

Velocity converter

<http://www.midibox.org/forum/index.php?topic=8585.0;topicseen>

The converter is able to transform a velocity value of an incoming MIDI message into another value. In this way you are able to change the velocity curve for your MIDI keyboard.

There is a freeware software that allows you to change velocity curve : MIDI velocity curve changer (Trombettworks Software) <http://www.trombettworks.com/velocity.php>

A first MBHP version

This first version just forwards notes with an added "gain" (from 0 to 64).

The gain is set with a 10k pot on the AIN INPUT 0. *(don't forget to set unused analog inputs to ground)*

[velocity_converter_v0.1.zip](#)

A LCD screen is not needed, but allows to see the input/output velocity values.

The Version 0.2 :

There are 16 preset curves. Moving the pot from min-max selects the desired velocity curve.

Curves must be tuned to your needs. (No editor yet)

Curves are separated into distinct files for user comfort : curve1.c, curve2.c, ..., curve16.c

[velocity_converter_v0.2.zip](#)

also check : http://jambonbill.free.fr/Velocity_converter/ - bill

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