
Subject: Inexpensive sound card

Posted by [Edna Sloan](#) on Sat, 11 Feb 2006 00:54:30 GMT

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Looking to pickup a soundcard for another computer/sequencer rig.
Considering EMU 0404 or 1212, versus M-Audio Audiophile 192. Any opinions
or suggestions?

Thanks,

Edna

Subject: Re: Inexpensive sound card

Posted by [Deej \[1\]](#) on Sat, 11 Feb 2006 03:38:12 GMT

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I've heard great things about the EMU card as far as fidelity goes. I've
also heard some bad things about it as far as the digital protocol goes.
Seems it doesn't somehow adhere to the ADAT spec so if you're planning to
interface it digitally with Paris via ADAT, there might be issues. It
doesn't have an ADAT sync input so clocking it could be an issue unless you
were clocking both the EMU card and Paris to an external clock. The MAudio
ought to be pretty strack as far as being compatible with whatever spec you
want to use. It's a bit more \$\$\$, but I'm very pleased with the RME stuff
and I have also used the LynxOne. If you don't need a whole lot of I/O and
sample rates above 48k, the LynxOne is an excellent choice. I have actually
clocked Paris from a LynxOne and I have also daisy chained a LynxOne from a
Paris system with no problems. Lynx and RME both make great stuff.

Deej

"Edna" <edna@texomaonline.com> wrote in message news:43ed36ce@linux...

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> or suggestions?

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> Edna

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Subject: Re: Inexpensive sound card

Posted by [Bill Lorentzen](#) on Sat, 11 Feb 2006 13:08:38 GMT

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Just one thing: unless you are actually synching ADAT tape transports I
don't think you need the 9 pin sync for the digital data - it is adequately
represented in the stream.

Bill

"DJ" <animix_spam-this-ahole_@animas.net> wrote in message
news:43ed5d14\$1@linux...

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Subject: Re: Inexpensive sound card
Posted by [Edna Sloan](#) on Sat, 11 Feb 2006 15:06:00 GMT
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computer to the PARIS computer. I have never done any digital transfers
before, so am not sure what sync issues may arise. Are you saying the
digital data will provide its own sync?

Thanks,

Edna

"Bill Lorentzen" <bill@lorentzen.ws> wrote in message

news:43ede2d8\$1@linux...

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Subject: Re: Inexpensive sound card
Posted by [Edna Sloan](#) on Sat, 11 Feb 2006 15:27:59 GMT
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Thanks DJ, I will check out the Lynx. These other 2 cards can be gotten for less than a C. Well, except for the 1212 which touts as having the same converters as the PT HD(-120 db).

But I dont want any sync issues.

E

"DJ" <animix_spam-this-ahole_@animas.net> wrote in message
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Subject: Re: Inexpensive sound card
Posted by [Bill Lorentzen](#) on Sat, 11 Feb 2006 19:39:36 GMT
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not need the 9 pin. If you are going spdif then you should have no concern about the ADAT 9 pin whatsoever.

Bill

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Subject: Re: Inexpensive sound card
Posted by [Deej \[1\]](#) on Sat, 11 Feb 2006 19:43:15 GMT
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Bill,

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Subject: Re: Inexpensive sound card

Posted by [Deej \[1\]](#) on Sat, 11 Feb 2006 19:48:14 GMT

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Edna,

SPDIF carries it's own imbedded clock signal. You can, in theory, set Paris to receive *digital* clock in the Paris control panel, and it *should* sync to the spdif output of another device which is feeding it's signal to the Paris spdif input. This won't lock up the timelines of two DAWs, (only ADAT

or midi sync will do this) but if you're just inputting audio into PARIS via spdif, it *should* prevent timing errors like clicks and pops.

Deej

na" <edna@texomaonline.com> wrote in message news:43edfe5f@linux...
> Adequately represented in the stream? I plan to s/pdif from the sequencer
> computer to the PARIS computer. I have never done any digital transfers
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Subject: Re: Inexpensive sound card
Posted by [Edna Sloan](#) on Sat, 11 Feb 2006 21:03:46 GMT
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Thanks Bill

I would also like to be able to have the visti computer start playingwhen I start PARIS recording(or vice versa), since I am bringing the instrumentation in piecemeal.

"Bill Lorentzen" <bill@lorentzen.ws> wrote in message news:43ee3e77\$1@linux...

