THIS PAGE IS UNDER CONSTRUCTION !

Intro

This page will introduce the MIDI-Channel-Mapper device, which can route input channels from a single hardware input to output channels of a single hardware output in any way you want. Besides that, the device is designed to switch between channels of a selected bus (see doc) while performing, leaving the other buses untouched.



Features

```
List 'em
```

Skills / Equipment Required

- Preparation
- Soldering] =====Harware===== ====What modules do I need?==== * [[:home:mbhp:module:core | Core Module
- Bankstick Module
- DIN Module
- DOUT Module

List of parts

- MBHP modules, ribbon connector cable & plugs
- Lochplatine for buttons board & bankstick
- Power input Buchse for Netzgerät
- 2 MIDI-Buchsen for MIDI-in and MIDI-out
- Quite a lot of Litzenkabel
- Power-switch with backlight (optional)
- 20 buttons with built-in LED's
- Housing
- 7-10V Netzgerät, > 700mA

Where to buy Parts

Connections

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Connection diagrams - links if needed (create in you projects namespace
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Enclosure / Case

Enclosure ideas - link to case construction tips? / provide space to encourage other users to wikify their case designs

Enclosure References

contructing_enclosures

Software

Setting Up

PIC's must be setup with MIOS bootstrap Loader and MIOS before an application can be uploaded. If you purchased you PIC from SmashTV or Mike's PCB Shop these will already installed.

We recommend you read the following before you continue:

- Setting up PIC's and your PC
  - Burning Bootloader
  - Core Tools
  - Additional tools

Download

```
links
```

Setup Instructions

```
up to you
```

Extra

usage manual

```
+ anything else
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