More Cowbell

Your iOS Device as the Main Controller of Your Recording & Production Studio

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Info

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Goals

- Look at different scenarios and applications of remotely controlled DAWs

- Solutions for remote controlling your DAW of choice

- Different approaches: Proprietary versus open

- Setting & configuring your system

- Analysis of Pros & Cons of various configurations

- Q&A

Applications

- ✓ Project studio: control room remote

- ✓ Classic DAW Control Function
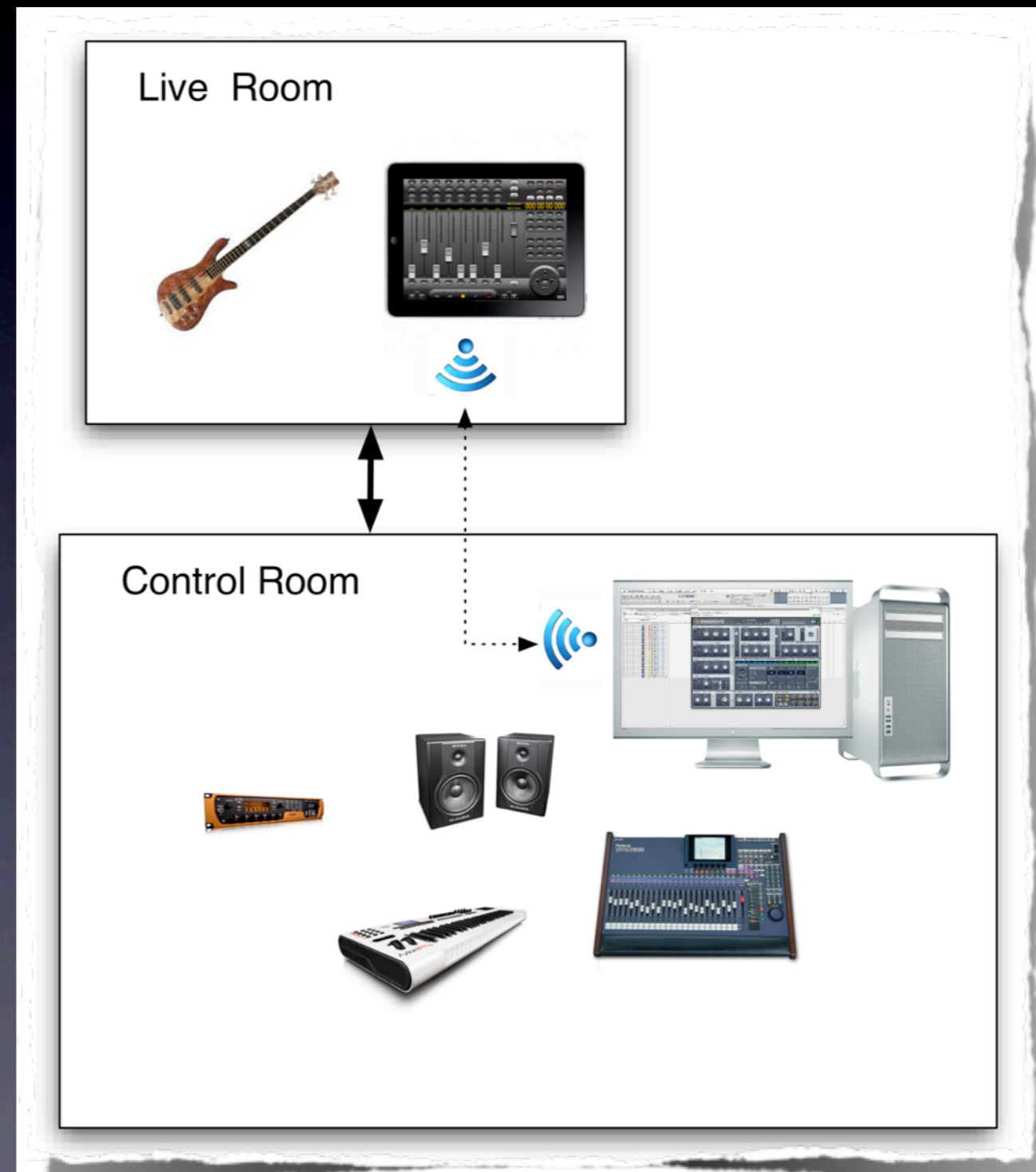
- ✓ Advanced Sequencing Controls
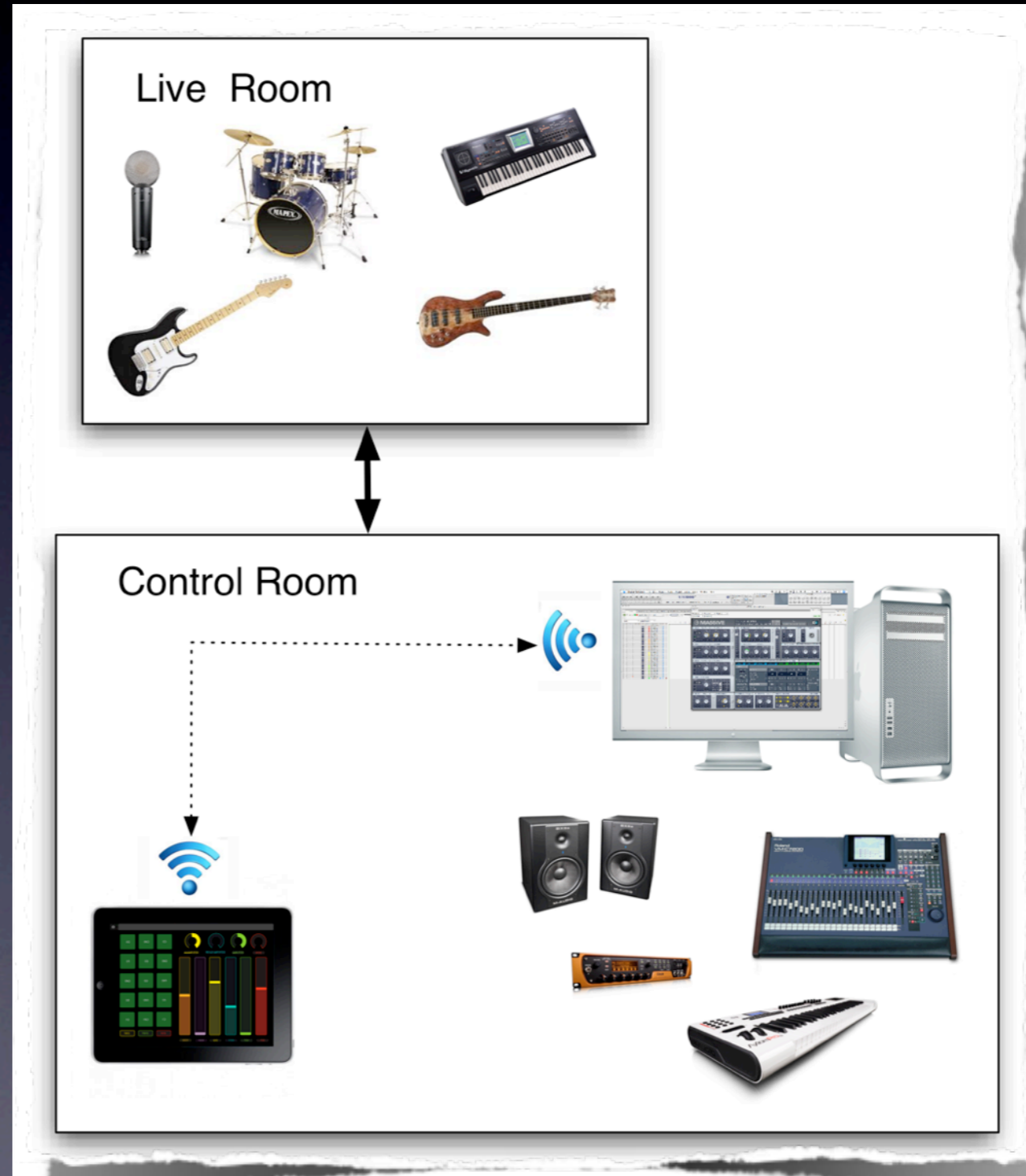
Applications
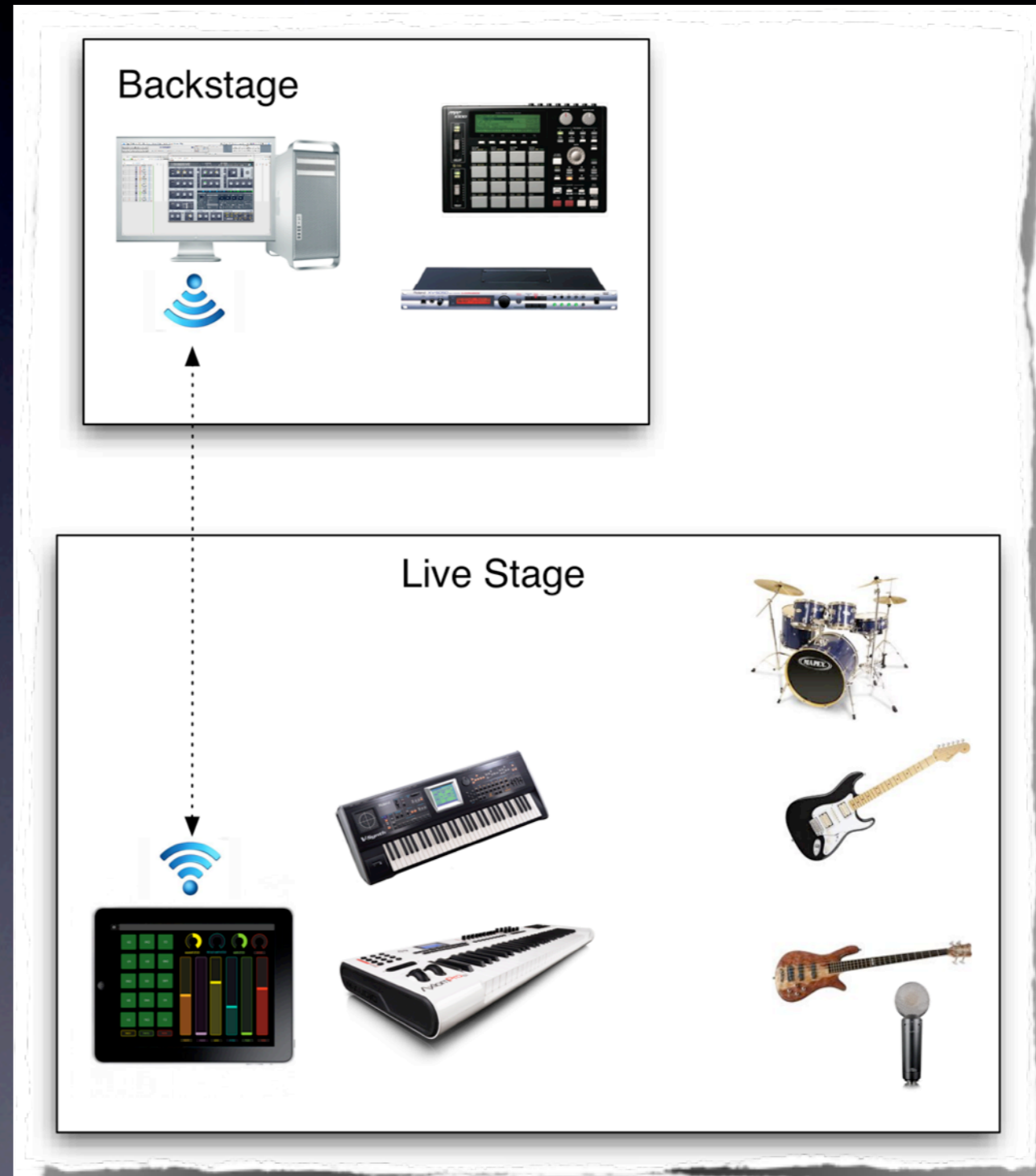
✓ Project studio: remote recording/live room space

