

# Welcome to the MIDIbox Knowledge Base

**If you ever wanted to build the midi controller or sequencer of your dreams, or if you want to develop your own, custom MIDIbox - you came to the right spot :)**

*We are working hard to improve the vast amount of information around. If you can help us, please feel free to [add or correct things](#). If you want to discuss documentation or wiki issues, please post to the [forum](#).*

You need a MIDIbox-forum account to edit pages.

## 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 inofficial user projects - for example the famous [MIDIbox SID](#) Synthie, the [MIDIbox Sequencer](#) or the latest Traktor Controller...

## MIDIbox Hardware Platform (MBHP)

- **MBHP** - the MIDIbox Hardware Platform with detailed information about available modules
- **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 with your modules, check on this page

#### MIDIBOX Operating System (MIOS)

- **MIOS** - The MIDIBOX Operating System
- **Tools** - Available software and special helpers required to communicate with your Box, eg. [MIOS Studio](#)
- **Application Development** - Informations for developers: Tutorials, IDE config and debug tips (C and ASM)
- **Application Development 32bit** - Information for developers using 32bit Core modules

#### 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!

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