment/ Decrement	98	Decrement = 0, Increment = 127

Added in firmware v1.2.0

PROGRAM CHANGE (PC)

Preset #	PC #
1	0
2	1
3	2
⋮	⋮
64	63

Total preset : 64

Default MIDI Channel

Enieqma is pre-programmed to use MIDI channel 1. You can change the channel number to any number from 1 through 16 in **Global Settings** menu.