

Welcome to my User Page

I searched long for a system I can build upon my musical and artistic artwork - and I am thankful that Thorsten opened this wonderful project and community to us ;)

My real name is Michael Markert and I live in Nuremberg, Germany. I studied Communications-Design focused on Multimedia and am currently doing a postgraduated diploma at the College of Fine Arts in Nuremberg (Public Arts, Intermedia). The focus of my work and research is the development of intuitive interactive interfaces for harmonized sensoric music.

Visit my Blog audiocommander.de and my Band zeichensprecher.de.

I will use this page to document what I've done with MIOS and MBHP so far:

Projects

Complete Projects

Complete projects, with Hardware Interfaces, custom developed applications and full documentation:

Project	Description
ACSensorizer Stage	ACSensorizer sensorizes 4 sensors and interpolates its AIN-readings. The main target of this application are sensoric devices delivering not exactly 0 - 5 V, like pressure-, distance-, resistor-based sensors or softPots. Uses 8 Encoders, 4 Buttons, 1 Switch, 40×2 LCD
ACSensorizer Basic	ACSensorizer rewritten for up to 8 sensors. Improved HUI, uses only 4 Encoders and 4 Buttons and one 20×2 LCD
ACSynchronizer	In development. See Quantize Box for further ongoing informations
ACHarmonizer	To be announced...
SpeakJet Application Interface	In development. I'm writing an application interface that can receive MIDI-signals to fully controll the SpeakJet. I also documented some other stuff: Breadboard Construction Tutorial , SpeakJet Control Overview , SpeakJet Definition List

Dev Tools

[ACSim](#)

Simulator and Debugger for [Developing C Apps](#)

Misc Projects

..by using the above described MIOS-based Boxes or slightly altered versions:

Kontaktstation 2.0

Body-Contact-Music: You need to use the arm-wrists or touch a terminal with your hand. Two persons are needed minimum. If these persons touch each other, their skin-contact will be translated to music.

[Image-Gallery](#)

Wiki-Sources

I've done some documentation stuff, here are the sources, if they ever need to be edited:



http://www.audiocommander.de/downloads/midibox/MIOS_Overview.ai.tgz

From:

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

Permanent link:

<http://www.midibox.org/dokuwiki/doku.php?id=audiocommander&rev=1162813847>



Last update: **2006/11/06 11:53**