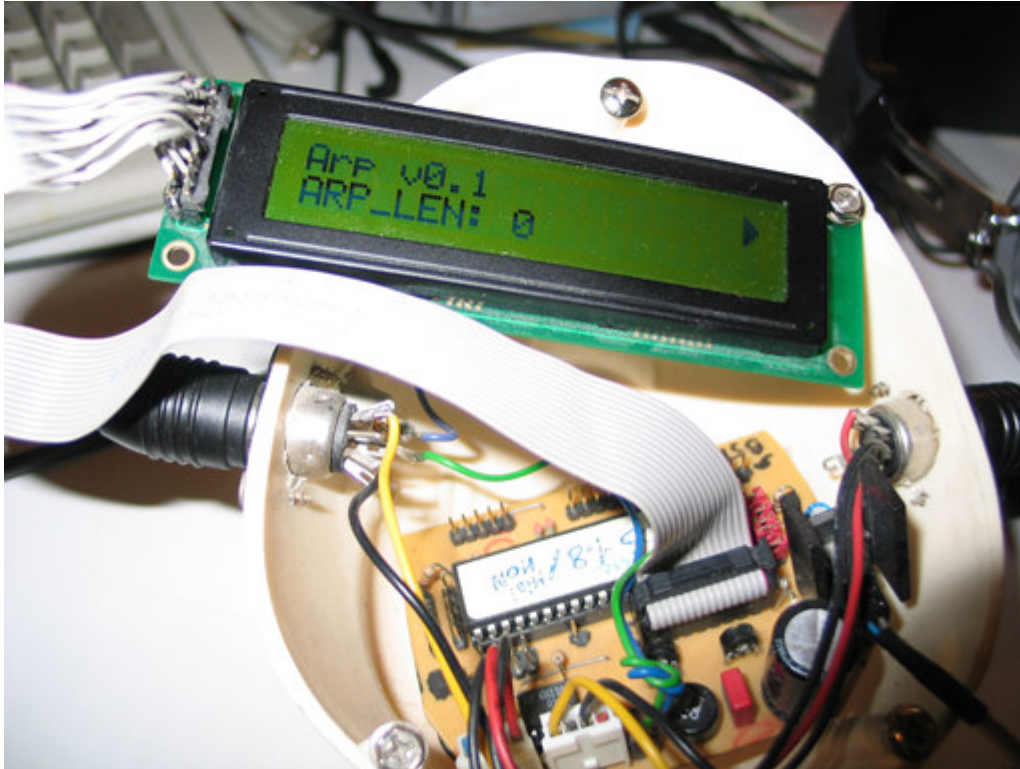


MIDIBox Arp

A standalone arpeggiator for MBHP.

<http://www.midibox.org/forum/index.php?topic=8993.msg63842#msg63842>



This first release is supposed to be a base for a future powerfull arpeggiator !! :)

The features

- it read incoming notes, (and forward the rest)
- Sort and hold notes in a 32byte buffer. (is it big enough ?)
- Then play buffered notes Ascendingly.
- The tempo is fixed, and the arpeggio speed is set to 3 tik (ppqn)

And now, let's discuss about some features and arp algorithm in the forum :)

<http://www.midibox.org/forum/index.php?topic=8993.msg63842#msg63842>

Todo

- Define how to set the Bpm (cc#)
- Define how to set the Arp speed (cc#)
- Read midi channel from incoming midi notes (yes it's fixed, i'm lazy, as you can see ;))
- Define note length
- Create some cool arp algorithms (plus defining method to select the algorithm)

- Octave range
- Latch (HOLD)
- Add velocity support
- ...

The Code

Source code (based on clockbox) : [arp_v0.1.zip](#)

The hardware

to keep it simple, the only hardware needed is a core module.

(please wait for more features then we'll add some pots and buttons ;))

Hehehe



doesn't it look cute ?

From:
<http://wiki.midibox.org/> - **MIDIbox**

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http://wiki.midibox.org/doku.php?id=midibox_arp

Last update: **2007/11/17 15:03**

