MIDIbox FM

Intro

MIDIBox FM Synthesiser is a project that uses OPL3 FM soundchips (found from many old soundcards) controlled by MIDIBox as a standalone synthesizer.

Features

List 'em

Skills / Equipment Required

Tools

Soldering

Hardware

What modules do I need?

Adjust List as required:

Core Module

LCD Module

Bankstick Module

DIN Module

DOUT Module

AOUT_LC Module

OPL3 Module

Parts List

List of pots, buttons, faders and blah - suggestions on good parts and where to buy them + how to hook them up - links

Where to buy Parts

Connections

Connection diagrams

Enclosure / Case

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

Enclosure References

Constructing Enclosures

Software

Setting Up

We recommend you read software before you continue.

Download

Links

Setup Instructions

Up to you

Extra

Usage Manual

Yamaha's Definition of FM Synthesis and How it Works

Overview uCApps

User Manual uCApps

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