

# MIDIbox Projects

The following devices are built with **MBHP** modules, running a special **MIOS**-application.

Every device needs at least one **Core Module** (that module with the microcontroller).

<box 47% left bluedark|Controllers> *Official Projects*



- [MIDIbox\\_64](#) - Midicontroller with potentiometers and buttons.
- [MIDIbox\\_64E](#) - Midicontroller with encoders, pots, buttons.
- [MIDIIO\\_128](#) - Up to 128 digital inputs (switches) and/or digital outputs (LEDs, solenoids, etc.) - useful for midifying (musical) keyboards.
- [MIDIbox\\_CV](#) - Midi to CV
- [MIDIbox\\_LC](#) - Logic / Mackie Control Emulator
- [MIDIbox\\_MM](#) - CM Labs MotorMix Emulator
- [Stribe](#)

*User Projects (completed)*

- [AC\\_Sensorizer](#) - Controller box for up to 8 (different) sensors
- [MIDIbox\\_KB](#) - using a C64 Keyboard as input
- [MIDIbox\\_Mixer](#) - analog audio mixer
- [MIDIbox\\_UC](#) - Universal Control: Sysex Hardware Controller to handle MIDI-Synths
- [Pedal Box / Pedal Board](#) - Expression Pedal Controller / Floorboard
- [Traktorizer](#) - Controller for Traktor-DJ-Studio & other DJ-Software

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<box 47% right blue|Synthesizers> *Official Projects*



- [MIDIbox FM](#) - FM synthesizer project
- [MIDIbox SID v1](#) - SID chip synthesizer project
- [MIDIbox SID v2](#)
- [MIDIbox 808](#)

*User Projects (completed)*

- [MB-6582](#) - MIDIbox SID Synthesizer V2 using 8xSID PCB and "step C" control surface PCB.
- [MIDIbox Speakjet](#) - SpeakJet speech synthesizer project

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<box 47% right bluelight|Sequencers> *Official Projects*



- [MIDIbox SEQ v2](#) - Step sequencer project
- [MIDIbox SEQ v3](#)

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<box 47% right grey|Miscellaneous> *Official Projects*



- [MIDIbox ClockBox](#) - MIDI clock sender (24ppqn signal)
- [MIDI Filter](#)
- [MIDI Monitor](#) (MIDImon)
- [midi\\_router](#)
- [Analog Toolbox](#)
- [Magic Midi Delay](#)
- [Clockbox](#)
- [Discontinued](#) old projects (pre-MIOS, PIC16F)

*User Projects (completed)*

- [MIDI Mapper](#) - MIDI Channel Mapper

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More and in-progress-projects can be found on the [User Projects](#) page.

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