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Subject: Re: Inexpensive sound card
Posted by [Bill Lorentzen](#) on Sat, 11 Feb 2006 23:49:15 GMT
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OK, I get what you are doing. First I should clarify: there are 2 kinds of sync here. There is wordclock, which locks the digital clocks for accurate transfer of audio, then there is play/stop sync, which moves the DAW/sequencer play line. The first one is carried by either a wordclock cable (best), or embedded in the spdif or ADAT lightpipe digital stream (OK). The second one can be from MIDI timecode via a MIDI cable (OK), or if you have it, a 9 pin ADAT sync cable (very accurate) (or a few other ways, but we won't worry about those now).

If you are moving VSTi audio tracks from a sequencer into Paris, or just want them to play along with Paris, you should do fine with MIDI timecode for the sync and spdif for the audio (2 tracks at a time). I would recommend that approach - someone else who still uses Paris correct me if I am wrong.

Bill

"Edna" <edna@texomaonline.com> wrote in message news:43ee5238@linux...
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Subject: Re: Inexpensive sound card
Posted by [Bill Lorentzen](#) on Sat, 11 Feb 2006 23:54:31 GMT
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Deej,

Yeah, I'm hip to that (I bought 3 ADATs practically the week they came out).
My point was that it is no better than spdif unless you need to lock up
ADATs to Paris (something I never enjoyed doing!)

Best,
Bill

"DJ" <animix_spam-this-ahole_@animas.net> wrote in message
news:43ee3f41@linux...

> Bill,
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Subject: Re: Inexpensive sound card
Posted by [JeffH](#) on Sun, 12 Feb 2006 00:28:30 GMT
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So what are the few other ways?

Been wanting to do the sync tighter than MTC but wondering what other options could be explored (running Paris and Cubase SX3).

Jeff

Bill Lorentzen wrote:

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> sync here. There is wordclock, which locks the digital clocks for accurate
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>>>not need the 9 pin. If you are going spdif then you should have no
>>>concern
>>>about the ADAT 9 pin whatsoever.
>>>
>>>Bill
>>>
>>>"Edna" <edna@texomaonline.com> wrote in message news:43edfe5f@linux...
>>>
>>>>Adequately represented in the stream? I plan to s/pdif from the
>>
>>sequencer
>>
>>>>computer to the PARIS computer. I have never done any digital
>>>>transfers
>>>>before, so am not sure what sync issues may arise. Are you saying the
>>>>digital data will provide its own sync?
>>>>Thanks,
>>>>Edna
>>>>"Bill Lorentzen" <bill@lorentzen.ws> wrote in message
>>>>news:43ede2d8\$1@linux...
>>>>
>>>>>Just one thing: unless you are actually synching ADAT tape transports
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>>>>>
>>>>>Bill
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>>>>>"DJ" <animix_spam-this-ahole_@animas.net> wrote in message
>>>>>news:43ed5d14\$1@linux...
>>>>>
>>>>>>I've heard great things about the EMU card as far as fidelity goes.
>>>>>>I've
>>>>>>also heard some bad things about it as far as the digital protocall
>>>>>

>>>>goes.
>>>>
>>>>>Seems it doesn't somehow adhere to the ADAT spec so if you're
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>>>>>It
>>>>>doesn't have an ADAT sync input so clocking it could be an issue
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>>>>MAudio
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>>>>>actually
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>>>>>
>>>>>Deej
>>>>>
>>>>>"Edna" <edna@texomaonline.com> wrote in message
>>
>>news:43ed36ce@linux...

[illegible]

Subject: Re: Inexpensive sound card
Posted by [Deej \[1\]](#) on Sun, 12 Feb 2006 01:02:15 GMT
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Understood. This reminds me that I still have to do some ADAT transfers for a project.....ugh!

I'm not too crazy about this either.

;0)

"Bill Lorentzen" <bill@lorentzen.ws> wrote in message news:43ee7a34@linux...

> Deej,

 $\geq$

> Yeah, I'm hip to that (I bought 3 ADATs practically the week they came out).

> My point was that it is no better than spdif unless you need to lock up

- > ADATs to Paris (something I never enjoyed doing!)