✓ One-man solution

Applications

✓ Live performance on stage

✓ Remote Triggering Function

✓ Advanced Performance Control Function

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How to Connect

Types of connections:

✓WI-FI

‣ Ad-Hoc

‣ Router

✓Wired

‣ MIDI

How to Connect

Types of software controllers:

✓Proprietary Closed (<u>MOTU DP Control</u>)

✓3rd party Multi-platform (<u>AC-7 Core</u>)

✓Open Standard - Customizable (<u>Touch OSC, Lemur</u>)

How to Interface
The Apps

✓MOTU DP Control - Free

✓AC-7 Core - $7.99

✓Touch OSC - $4.99

✓Lemur - $49.99

How to Interface
The Hardware

✓ WI-FI Router

or

✓ MIDI Interface for iPad

- ‣ Dock (Alesis IO)

- ‣ 30 pin interface (Line 6 MIDI Mobilizer 2)

✓ Accessories

- ‣ iPad desktop stand or mic mount

How to Connect

Demo

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Digital Performer
MOTU DP Control

1. Join the same WI-FI network on <u>both</u> the iOS device and your computer

2. Launch DP

3. In DP go to: Setup/Control Surface Setup

4. Click the "+" sign to add a driver and select "Open Sound Control". Click OK

5. Launch DP Control on your iOS device and select "Settings"

6. Click on the "Change Connection" button and select the name of your computer running DP
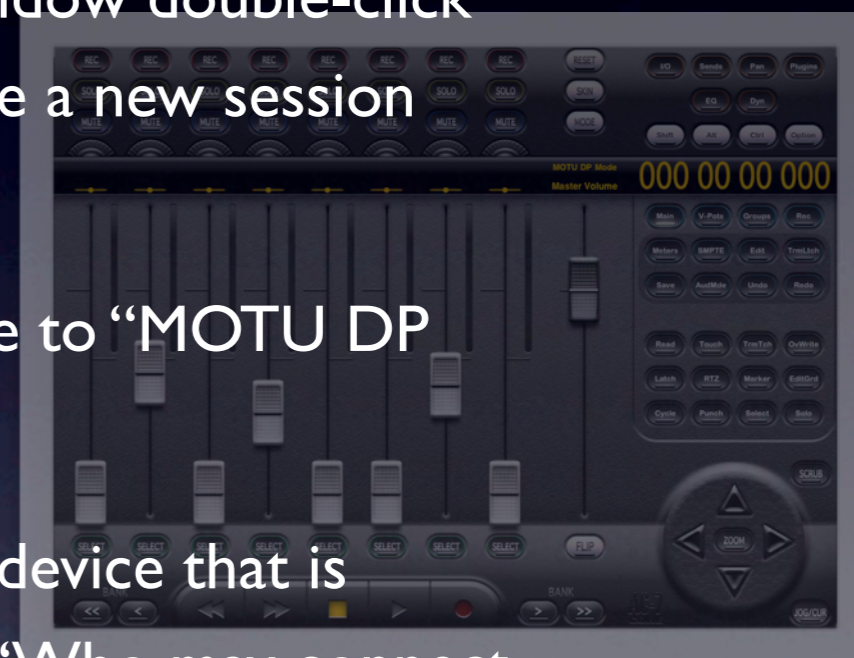
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Digital Performer
AC-7 Core

1. Join the same WI-FI network on <u>both</u> the iOS device and your computer

2. Launch AudioMIDI Setup on your Mac. In the MIDI window double-click on the "Network" Icon and under "My Sessions" create a new session using the "+" button

