
Subject: Yamaha DM 2000 question
Posted by [DJ](#) on Sun, 09 Sep 2007 00:29:48 GMT
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If I bought one of these, I would need it to do the following:

Provide me 24 AD/DA converters for tracking and interfacing outboard gear at mixdown while allowing the summing of ADAT inputs from my 3 x RME HDSP 9652's plus an additional 8 x stereo AES I/O for interfacing my digital outboard gear and Mytek stereo AD/DA's
.....so I would need simultaneous access at mixdown to:

24 analog I/O

48 ADAT I/O (I really would only need the ADAT inputs for input streaming to sum in the DM2000.

8 x AES I/O

80 total I/O

Is it possible to configure a DM 2000 like this? Do I even need the RME cards...IOW....can the DM2000 function as an audio interface like the Tascam DM4800 does?

I'm seriously entertaining the idea of getting a large digital mixer. If I had something like the DM2000, I could lose all sorts of stuff, like my Furman HDS-16 system, a digital patchbay, a Houston controller, a Multiface PCI system, two RME ADI8-DS units and I could also sacrifice a few outboard preamps if the DM2000's pres are as good as I hear and the AD/DA converters are good as well.

How would I spec something like this out?

Dave????.....anyone???

Thanks,

Deej

Subject: Re: Yamaha DM 2000 question
Posted by [Chris Ludwig](#) on Sun, 09 Sep 2007 01:19:33 GMT
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HI DJ,

DJ wrote:

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You can use up to 6 cards in the DM so something like this would work.

2 xMY8-AE96

4x MY16-AT

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- > cards...IOW....can the DM2000 function as an audio interface like the Tascam
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It has a forewore option but liek the Tascam it is usless and buggy.

Limited I/O, High latency.

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- > PCI system, two RME ADI8-DS units and I could also sacrifice a few outboard
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- > are good as well.

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Do you want the 48 ADAT to be going to/from the computer? The RME Madi
PCI card is still the most logical way to to do this IMHO.

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> Thanks,

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Chris

--

Chris Ludwig
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Subject: Re: Yamaha DM 2000 question
Posted by [LaMon](#) on Sun, 09 Sep 2007 01:26:53 GMT
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Hey DJ, since I work on the DM 2000 frequently and highly recommend as a first rate mixer, DAW controller (Nuendo, SX, PT, Logic and Sonar). Highly flexible routing. Some of the best on board Mic Pre-amp (Full bodied..non color) you will find.

-8 SPX1000's..
-96 channels @ 96k..

To the point... YES to all of your questions...

Now, Since you run SX, and since Yammy own Steinberg, the hooks between the DM and SX are deep.. Very Deep.

So, deep that your DAW options are many...:

-DAW RME 9652..into DM-2000...(via ADAT)

-DAW-FireWire....Into DM 2000.(M-Lan FireWire)

-DAW RME MADI...DM 2000 MADI..Right now expensive. But, Yammy is developing

their own cheaper midi interface for the DM..

-Version 2 software introduces their analog modeling fx..Nice..However, they replace the 8 verbs ..

Bottom line ..Great move.. The combo of Nuendo/SX with the DM 2000 is at top of the DAW pile..HOWEVER!!! :)

There's competition from Tascam.. Yes Tascam.. for a saving of 15k .. You can get the Tascam DM 4800..Killer unit.. ZGood Pre's (24) Nice Eq..comps/gates on every channel..

Very DAW control (SX/Nuendo, Logic, Pro Tools, Sonar
Can be used with your RME's..via adat...OR via their 32 i/o FireWire card..\$around 5k..

So there you have it..

"DJ" <animix _ at _ animas _ dot _ net> wrote:

>If I bought one of these, I would need it to do the following:

>

>Provide me 24 AD/DA converters for tracking and interfacing outboard gear at

>mixdown while allowing the summing of ADAT inputs from my 3 x RME HDSP

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>80 total I/O

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Subject: Re: Yamaha DM 2000 question
Posted by [LaMon](#) on Sun, 09 Sep 2007 01:45:34 GMT
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Hey Chris, the Studio with the DM 2000 has 48 adat channels (Pro Tools HD) going to the Mac-DAW..Works and sound great.

P.S.
You can hear the difference in when Suming via the DM versus via Digi 192s and RME 9552..

