# 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.

<box 46% left orange|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

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<box 46% left blue|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 or the MIDIbox Sequencer.

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<box 46% left blue|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

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<box 46% left red|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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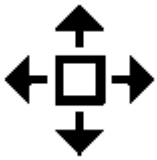
<box 46% left green|MIDIbox Operating System (MIOS)>



- **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)

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