

Basics

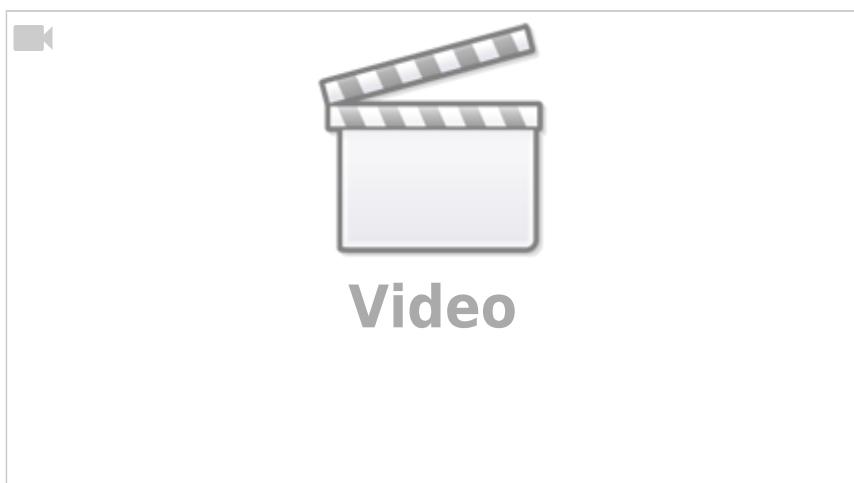
Some basic knowledge of MIDI and DIY electronics will help you in building a MIDIBox. This page will help cover the basics.

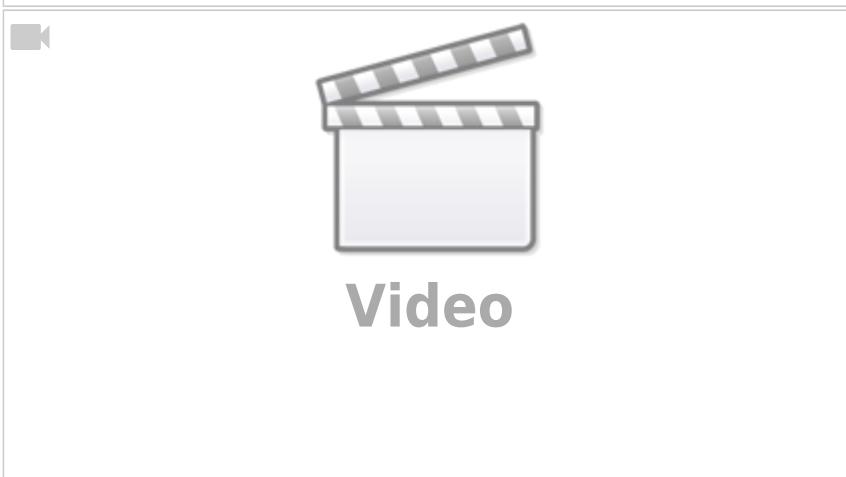


Getting started

- [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

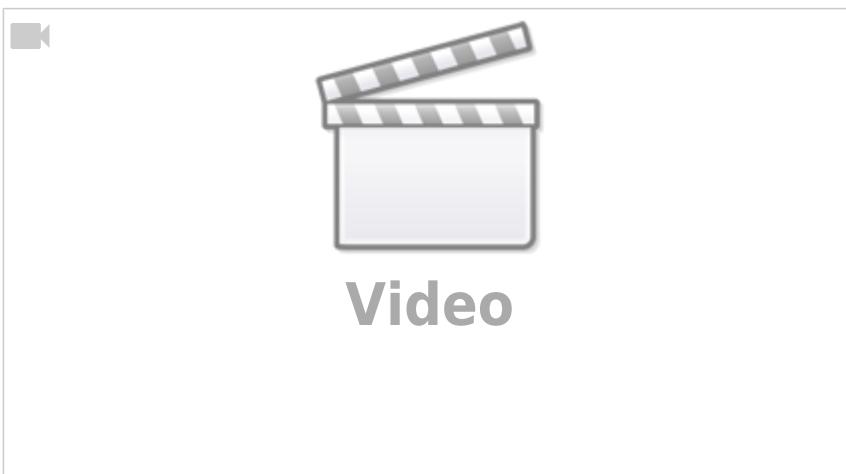




- [Soldering Tips](#)

Prototyping

- [Etching PCB DIY](#)





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](#)

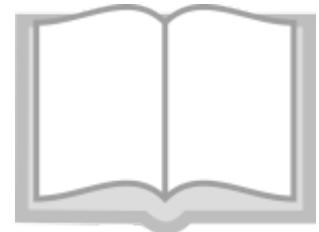
Practical Tips

- [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the following sections are quite outdated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](#)

From:
<http://wiki.midibox.org/> - **MIDIBox**

Permanent link:
<http://wiki.midibox.org/doku.php?id=basics&rev=1468801550>

Last update: **2016/07/18 00:25**