3. Launch AC-7Core on your iOS device and set its mode to "MOTU DP Mode"

4. In AudioMIDI Setup, under "Directory" select the iOS device that is running AC-7 and click on "Connect" <u>(make sure that "Who may connect to me" is set to "Anyone")</u>

5. Launch DP

6. In DP go to: Setup/Control Surface Setup

7. Click the "+" sign to add a driver and select "Mackie Control", set the Input and Output ports to "Network 1" and Click OK

Digital Performer
TouchOSC

1. Join the same WI-FI network on <u>both</u> the iOS device and your computer

2. Launch TouchOSC Bridge (http://hexler.net/software/touchosc)

3. Launch DP

4. Launch TouchOSC on your iOS device. Under "Connections" select MIDIBridge and select "Enable" and select the host (your computer).

5. In TouchOSC select your Layout that you have previously created in TouchOSC Editor

6. If you need, in DP go to Setup/Commands to configure your shortcuts

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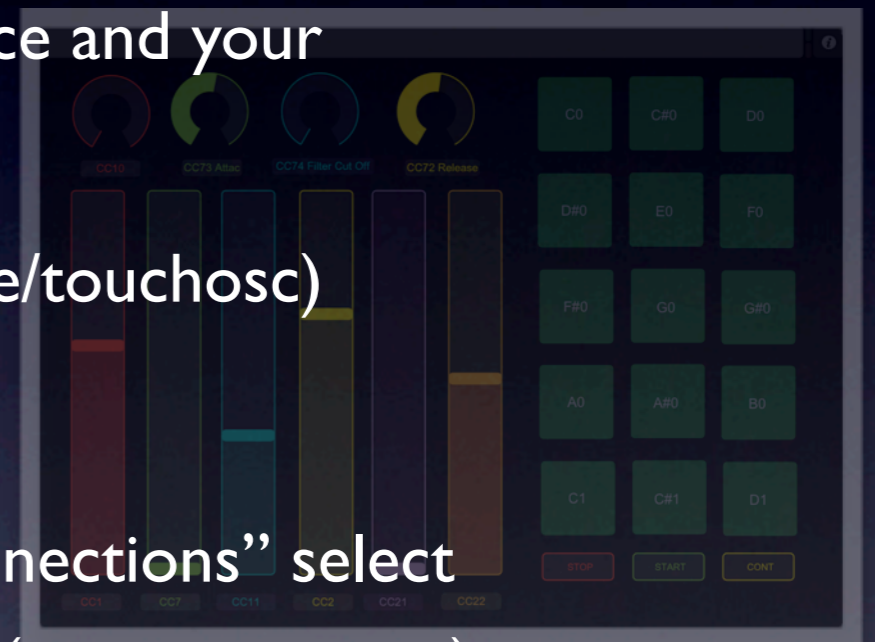
Logic Pro
AC-7 Core

1. Join the same WI-FI network on <u>both</u> the iOS device and your computer

2. Launch AudioMIDI Setup on your Mac. In the MIDI window double-click on the "Network" Icon and under "My Sessions" create a new session using the "+" button

3. Launch AC-7Core on your iOS device and set its mode to "Logic Mode"

4. In AudioMIDI Setup, under "Directory" select the iOS device that is running AC-7 and click on "Connect" <u>(make sure that "Who may connect to me" is set to "Anyone")</u>

