

Basics

Some basic knowledge of MIDI and DIY electronics will help you in building a MIDIBox. This page will help cover the basics.



Getting started

- [Getting Started FAQ](#)
- **[Electronics Basics](#)**
- [Digital Electronics](#)
- [Introduction to MIDI](#)
- [Electronics DIY Common Tools](#)
- [Case and Frontpanels DIY Common Tools](#)
- **[MIDIbox Internal Components](#)**
- **[Ordering Parts](#)**
- **[Troubleshooting](#)**

Soldering



Video

- [Soldering](#)

Prototyping

- **[Etching PCB DIY](#)**



Video



Video

Midiboxing Softwares



PCB

- [KiCAD Open Source PCB Design](#) - PCB Design Open-source
- [Eagle PCB](#) - PCB Design FreeWare + Commercial

FrontPanel / Case

- [FreeCad Open Source Technical Drawing](#) - Solidworks like CAD
- [FrontPanel Designer](#) - Frontpanels making for Schaeffer

Concept Drawing / documenting

- [Inkscape Open Source Vector Graphics](#) - Vector Drawing
- [Blender Open Source 3D](#) - Artistic 3D
- [LibreOffice](#) - Excel-word like

Programming

- [MIDIbox Programming Tools](#)

Practical Tips

- [Tips & Tricks Forum Section](#)
- [Forum Highlights](#)

Codes & Values

- [Calculator.org](#) - Multi-purposes Units Converter
- [Resistor color decoder](#) - Resistor color code Calculator SmashTV's MIDIbox Site
- [CSGnetwork](#) - Capacitor Color Code Calculator

Learning & Looking up



- [MIDI Specification and MIDI Protocol](#)

 *the following sections are quite outdated*

- [Encyclopedia of electronic terms](#)
- [References](#)
- [Book Reviews](#)

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

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