

MBHP: The MIDIbox Hardware Platform

The hardware of all MIDIbox [projects](#) can be assembled in a modular way. Some projects have special designed modules, others only require a [Core Module](#). Every project needs at least one Core.

Modules Overview

Core MicroController Modules


- [Core32 Module](#)



Outdated

- [Core8 Module](#)
- [PIC Programmer Modules](#)


Analog Inputs / Outputs

- [AINSER8 Module](#) Multi Analog Input 
- [AINSER64 Module](#) Multi Analog Input++
- [AOUT Module](#) Analog Output Voltages
- [AOUT LC Module](#) Low-Cost AOUT
- [AOUT NG Module](#) Analog Output Voltages - Newest Version
- [MF_NG](#) MotorFader Control

Outdated


- [AIN Module](#) Analog Input (0-5V)

Digital Inputs / Outputs

- [DIN Module](#) Digital Input 
- [DOUT Module](#) Digital Output

- **MIDI I/O** 2xMIDI I/O
 - **Quad MIDI IIC** 4xMIDI Out
 - **Line Driver** Line Driver
 - **Ethernet** Ethernet Module
 - **LCD Module** Liquid Crystal Display

 - **IIC Modules** Communication to third-part devices via I2C
 - **SD Card Module**
 - **USB Modules** PC/USB Interface
- Outdated**
- **BankStick** Memory module to store settings

- Sound Synthesis Modules**
- **SID Module** for the famous C64 sound chip
 - **OPL3 Module** for the FM-Chips YMF262 and YAC512
 - **IIC SpeakJet Module** for the SpeakJet sound chip
- 

For Developers

If you have somehow improved a PCB layout, please submit your changes here:

- **PCB Layout Improvements** for MBHP Modules

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

Permanent link:
<http://www.midibox.org/dokuwiki/doku.php?id=mbhp>

Last update: **2018/10/26 16:46**

