

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 = 44 (Parametric EQ)  
 N = 12 (Simple EQ)  
 N = 12 (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 - <b>ch.R</b> )	58	0 - 127
ParaEQ Freq (band 2 - <b>ch.R</b> )	59	0 - 127
ParaEQ Freq (band 3 - <b>ch.R</b> )	60	0 - 127
ParaEQ Freq (band 4 - <b>ch.R</b> )	61	0 - 127
ParaEQ Freq (band 5 - <b>ch.R</b> )	62	0 - 127
ParaEQ state (band 1 - <b>ch.R</b> )	63	Off = 0, On = 127
ParaEQ state (band 2 - <b>ch.R</b> )	64	Off = 0, On = 127
ParaEQ state (band 3 - <b>ch.R</b> )	65	Off = 0, On = 127
ParaEQ state (band 4 - <b>ch.R</b> )	66	Off = 0, On = 127
ParaEQ state (band 5 - <b>ch.R</b> )	67	Off = 0, On = 127

PARAMETERS	CC# (Default)	Value Range
SimpleEQ Type ( <b>ch.L</b> )	68	0 - 6
SimpleEQ Bass ( <b>ch.L</b> )	69	0 - 127
SimpleEQ Mids ( <b>ch.L</b> )	70	0 - 127
SimpleEQ Treble ( <b>ch.L</b> )	71	0 - 127
SimpleEQ Type ( <b>ch.R</b> )	72	0 - 6
SimpleEQ Bass ( <b>ch.R</b> )	73	0 - 127
SimpleEQ Mids ( <b>ch.R</b> )	74	0 - 127
SimpleEQ Treble ( <b>ch.R</b> )	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 ( <b>ch.L</b> )	76	0 - 127
PultEQ Low Freq ( <b>ch.L</b> )	77	0 - 127
PultEQ Mid Dip ( <b>ch.L</b> )	78	0 - 127
PultEQ Mid Freq ( <b>ch.L</b> )	79	0 - 127
PultEQ High Peak ( <b>ch.L</b> )	80	0 - 127
PultEQ High Freq ( <b>ch.L</b> )	81	0 - 127
PultEQ Low Peak ( <b>ch.R</b> )	82	0 - 127
PultEQ Low Freq ( <b>ch.R</b> )	83	0 - 127
PultEQ Mid Dip ( <b>ch.R</b> )	84	0 - 127
PultEQ Mid Freq ( <b>ch.R</b> )	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	<i>Off = 0, On = 127</i>
Limiter Channel mode	89	<i>Linked = 0, Independent = 127</i>
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 starting with  
firmware update v1.0.1

**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.