 $\triangleright$

> Best,

> Bill

 $\vee$

> "DJ" <animix_spam-this-ahole_@animas.net> wrote in message

```
> news:43ee3f41@linux...
```

> > Bill,

> >

> > ADAT sync carries it's own clock signal irregardless of whether is it

> > timeline locked via the 9 pin serial cable. I have heard that the signal
> > that is imbedded in the bitstream of the ADAT output (using a fibre
optic
> > cable sending 8 channels) of the EMU card may not be reliable.
> > This was being discussed on the RME website a while back so consider the
> > source I guess.
> >
> > Regards,
> >
> > Deej
> >
> > "Bill Lorentzen" <bill@lorentzen.ws> wrote in message
> > news:43ede2d8\$1@linux...
> >> Just one thing: unless you are actually synching ADAT tape transports I
> >> don't think you need the 9 pin sync for the digital data - it is
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> >>> and I have also used the LynxOne. If you don't need a whole lot of
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news:43ed36ce@linux...
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Subject: Re: Inexpensive sound card
Posted by [Bill Lorentzen](#) on Sun, 12 Feb 2006 15:13:26 GMT
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Hey Jeff, thiose other options I was referring to are for other types of systems - not for a sequencer. Sorry! Your best bet for tight sync might be ADAT sync, but you would need an ADAT card in a MEC and an ADAT compatible sound card like the RME 9652.

Bill

"Jeff hoover" <jkhoover@excite.com> wrote in message
news:43ee8238\$1@linux...
> So what are the few other ways?
>
> Been wanting to do the sync tighter than MTC but wondering what other
> options could be explored (running Paris and Cubase SX3).
>
> Jeff
>
> Bill Lorentzen wrote:
>> OK, I get what you are doing. First I should clarify: there are 2 kinds
>> of sync here. There is wordclock, which locks the digital clocks for
>> accurate transfer of audio, then there is play/stop sync, which moves the

>> DAW/sequencer play line. The first one is carried by either a wordclock
>> cable (best), or embedded in the spdif or ADAT lightpipe digital stream
>> (OK). The second one can be from MIDI timecode via a MIDI cable (OK), or
>> if you have it, a 9 pin ADAT sync cable (very accurate) (or a few other
>> ways, but we won't worry about those now).
>>
>> If you are moving VSTi audio tracks from a sequencer into Paris, or just
>> want them to play along with Paris, you should do fine with MIDI timecode
>> for the sync and spdif for the audio (2 tracks at a time). I would
>> recommend that approach - someone else who still uses Paris correct me if
>> I am wrong.
>>
>> Bill
>>
>> "Edna" <edna@texomaonline.com> wrote in message news:43ee5238@linux...
>>
>>>Thanks Bill
>>>I would also like to be able to have the visti computer start playingwhen
>>>I
>>>start PARIS recording(or vice versa), since I am bringing the
>>>instrumentation in piecemeal.
>>>
>>>"Bill Lorentzen" <bill@lorentzen.ws> wrote in message
>>>news:43ee3e77\$1@linux...
>>>
>>>>What I meant is that the lightpipe cables would carry the sync and you
>>>
>>>would
>>>
>>>>not need the 9 pin. If you are going spdif then you should have no
>>>>concern
>>>>about the ADAT 9 pin whatsoever.
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Subject: Re: Inexpensive sound card
Posted by [Martin Harrington](#) on Mon, 13 Feb 2006 23:26:21 GMT
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I've got both the EMU 0404 and the M-Audio Delta 1010, and I can categorically say that the EMU is a rounder, warmer sound, plus, as a bonus, has onboard effects, should you want to use them.
Martin H

"Edna" <edna@texomaonline.com> wrote in message news:43ed36ce@linux...
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> Thanks,
> Edna
>
>

Subject: Re: Inexpensive sound card
Posted by [Edna Sloan](#) on Thu, 16 Feb 2006 01:10:25 GMT
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I checked with Creative and they said the 0404 doesnt support adat sync, so I may look for the 1212. It does have different converters than the 0404, so probably wont sound the same. It seems to be a good price for the features.

Thanks,
Edna

"Martin Harrington" <lendan@bigpond.net.au> wrote in message news:43f11708\$1@linux...

> I've got both the EMU 0404 and the M-Audio Delta 1010, and I can
> categorically say that the EMU is a rounder, warmer sound, plus, as a bonus,

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> > Thanks,

> > Edna

> >

> >

>

>

Subject: Re: Inexpensive sound card
Posted by [Chris Ludwig](#) on Thu, 16 Feb 2006 22:02:30 GMT
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Hi Edna,

None of the EMU cards support ADAT Time code sync. They do have a poorly implemented ADAT clock sync ability though. Don't confuse digital audio clock with time code clock sync.

The Frontier Designs Dakota, RME HDSP9652 and Digi9652 are the only

cards that have built in ADAT Time sync. But none are cheap and none have analog I/O only ADAT.

The best cheap sound card from the description of what you need would seem to be the M-Audio Audiophile 2496 PCI card. It's 99.00 has rca analog RCA and stereo SPDIF and Midi I/O.

If you are going into Paris's SPDIF connection then it really doesn't matter how the built analog sound sense you will be listening to Paris's converters.