5. Launch Logic

6. In Logic go to: Preferences/Control Surfaces Setup. Select "New/Install" and choose "Mackie Control".

7. Make sure that the In and Out ports are set to "Session 1" and Click "Add"
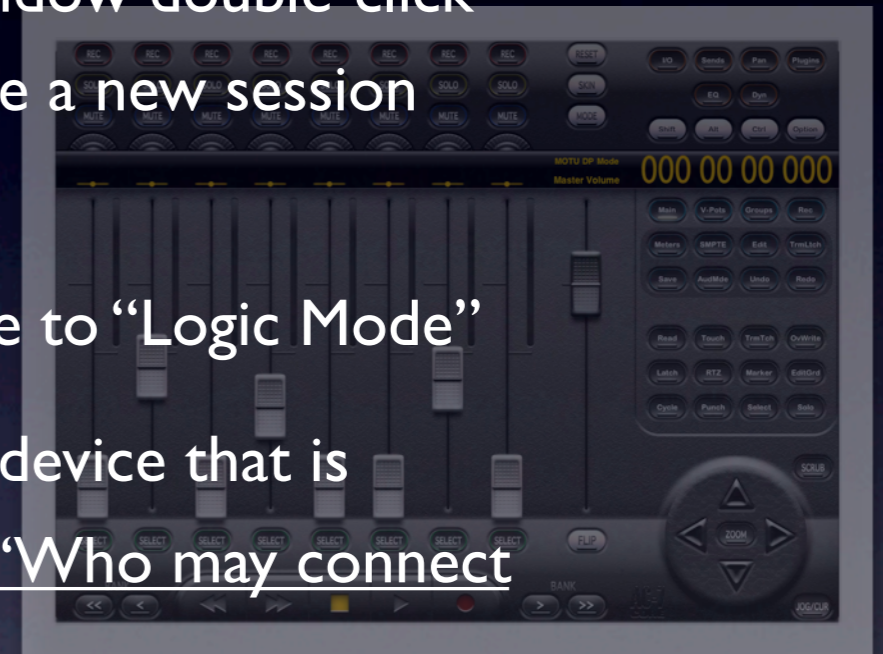
Logic Pro
TouchOSC

1. Join the same WI-FI network on <u>both</u> the iOS device and your computer

2. Launch Logic

3. In Logic Go to: Preferences/Control Surfaces Setup and under "New" make sure that "Automatic Installation" is selected

4. Launch TouchOSC on your iOS device. Under "Connections" select OSC, select "Enable" and select the host (your computer).

5. Logic should automatically recognize that a new OSC controller is present on the network

6. In TouchOSC select the Layout named LogicPad (for iPad) or LogicTouch (for iPhone)
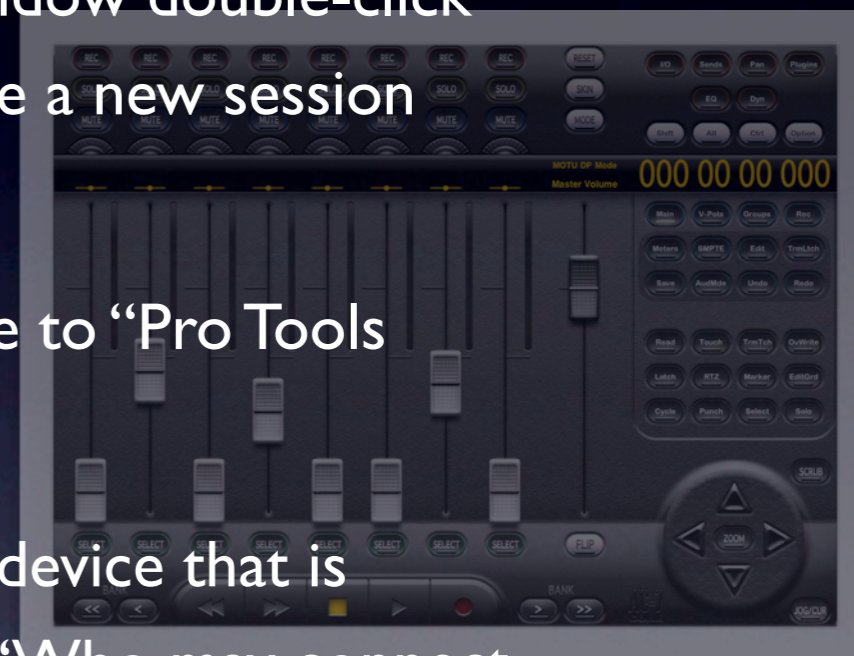
Pro Tools
AC-7 Core

1. Join the same WI-FI network on <u>both</u> the iOS device and your computer

2. Launch AudioMIDI Setup on your Mac. In the MIDI window double-click on the "Network" Icon and under "My Sessions" create a new session using the "+" button

