

Welcome to the MIDIBox Knowledge Base

What is MIDIBox?

MIDIBox is a [do it yourself](#) custom midi controller solution. You can use the resources on these pages to build your own custom MIDIBox based midi controller. A more thorough introduction can be found [here](#).

This knowledge base is a wiki

The MIDIBox community works hard to maintain and improve this knowledge base. You can help! Feel free to [add or correct things](#). You need a MIDIBox forum account to edit these wiki pages. If you want to discuss documentation or wiki issues, please post in the [forum](#). If you're posting a question in the forum, be sure you look for the answer first by searching this wiki, [uCApps.de](#), and the forum itself.

About

- **What is a MIDIbox**



- **Introduction to uCApps.de** - *recommended reading!* 98% of all newbie-questions in the forum are answered in here
- **MBHP Acronyms** - Acronyms and abbreviations often used here. If you don't know what **AIN** or **BS** means... just look it up before you continue!
- **References** - Links, Book Reviews and Specification References: Look it up!
- **FAQ - Questions and Answers** - Find the Answers to the most frequent questions here!
- **uCApps.de** uCApps.de The homepage of Thorsten Klose, the creator of MBHP & MIOS with loads of documentation

MIDIbox Devices

- **MIDIbox Projects** -

MIDIbox devices like Controllers, Synthesizers, Sequencers and all sorts of different DIY-projects.

You will find tutorials, manuals, descriptions and links for over 20 both official as well as unofficial user projects -



for example the famous [MIDIbox SID Synthie](#) or the [MIDIbox Sequencer](#).

MIDIbox Hardware Platform (MBHP)

- **MBHP** - the MIDIbox Hardware Platform with detailed informations about available modules (eg. the [Core Module](#))
- **Parts** - Where to order, part references (eg. how to connect an Encoder)
- **Basics** - How to get started, things you'll need, Soldering, Tips & Tricks
- **Troubleshooting** - If you're stuck



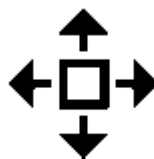
MIDIbox Community

- **Users** - Create your own page and show what you're doing with your midibox!
- **User Projects** - Add your projects, codes, pictures here! You can find a lot of cool customized boxes!
- **MIDIbox Forum** - Get involved!



MIDIbox Operating System (MIOS)

- **MIOS** - The MIDIbox Operating System
- **Tools** - Available software and special helpers required to communicate with your Box, eg. [MIOSStudio](#)
- **Application Development** - Informations for developers: Tutorials, IDE config and debug tips (C and ASM)



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