



Accessibility In Radio Production



Project „Radiabled“



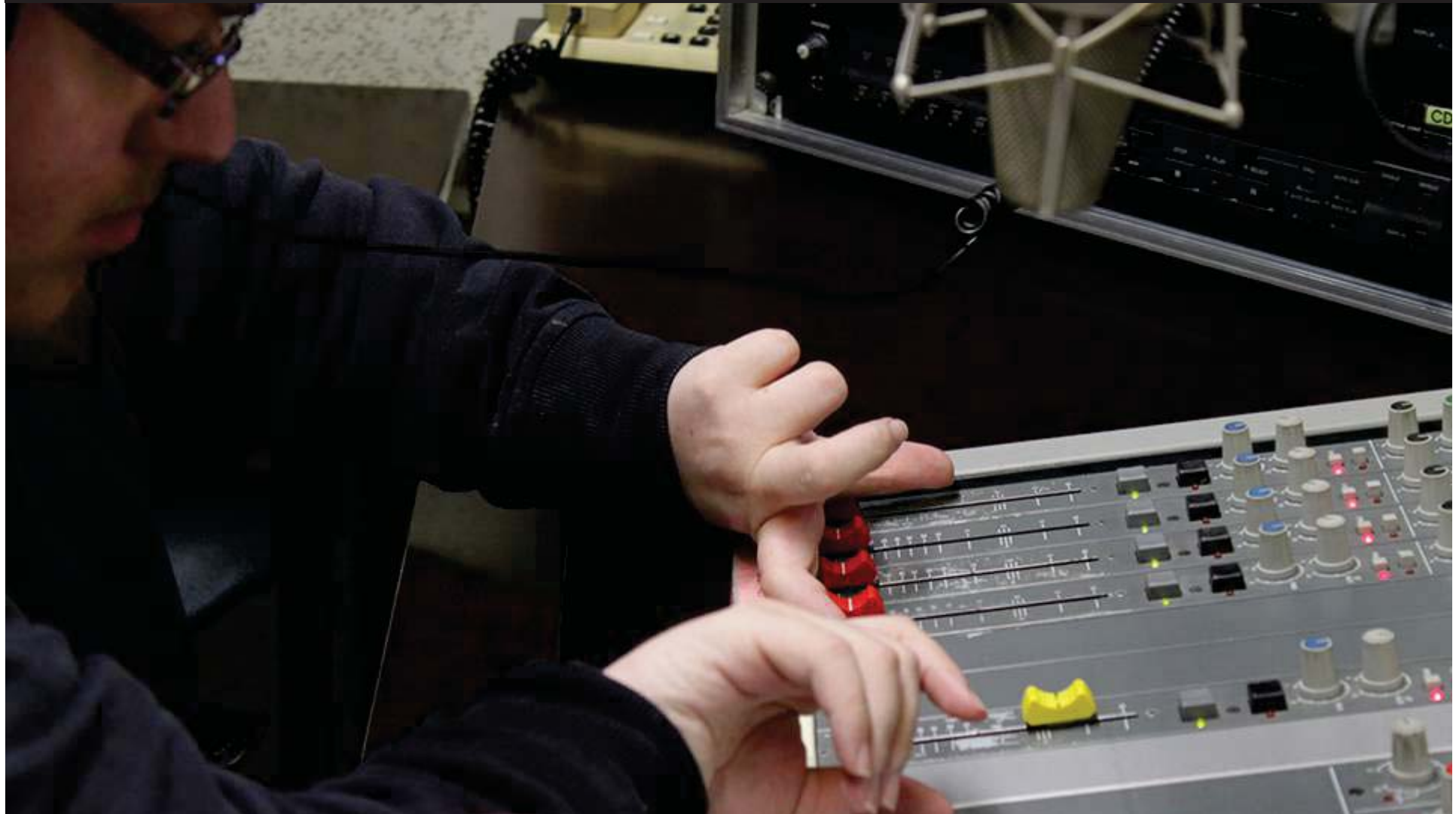
Radiabled
<http://www.fro.at/radiabled>

Project „Radiabled“



Radiabled
<http://www.fro.at/radiabled>

Problem: Mixer



Problem: PC-Software



WINAMP

Whippin' Intro (0:05) 1. DJ I

kbps kHz mono stereo

EQ PL

SHUFFLE

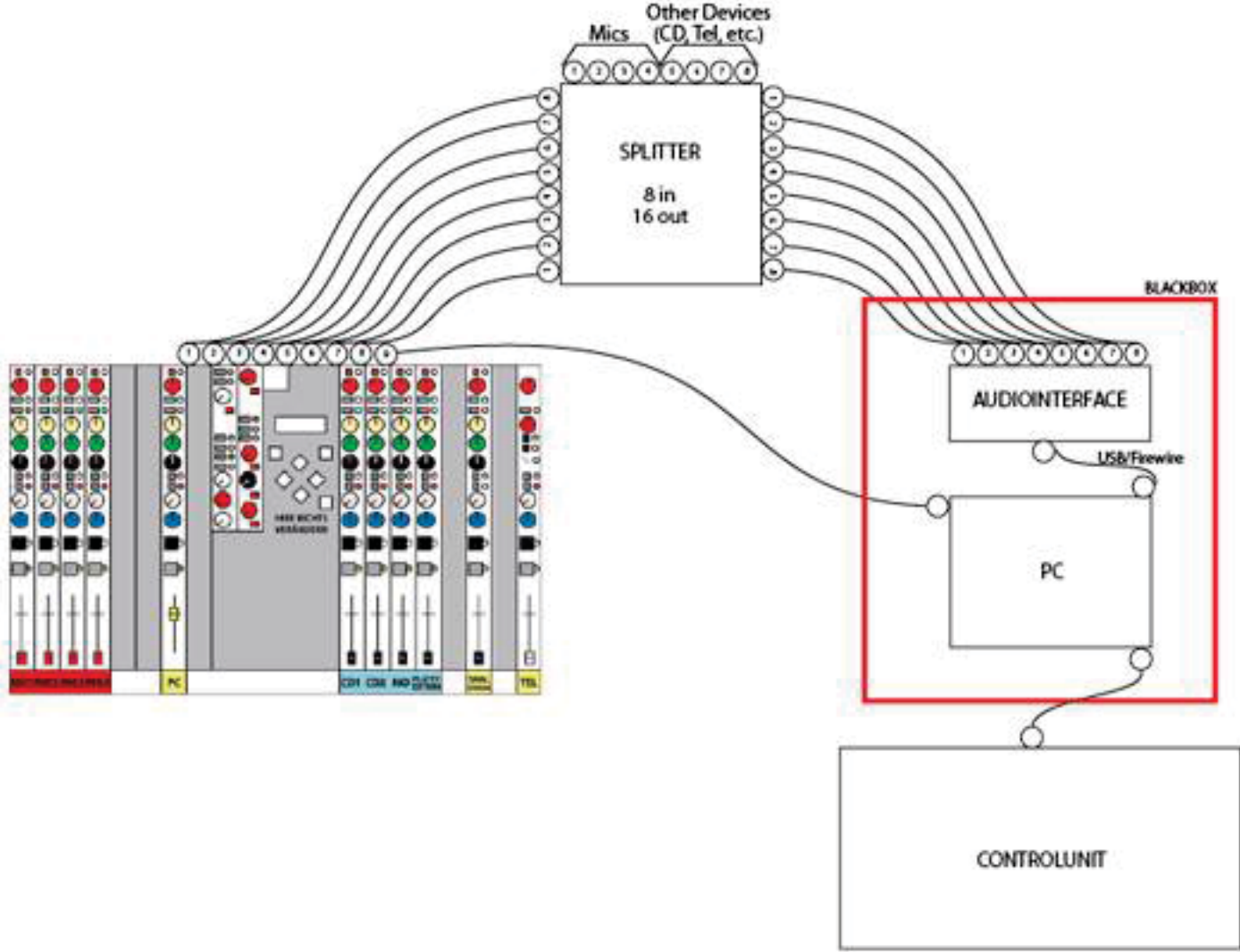
WINAMP PLAYLIST

1. DJ Mike Llama - Llama Whippin' Intro 0:05

ADD REM SEL MISC

0:05/0:05

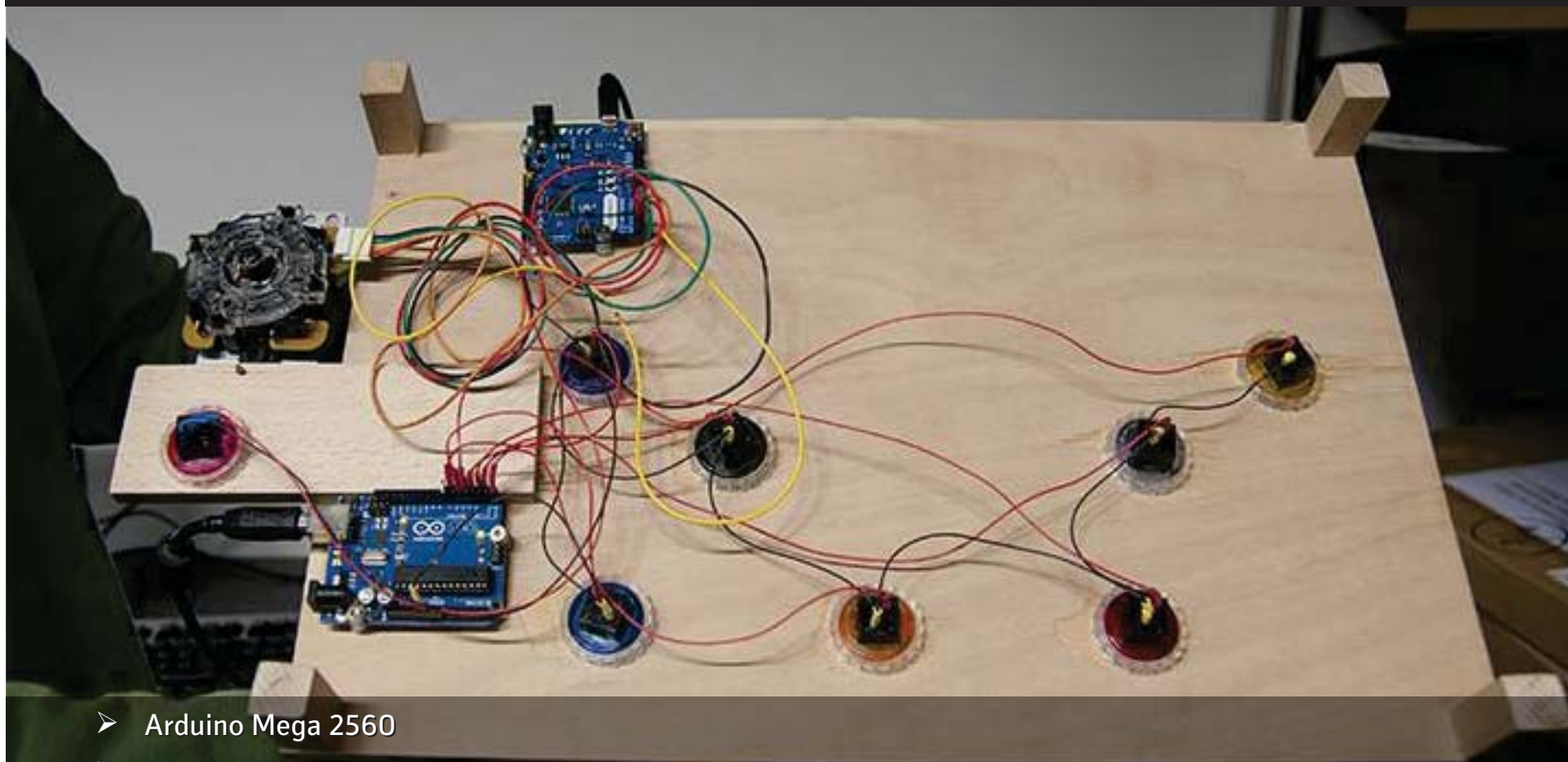
Concept



1st Prototype



1st Prototype



- Arduino Mega 2560
- Seimitsu Arcade Buttons
- LED Light-Strips

open AIR



▶ START



LOKAL

USB



	Artist	Titel

Artist	Titel	Dauer



LIVE →

EXT →

CD →

Playlistdauer: 00:00:00

