

## MIDIBox AY 3 8912 - Controllers

- **CONTROLLER 01 - ENVELOPE SHAPE CONTROL:**

- CC1 Value 00-008 dec. ⇒ ENVELOPE SHAPE down
- CC1 Value 16-023 dec. ⇒ ENVELOPE SHAPE up down
- CC1 Value 24-031 dec. ⇒ ENVELOPE SHAPE down continue
- CC1 Value 32-039 dec. ⇒ ENVELOPE SHAPE down continue2
- CC1 Value 40-047 dec. ⇒ ENVELOPE SHAPE down up
- CC1 Value 48-055 dec. ⇒ ENVELOPE SHAPE up continue
- CC1 Value 56-063 dec. ⇒ ENVELOPE SHAPE up
- CC1 Value 64-127 dec. ⇒ ENVELOPE SHAPE up continue2
- See ENVELOPE SHAPE ⇒ [http://www.midibox.org/dokuwiki/midibox\\_ay\\_3\\_8912\\_envelope](http://www.midibox.org/dokuwiki/midibox_ay_3_8912_envelope)

- **CONTROLLER 02 - GLOBAL ENVELOPE FINE** 0-127 (128-255 with +128 OFFSET CC3)

- **CONTROLLER 03 - GLOBAL ENVELOPE FINE +128 OFFSET** (Value 0 ⇒ NO OFFSET, Value 1-128 ⇒ OFFSET +128)

- **CONTROLLER 04 - GLOBAL ENVELOPE COARSE** 0-127 (128-255 with +128 OFFSET CC5)

- **CONTROLLER 05 - GLOBAL ENVELOPE COARSE +128 OFFSET** (Value 0 ⇒ NO OFFSET, Value 1-128 ⇒ OFFSET +128)

- **CONTROLLER 06 - GLOBAL NOISE PERIOD** (Value 0-127 ⇒ 0-31 NIOSE PERIOD)

- **CONTROLLER 07 - VOLUME A** (Value 0-127 ⇒ 0-15 VOLUME)

- **CONTROLLER 08 - VOLUME B** (Value 0-127 ⇒ 0-15 VOLUME)

- **CONTROLLER 09 - VOLUME C** (Value 0-127 ⇒ 0-15 VOLUME)

- **CONTROLLER 10** - Value 1-127 = Tone A ON / Value 0 = Tone A OFF

- **CONTROLLER 11** - Value 1-127 = Tone B ON / Value 0 = Tone B OFF

- **CONTROLLER 12** - Value 1-127 = Tone C ON / Value 0 = Tone C OFF

- **CONTROLLER 13** - Value 1-127 = Noise A ON / Value 0 = Noise A OFF

- **CONTROLLER 14** - Value 1-127 = Noise B ON / Value 0 = Noise B OFF

- **CONTROLLER 15** - Value 1-127 = Noise C ON / Value 0 = Noise C OFF

- **CONTROLLER 16** - Value "Envelope Mode" Tone A on/off - Value 0 = OFF / Value 1-127 = ON

- **CONTROLLER 17** - Value "Envelope Mode" Tone B on/off - Value 0 = OFF / Value 1-127 = ON

- **CONTROLLER 18** - Value "Envelope Mode" Tone C on/off - Value 0 = OFF / Value 1-127 = ON

- **CONTROLLER 19** - Value "Velocity Mode" Tone A on/off - Value 0 = OFF / Value 1-127 = ON

- **CONTROLLER 20** - Value "Velocity Mode" Tone B on/off - Value 0 = OFF / Value 1-127 = ON

- **CONTROLLER 21** - Value "Velocity Mode" Tone C on/off - Value 0 = OFF / Value 1-127 = ON

- **CONTROLLER 22** - Value "Noise Period to Velocity" ON/OFF

- Value 0 ⇒ "Velocity to Noise Period" = OFF

- Value 1 ⇒ "Velocity to Noise Period" = ON [Take Velocity from MIDI Channel TONE A]

- Value 2 ⇒ "Velocity to Noise Period" = ON [Take Velocity from MIDI Channel TONE B]

- Value 3 ⇒ "Velocity to Noise Period" = ON [Take Velocity from MIDI Channel TONE C]

- Value > 3 ⇒ NOT effective

- Note: CC22 is effective on the MIDI Channel of Tone A or B or C

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(MIDIBox AY 8912 V0.07, 20.06.2009)

More to come...

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