

# MIDIbox User Projects

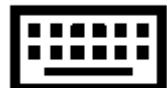
This space is for user projects and project documentations.

Projects don't have to be finished, works in progress should also be linked here!

For a complete overview of official projects see the MBHP [Projects](#) page!

<box 47% left blue|**Controllers**>

**Completed**



- [Protodeck](#) - Ableton Live Controller
- [Pedal Box / Board](#)- Expression Pedal Controller / Floorboard
- [Stukontrol](#)- MIDI Controller
- [Modulbox](#)- Modular Control Surface
  
- [Scratch controller](#)
- [Questionable](#)- DJ Controller
- [Selektor](#)- DJ Controller
- [TOS](#) - DJ Controller
- [YATK Forum Thread](#)
  
- [ACSensorizer](#) - Sensorizing controller
- [Arkade](#) Joysticks, Distance sensors, Ribbons Controller
- [MIDIboxKB](#)- C64 keyboard as input
- [VOIRINOV](#)- Akai MPD24-like MIDIbox
  
- [MIDIbox UC](#) - Universal Control: Extended SysEx Handler
- [MB-LRE8x2](#)- 16 Led rings encoders

*In Progress*

- [MB-Modulbox-NG](#) Eurorack Modular Control Surface
- [The Thing DJ-Mixer](#)
- [Fadercore](#) - Fadermodule for Audio DAW
  
- [MIDIboxFX](#) - midifying analog gear
- [Korg Wavedrum MIDIfication](#)
- [Velocity converter](#)

</box>

<box 47% right red|**Synthesizers**>

**Completed**



- [MB-6582](#)- MIDIbox SID Synthesizer V2 using 8xSID PCB and “step C” control surface PCB.

- **MB-TWINsid**- MIDIBox SID Synthesizer V2 using 2xSID PCB and dedicated control surface PCB .
- **SID R8TR**- 3U rackmount case SID
- **MIDIbox FM V2.1** - A complete multitimbral synth using two OPL3s and the STM32F4 core
- **OPL3 module, modified** - 5V option
- **MIDIbox VGM Player** - Plays VGM files on up to four Sega Genesises' sound chips (YM2612/YM3438, SN76489/SN76494/SN76496)
- **Apparat 20** - Seppoman's MBFM & vocoder phone
- **Antix MBFM** - A MBFM Build by Antix
- **MIDIbox SpeakJet** - SpeakJet speech synthesizer
- **MIDIbox SpeakJet K64 Modul** - C64 Keyboard Controller for SpeakJet
- **MIDIbox TIA** - Atari 2600 Synthesizer
- **MIDIbox AY (YM) V2** - AY-3-891x / YM2149 Synth
- **Coresound** - Pic based digital synthesizer

*In Progress*

- **MB-EuroSynth** - Eurorack FM/TIA/SID Synths
- **MB-EuRoland** - Eurorack Roland Analog Drums
- **MIDIbox Quad Genesis** - Up to four Sega Genesises' worth of sound chips, controlled by STM32F4 core. 4x YM2612 OPN2, 4x SN76489/94/96 PSG
- **MIDIbox SNES APU** - Super Nintendo APU synth
- **MIDIbox POKEY** - Atari Pokey synth
- **MIDIbox 3396** - CEM3396 based synth
- **MIDIbox SD Card Sample Player** - SD Card Polyphonic Sample Player

</box>

<box 47% left green|**Miscellaneous**>

**Completed**



- **MIDIbox Mixer** based on PGA chips
- **MIDIbox Matrix** - MIDI I/Os Matrix
- **MIDI Mapper** - MIDI Channel Mapper
- **MIDI Master Clock**
- **MB Clock** - How to handle a realtime clock (RTC) with I2C
- **SSM2044 VCF** - Low pass filter board

*In Progress*

- **MB Sync24** - Midi clock to Roland sync24 converter
- **MB Visual Metronome** - Midi Metronome
- **MidiboxDMX** - DMX light control with Midibox
- **MBlight Mind-Machine** - an audio/visual brain stimulator

- [MB-Euroscope](#) - Eurorack 6ins+2sync Dual TFT Scope
- [MIDIbox Audio Matrix](#) - digitally controlled analogue audio/CV patch router
- [MIDIbox Live](#) - Complete and automatic integration of MIDIbox and Ableton Live using LiveAPI.
- [SSM2164 VCA](#) - Quad channel VCA board
- [EASY CV](#) - EuroRack-sized - 8x LFO+ENV-combi with 8AOUTChannels for VCA-VCF based Setups

&lt;/box&gt;

<box 47% right orange|**Sequencers**>**Completed**

- [BLM16x16+X](#) Matrix Controller
- [TPD](#) - Track Position Display
- [BLM 16x4](#) - Button LED Matrix
- [MIDIbox Arp](#) - A MBHP Arpeggiator
- [DSEQ32](#) - 32 step drumseq
- [Chaos Matrix](#) Oberheim Matrix 1000 Programmer

*In Progress*

- [Triggermatrix](#) - 16track Trigger-Sequencer & Trigger-router - a liveact based center of a midisetup
- [AlternativeSequencer](#) - Alternative ideas for sequencers
- [MB808](#) - 808 Clone Sequencer

&lt;/box&gt;

From:

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

Permanent link:

[http://wiki.midibox.org/doku.php?id=user\\_projects&rev=1471831765](http://wiki.midibox.org/doku.php?id=user_projects&rev=1471831765)Last update: **2016/08/22 02:09**