You can use the Midi if you need to sync the time code between the 2 machines.

There are tighter time code syncs possible but then you have to spend allot more money.

Chris

Edna wrote:

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>>>

>>>

>>

>

>

--

Chris Ludwig

ADK Pro Audio
(859) 635-5762
www.adkproaudio.com
chrisl@adkproaudio.com

Subject: Re: Inexpensive sound card
Posted by [Edna Sloan](#) on Fri, 17 Feb 2006 02:01:25 GMT
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Hi Chris, thanks for the response. Yes, I was thinking I could use MIDI sync for timelines. Have no idea of how "tight" it is or needs to be? I understand that the 9-pin ADAT sync would be the tightest. A LynxOne card I just missed went for \$157 on Ebay. Something like this I could swing. I may have uses other than just into PARIS, so I would like to have something that sounds good as well. It seems a number of folks have had problems with Dakota and PARIS, so I haven't been looking at this one. If I had the \$\$, RME Multiface would be it. For cheap, the Audiophile does seem to offer a lot. Does the EMU 1212 have decent MIDI sync?

thanks,
Edna

"Chris Ludwig" <chrisl@adkproaudio.com> wrote in message
news:43f4f824\$1@linux...

> Hi Edna,
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> --
> Chris Ludwig
>
> ADK Pro Audio
> (859) 635-5762
> www.adkproaudio.com
> chrisl@adkproaudio.com

Subject: Re: Inexpensive sound card
Posted by [Chris Ludwig](#) on Fri, 17 Feb 2006 02:58:12 GMT
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Hi Edna,

The Multiface dos not have the ADAT Sync option on it. Neither do any of the Lynx cards. So in that respect they would be now better than the audiophile. The midi time code sync on any of the cards are fine. I didn't see what audio app you will be using to do this along with Paris.

The timing issues will be caused by these apps more than the hardware. Cubase 3 and Sonar 5 both seem to having pretty tight timing from what I've experienced. Cubase 1/2 and the earlier Sonar version all have had their of troubles but could usually be tweaked to work well.

Personally I would see if you can find a used HDSP9652 or Digiface/HDSPPCI card on ebay. Well worth the money for when you will eventually shit can Paris for something different. :)

Chris

Edna wrote:

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> sync for timelines. Have no idea of how "tight" it is or needs to be? I
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> news:43f4f824\$1@linux...

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>>Chris Ludwig
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>
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--
Chris Ludwig
ADK
chrisl@adkproaudio.com <mailto:chrisl@adkproaudio.com>
www.adkproaudio.com <http://www.adkproaudio.com/>
(859) 635-5762

Subject: Re: Inexpensive sound card
Posted by [Edna Sloan](#) on Fri, 17 Feb 2006 03:45:36 GMT
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I see. I'm still looking at audio apps, considering Cubase SX3 or Samplitude at present. I've heard quite a few folks comment on how good Sam sounds. Also, as far as the soundcard is concerned, I was also looking for an inexpensive way to get 24-bit A/D into PARIS when desired, w/o having to spring for the 8-in PARIS card. Thanks again for the help.
Edna

"Chris Ludwig" <chrisl@adkproaudio.com> wrote in message
news:43f53d24\$1@linux...

> Hi Edna,
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> >>chrisl@adkproaudio.com
> >
> >
> >
>
> --
> Chris Ludwig
> ADK
> chrisl@adkproaudio.com <mailto:chrisl@adkproaudio.com>
> www.adkproaudio.com <http://www.adkproaudio.com/>
> (859) 635-5762

Subject: Re: Inexpensive sound card
Posted by [lamont\[1\]](#) on Sat, 18 Feb 2006 02:01:59 GMT
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Hi Edna.
Check ou the RME Dlgiface. great unit,has ADat & midi time sync. Plus you
can monitor thru the stereo headphone jack.
<http://www.rme-audio.com/english/hdsp/digifa.htm>

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Subject: Re: Inexpensive sound card
Posted by [Edna Sloan](#) on Sat, 18 Feb 2006 02:19:23 GMT
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Thanks LaMont, I'll check it out. . .

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Subject: Re: Inexpensive sound card
Posted by [Deej \[1\]](#) on Sat, 18 Feb 2006 03:57:04 GMT
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Chris,

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Regards,

Deej

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news:43f53d24\$1@linux...

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Subject: Re: Inexpensive sound card
Posted by [Chris Ludwig](#) on Sun, 19 Feb 2006 06:40:52 GMT
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HI DJ,
Yep you are correct sir!
Hopefully she'll find one used.

Chris

DJ wrote:

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