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Subject: rtpMIDI

Posted by [Dean S](#) on Mon, 19 Aug 2013 23:22:16 GMT

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Hi Parisians,

I've just managed to sync my PARIS PC ( Win XP ) up to my Cubase PC ( Win 8 ) using rtpMIDI.

<http://www.tobias-erichsen.de/software/rtpmidi.html>

rtpMIDI uses the network port of the computer to connect via MIDI.

Install driver on each machine. Also works on MAC yet I can't test that since I don't have one.

Each computer needs to be connected through TCP/IP.

PARIS machine I have as 192.168.2.1

Cubase machine is 192.168.2.2

I have 2 network ports on the Cubase machine, so it's other port is 192.168.1.119 and connects it to the rest of my network. PARIS is only connected to the Cubase machine which isn't sharing resources. So the interconnecting cable only has to transport the MTC.

I am connected over a 1Gb network and rtpMIDI is claiming 0ms Latency.

Open the software and create a session on each computer.

On the PARIS computer I called it PARIS rtpMIDI.

On the Cubase computer I called it Cubase rtpMIDI.

As long as the computers can PING each, rtpMIDI should now show the other computer in the Directory box.

Cubase rtpMIDI on the PARIS machine.

PARIS rtpMIDI on the Cubase machine.

Open PARIS and in the project open the MIDI Devices windows.

Set PARIS rtpMIDI to send MTC signals clicking the box on the right.

In Cubase, I'm using Version 5, open the Project Synchronisation Setup found in the Transport menu.

In the MIDI Timecode Source box select Cubase rtpMIDI as the MTC input.

Make sure that Use External Sync is selected. It is also in the Transport Menu.

As long as I haven't forgotten anything, Cubase should be synced to PARIS.

Not sure if anyone has tried using Ethernet to sync PARIS yet couldn't find anything about it in my searches here.

Dean

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Subject: Re: rtpMIDI  
Posted by [Ted Gerber](#) on Tue, 20 Aug 2013 02:12:10 GMT  
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Wow -

So real time Virtual Instruments via external connection is possible yes?

(I know very little about MIDI)

Thanks for posting!

Ted

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Subject: Re: rtpMIDI  
Posted by [Dean S](#) on Tue, 20 Aug 2013 08:01:27 GMT  
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Hi Ted,

I'm using Cubase to run Superior Drummer mostly. I haven't had time to check latencies yet with the setup.

I'm running a Creative X-FI card for sound on the Cubase machine. Coming out of the SPDIF then into the MEC.

Using this setup I can sync the transport of each together and record the MIDI into Cubase and also record the output of Superior Drummer, or any another VSTi, into PARIS via the SPDIF.

If I need I can then edit the MIDI track or change the drum sounds. Press record on PARIS and Cubase will replay the drums through SPDIF into PARIS.

There are other ways to sync PARIS to another DAW which can run VSTi yet I don't have any ADAT which seems the most common way of doing it. Thought I would try connecting using MIDI over Ethernet since I already had a crossover cable not being used. So far I haven't noticed any latency, yet I only got it all synced up this morning. Will do some proper checking in a few days when I'm back home.

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Subject: Re: rtpMIDI  
Posted by [dnafe](#) on Tue, 20 Aug 2013 10:34:12 GMT  
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Thanks for the post!

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Subject: Re: rtpMIDI  
Posted by [JeffH](#) on Sat, 24 Aug 2013 04:35:05 GMT  
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Interested in how the latency issue fleshes out as well as the consistency of the MTC vs. other options. My current setup doesn't allow for ADAT sync.

JH

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