Sendezeit: 00:59:50

open AIR

Accessibility In Radio Production



Black Sun Empire - Arrakis

AKTUELL

- 10:42



LIVE

NEXT

+ 10:00



LOKAL

USB

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- Black Sun Empire
 - [2004] - Driving Insane
 - Lights & Wires
- Korn
 - Nine Inch Nails - 2007 - Yea...

	Artist	Titel
1	Black Sun Empire	Arrakis
2	Black Sun Empire	Don't You
3	Black Sun Empire	Breach
4	skc + chris.su remix	B'Negative (SKC & Chris....
5	Black Sun Empire	Driving Insane
6	kemal remix	The Rat (Kemal Remix)



	Artist	Titel	Dauer
1	Black Sun Empire	Arrakis	11:58
2	LIVE	LIVE	10:00
3	Black Sun Empire	Don't You	12:20
4	CD	CD	6:00
5	LIVE	LIVE	9:00
6	Black Sun Empire	Driving Insane	10:30



Playlistdauer: 00:59:48

Sendezeit: 00:59:50



User-Tests @ Futurelab



User-Tests @ Futurelab



openAIR Overview

- Dell Optiplex 7010 SFF, i3, 3,3 GHz, 4GB RAM
- Violet Audio DX16T Audio Signal Splitter
- TC Electronic Studio Konnekt 48 Firewire Audio-Interface
- Custom made OpenAIR Midi-Controller
- Custom made OpenAIR Joystick
- Behringer BCF 2000 Midi-Controller



openAIR Joystick



- Arduino Leonardo
- Seimitsu Arcade Button
- Sanwa Arcade Joystick
- Additional Button to switch direction

openAIR Midi-Controller



- Arduino Mega 2560
- Seimitsu Arcade Buttons
- LED Light-Strips

Setup @ Radio FRO



openAIR in Operation



openAIR in Operation



CONTACT



Radio FRO

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