# MIDIBox AY 3 8912 - ENVELOPE FEATURES

### MIDIBox AY 3 8912 - ENVELOPE USER MENU

| | |
|---|---|
| ENV. PPERIOD | 0 to 255 |
| ENV. P.FINE | 0 to 255 |
| ENV.SHAPE | 0 to 15 |
| ENV.TOGGLE | A B C |

:::

### ENVELOPE ON/OFF TONE A, B and C:

- PRESS **F5** TO VIEW ENVELOPE USER MENU OPTIONS
- Menu item: ENV.TOGGLE: [A, B, C]
- Toggle the ENVELOPE MODE for TONE A, B or C via Key A, B or C
- There will be **ENV.ON** @ Tone A or B or C on the **User Volume Control Menu** instead of the **volume value** if the **ENVELOPE MODE** is activated.
- For Envelope Midi Controller see ⇒ midibox_ay_3_8912_cc_list

:::

::

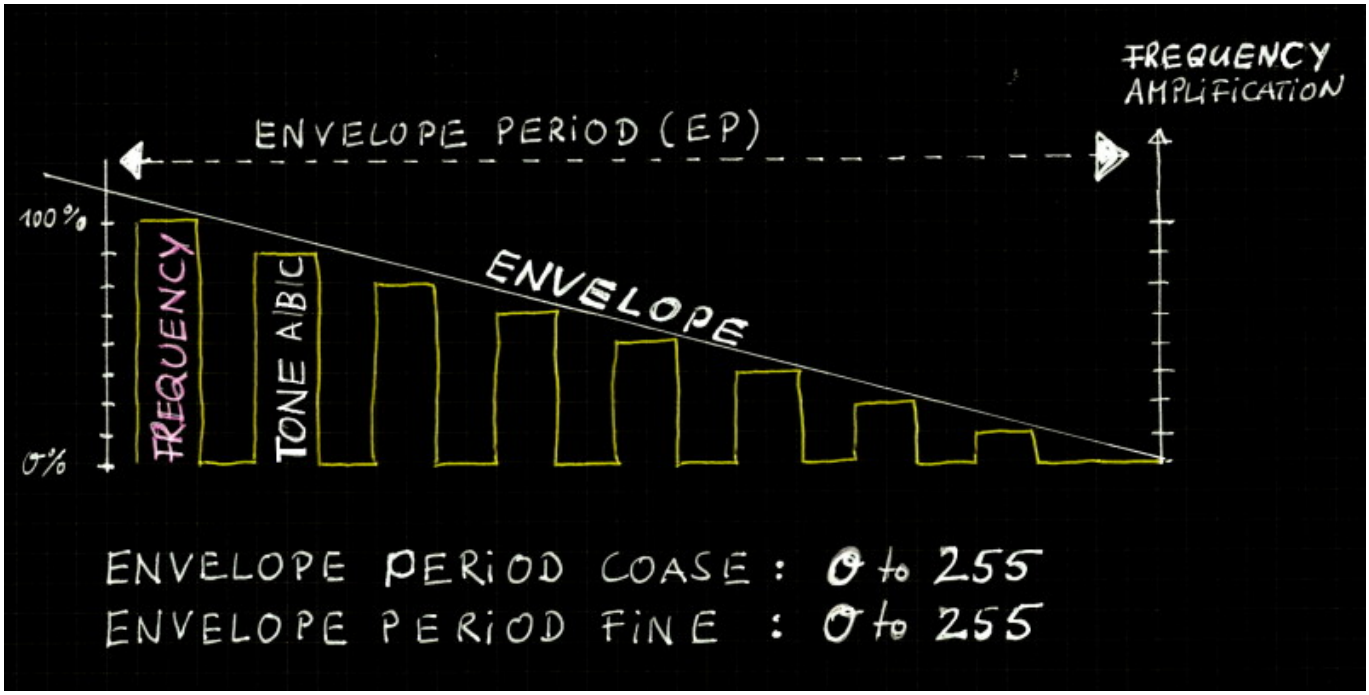
:

### ENVELOPE PERIOD CONTROL:

The AY 3 8912 Chip provide a 16bit Envelope period Control Register.

