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Subject: iPad report & MIDI suggestion

Posted by TAMAN on Sun, 07 Mar 2021 00:29:06 GMT

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Hi, (sorry but I can't post links until I have posted 300 messages :lol: )

- Informative iPad comparison chart

Quote: .. [studiolivetoday.files.wordpress.com/2020/09/studio-live-today-ipad-buyers-guide-v2.4.pdf](https://studiolivetoday.files.wordpress.com/2020/09/studio-live-today-ipad-buyers-guide-v2.4.pdf)

- iOS 14 supported iPad models Quote: .. [support.apple.com/guide/ipad/supported-models-ipad213a25b2/i-pados](https://support.apple.com/guide/ipad/supported-models-ipad213a25b2/i-pados)

I have a new iPad Air 4 (2020) with USB-C connection and tried to connect it directly to the ULN8 but it only works with a "Camera Connection Kit".

For USB-C iPads basically all USB-C Hubs that provide an HDMI Output should do the job.

Quote: .. [www.imore.com/best-usb-c-hubs-ipad-pro](https://www.imore.com/best-usb-c-hubs-ipad-pro)  
Apples USB

Quote: .. [www.apple.com/shop/product/MUF82AM/A/usb-c-digital-av-multiport-adapter?fnode=2e7878b4704985e628074d310c5a35bb28133b313c22c018168c7ed180e0e727bf03f9cfd1956069ed0dd23a808b5d5894059925aeffeb38fe41c49f138c40bdd3af4eb3fc632233dc737467de360768d2f4679be092047933082faa5d1813c](https://www.apple.com/shop/product/MUF82AM/A/usb-c-digital-av-multiport-adapter?fnode=2e7878b4704985e628074d310c5a35bb28133b313c22c018168c7ed180e0e727bf03f9cfd1956069ed0dd23a808b5d5894059925aeffeb38fe41c49f138c40bdd3af4eb3fc632233dc737467de360768d2f4679be092047933082faa5d1813c)

Connecting an iPad to a MH 3d interface opens 2 further questions: Power & Midi  
MH Interfaces don't provide power over USB but with Apples AV Adapter you got an USB-C port to charge an iPad. Quote: .. [store.storeimages.cdn-apple.com/4982/as-images.apple.com/is/MUF82\\_AV2?wid=1144&hei=1144&fmt=jpeg&qlt=95&op\\_usm=0.5%2C0.5&.v=1590526638000](https://store.storeimages.cdn-apple.com/4982/as-images.apple.com/is/MUF82_AV2?wid=1144&hei=1144&fmt=jpeg&qlt=95&op_usm=0.5%2C0.5&.v=1590526638000)  
The iPad Air 4 also provides an "all day battery". Quote: .. [www.tomsguide.com/reviews/ipad-air-4-2020](https://www.tomsguide.com/reviews/ipad-air-4-2020)

MH 3d Interfaces only provide Midi for Control Surfaces. The MH Support recommends the free AvidControl for iOS.Quote: .. [www.avid.com/de/products/avid-control](https://www.avid.com/de/products/avid-control)

If you want to send Midi from your DAW to an iPad Synth, Drummachine and record it over a MH 3d Interface you got a problem since Midi can't be passed over MH Link to USB. I don't know if it's technically possible to provide a virtual "MIO Midi Device" that can send and receive Midi Messages to pass it from MH Link to connected USB Devices and vice versa but it would make things easier.

It seems that there is a workaround cause you can connect an USB-C Hub to the AV Adapter, plugin in an audio interface into the ports of the HUB and a Hardware Midi Device as well. In my setup I also use a Midi Interface, the iConnectMidi4+ and plan to plugin in one of it's USB Jacks to the iPad HUB connected and see if it works.

iConnectivity is a veteran company when it comes to using one interface with multiple hosts/

computers/ iOS Devices.

Quote:Not only does iConnectMIDI4+ support three computer devices simultaneously - Macs, PCs, and iOS (iPad, iPhone, iPod touch) - its Audio passThru™ technology routes audio between them digitally with zero signal degradation, simply appearing as an audio interface to the operating systems.

iConnectMIDI4+ has been discontinued but you can get them used for about 160 bucks. I can fully recommend this interface and like to call it my Midi Metric Halo. The newer iConnectivity Midi Interfaces don't provide the Audio passThru™ technology anymore and their new audio interface is designed for live usage and redundancy / failover protection - DJ Stuff.

You can connect two iOS devices to a iConnectMIDI4+ and it shows up as an audio Interface in the DAW but you can't monitor the sound. Only over a DAW.

In Ableton it's not a problem cause you can send a midi Sequence over a Midi Track to the connected iPad while you monitor the synth through an audio track but in Logic for example it's not so easy cause the Audio Tracks must be record enabled for monitoring and when you play a midi sequence Logic immediately starts recording audio.

When an iPad is connected to MH 3d interfaces monitoring ain't an issue but sending Midi. How do you solve this? Over Bluetooth or WiFi?

What are your experiences?

Greetings

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Subject: Re: iPad report & MIDI suggestion  
Posted by [RoelH](#) on Wed, 23 Jun 2021 04:25:25 GMT  
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Better try with Wifi on, that should get this solved.

Regards,  
Roel Hackett