

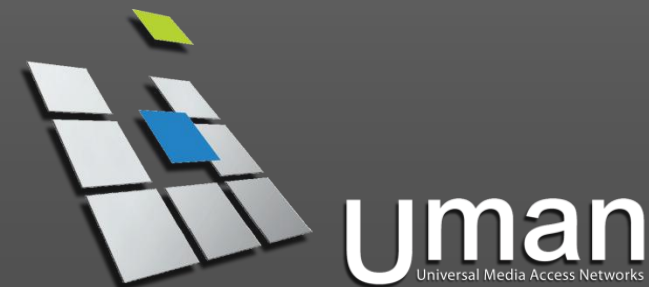
# Adapting and Simplifying UCMAN for the iPhone

Investigator: Sascha Zeisberger  
Supervisor: Prof. Richard Foss



# Background

- What is UCMAN?
  - Audio Networking Application Suite
  - Connect, Control and Monitor Audio Devices
  - XFN Protocol
  - GUI Centric
  
- Why use the iPhone as a platform?



# Scenario

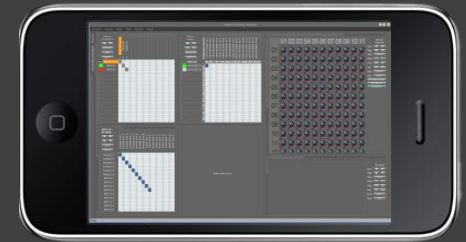
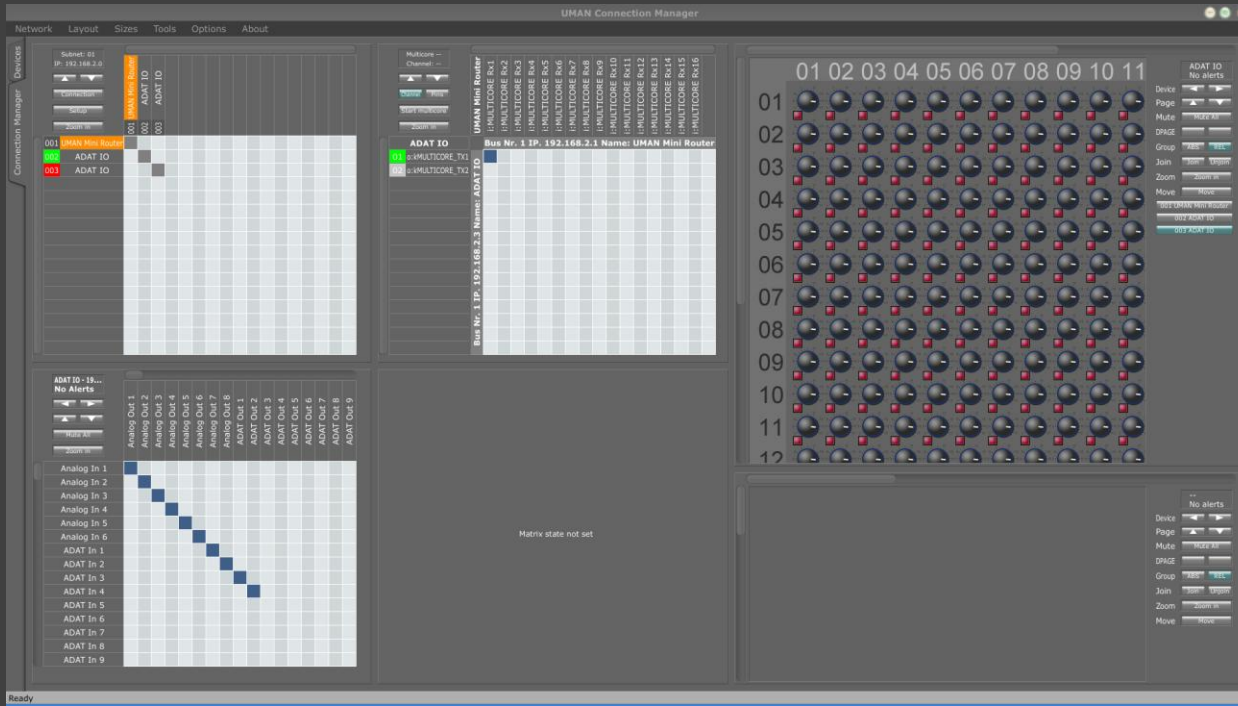
- Audio Device
- UCMAN Station



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# Why is a straight port not an option?



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# Objectives

- Port UCMAN to the iPhone
  - *Achieve Fluid Performance*
  - *Measure Touch Accuracy and Modify Controls Accordingly*
  - *Accessibility and Legibility*
- Simplify GUI and Application Logic
  - *Automated Patch-bay System?*

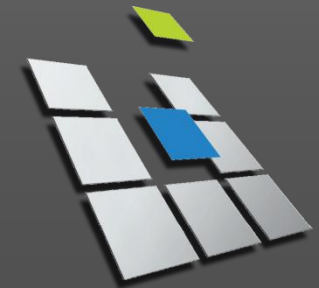


# Extensions

- Single-touch to multi-touch
  - *Modify the interface to accept multi-touch commands*
  - *Possibly extend Juce Framework?*
- Wireless device tracking
  - *Track position of iPhone relative to devices*
  - *Display options for closest device*
  - *Accelerometer?*



# iQuestions?



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