- Menu item: ENV P. COASE: [0 to 255] (bit 8-15)
- Menu item: ENV P. FINE : [0 to 255] (bit 0-7 )

Press [+] or [-] for increase or decrease the **ENV**elope **P**eriod Value




:::

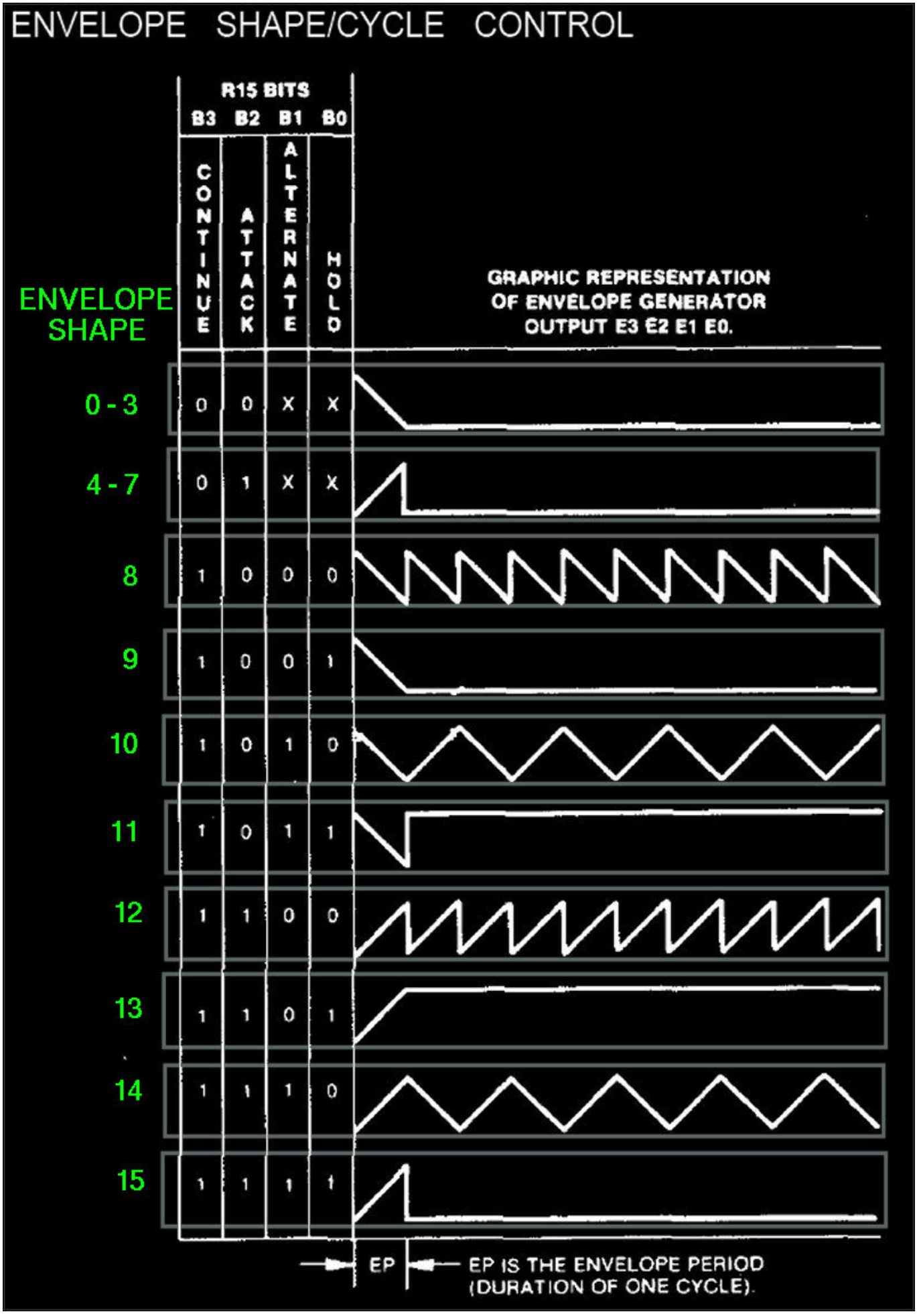
::

:

**ENVELOPE SHAPE CONTROL:**

- Menu item: ENV.SHAPE: [0 to 15]

Press [+] or [-]


ENVELOPE SHAPE/CYCLE CONTROL
R15 BITS
B3 B2 B1 B0
CONTINUE
ATTACK
ALTERNATE
HOLD
ENVELOPE SHAPE
GRAPHIC REPRESENTATION OF ENVELOPE GENERATOR OUTPUT E3 E2 E1 E0.
0 - 3 0 0 X X
4 - 7 0 1 X X
8 1 0 0 0
9 1 0 0 1
10 1 0 1 0
11 1 0 1 1
12 1 1 0 0
13 1 1 0 1
14 1 1 1 0
15 1 1 1 1
EP
EP IS THE ENVELOPE PERIOD (DURATION OF ONE CYCLE).

LCD VIEW: SHAPE [ **C** ~~ontinue~~| **At** ~~tack~~ | **Al** ~~ternate~~| **H** ~~old~~] [0 to 15]

:::

::

:

[Date: 03.09.2008]

From:
https://wiki.midibox.org/ - **MIDIbox**

Permanent link:
**https://wiki.midibox.org/doku.php?id=midibox_ay_3_8912_envelope&rev=1245517485**

Last update: **2009/06/20 17:04**