MIDIBox AY 3 8912 - Controllers

- **CONTROLLER 01 - ENVELOPE SHAPE CONTROL:**
- CC1 Value 000-015 dec. ⇒ ENVELOPE SHAPE down
- CC1 Value 016-023 dec. ⇒ ENVELOPE SHAPE up down
- CC1 Value 024-031 dec. ⇒ ENVELOPE SHAPE down continue
- CC1 Value 032-039 dec. ⇒ ENVELOPE SHAPE down continue2
- CC1 Value 040-047 dec. ⇒ ENVELOPE SHAPE down up
- CC1 Value 048-055 dec. ⇒ ENVELOPE SHAPE up continue
- CC1 Value 056-063 dec. ⇒ ENVELOPE SHAPE up
- CC1 Value 064-127 dec. ⇒ ENVELOPE SHAPE up continue2
- See ENVELOPE SHAPE ⇒ 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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