3. Launch AC-7Core on your iOS device and set its mode to "Pro Tools Mode"

4. In AudioMIDI Setup, under "Directory" select the iOS device that is running AC-7 and click on "Connect" <u>(make sure that "Who may connect to me" is set to "Anyone")</u>

5. Launch Pro Tools

6. In PT go to: Setup/Peripherals and select the "MIDI Controllers" tab

7. Under "Controller#1" select HUI and set the "Receive From" and "Send To" on Network, Session 1. Click OK

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Pro Tools
TouchOSC

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3. Launch TouchOSC on your iOS device. Under "Connections" select MIDIBridge and select "Enable" and select the host (your computer).

4. In TouchOSC select your Layout that you have previously created in TouchOSC Editor

5. If you need, in DP go to Setup/Commands to configure your shortcuts

6. Launch PT. Go to Setup/MIDI/Input Devices and make sure that the TouchOSC Bridge option is checked. Click OK.

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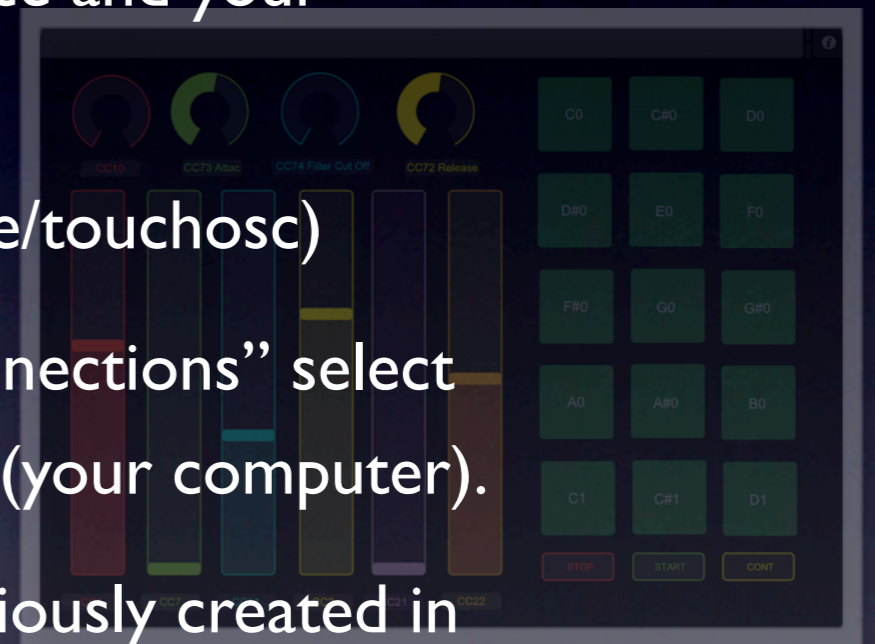
Pros/Cons

- Type of connection: WI-FI vs. Wired

- Type of controller:
  Closed vs. Multi platform vs. Open

Pros/Cons

WI-FI	Pros	Cons
	Ideal for remote control in the studio and on stage	Can be complicated to set up
	Mobile	Some reliability issues
		Battery life

Wired	Pros	Cons
	Very reliable	Additional hardware costs
	Easy to setup	Limited by MIDI cables
		Non mobile

Pros/Cons

Closed Controller	Pros	Cons
	Reliable	Limited features
	Easy to setup	Non customizable
	Tailored to specific DAW and features	Works with just one DAW

Pros/Cons

3rd Party Multi Platform	Pros	Cons
	Pretty Reliable	Features Limited by universal protocol standard (HUI or Mackie Control)
	Easy to setup	Non customizable
	Works with several different DAWs	

Pros/Cons

Open	Pros	Cons
	Very customizable	Set up can be cumbersome
	Works with several different DAWs	Require creation of templates
	Can be tailored to specific tasks	

Q&A

Contact

- "Life time Tech support"

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