Take a look.. <http://www.lamourrecording.com/>

Chris Ludwig <chrisl@adkproaudio.com> wrote:
>HI DJ,
>

>
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>Chris
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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: Yamaha DM 2000 question
Posted by [Larry Upton](#) on Sun, 09 Sep 2007 03:24:03 GMT
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DJ:

I love the DM2000 as a concept - haven't touched one personally yet (you need to talk to Dave about that), but it is a very powerful beast with big bang for the buck.

yamahaproaudio.com has downloadable manuals and block diagrams for all their products for your perusal...

Here is what I do know:

DJ wrote:

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- > outboard gear and Mytek stereo AD/DA's
- >so I would need simultaneous access at mixdown to:
- >
- > 24 analog I/O

comes with 24 mic/line inputs, 8 analog "omni" line outs, which are assignable to any console output signal, and 2 analog stereo I/O, plus 3 stereo digital I/O, 2 - AES, 1 - SPDIF, assignable as well.

- >
- > 48 ADAT I/O (I really would only need the ADAT inputs for input streaming to
- > sum in the DM2000.
- >
- > 8 x AES I/O
- >
- > 80 total I/O
- >

comes with 6 empty I/O slots designed to take the "MY..." series of I/O cards - ADAT, AES, mlan, MAD1 (3rd party sale), analog line (96K capable), etc. list of these available at Yamaha web site, also...

There are 20 busses: stereo, mix bus 1-8, aux bus 1-12. There are 96 input channels, each with a dedicated direct out in firmware. The direct out is assignable pre or post EQ/fader.

Any physical input or bus can be assigned to any mixer channel, any mixer output can be assigned to virtually any physical output. The board is one big router.

There are 96 I/O available in firmware, you just have to add I/O modules to service them.

- > Is it possible to configure a DM 2000 like this? Do I even need the RME
- > cards...IOW....can the DM2000 function as an audio interface like the Tascam
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Yes, computer audio I/O is needed - I don't trust mlan at all...

- > I'm seriously entertaining the idea of getting a large digital mixer. If I
- > had something like the DM2000, I could lose all sorts of stuff, like my

> Furman HDS-16 system, a digital patchbay, a Houston controller, a Multiface
> PCI system, two RME ADI8-DS units and I could also sacrifice a few outboard
> preamps if the DM2000's pres are as good as I hear and the AD/DA converters
> are good as well.
>

"Remote Layer" has built-in support for remote control of PT, Nuendo,
Cubase, at a reasonable level. Not as deep as your Houston, but very
few controllers are...

Also, MMC transport control for DAW is standard, as well as RS422 (Sony
P2) serial control for driving VTR's, and SMPTE time code read/generate.

Full mixdown automation is standard, as well as full setup/routing
presets, saved to internal memory, flash card or ext Studio Manager pgm
via USB.

5.1 monitoring control is standard in the CR section, as well.

Mic pre's and AD/DA conv are critically approved, whatever that means...

Built-in EFX are usable, but you might want to keep your UAD's, etc. -
again, see web site.

> How would I spec something like this out?
>

1 - DM2000 base console
1 - Meter bridge
3 - MY16-AT 16 I/O ADAT format slot cards
1 - MY16-AES 16 I/O AES format slot card (this gives you 8 spare AES I/O)
1 (or 2) 8 I/O analog cards (not sure of the MY... number)

1 slot leftover for the inevitable expansion....

AES and ADAT I/O count is halved at FS above 48K, console channel count
and internal DSP proc is not. Throughput latency is halved at 96K FS.

Call your local dealer, or find one at the Yamaha web site. I think
Sweetwater is a dealer for this line, for starters.
EBay is another source (I know - duh!)

> Dave????.....anyone???
>
> Thanks,
>
> Deej

>

Yer welcome... If you can't tell, I want one of these guys for the TV station very badly.

Larry Upton
KPBS TV/FM
San Diego

Subject: Re: Yamaha DM 2000 question
Posted by [DJ](#) on Sun, 09 Sep 2007 04:09:56 GMT
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"> Yer welcome... If you can't tell, I want one of these guys for the TV station very badly.

>

>

> Larry Upton
> KPBS TV/FM
> San Diego

Thanks Larry. Just in case you're in the market right now.....

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=140154099899&indexURL=6&photoDisplayType=2#ebayphotohosting>

;o)

Subject: Re: Yamaha DM 2000 question
Posted by [Chris Ludwig](#) on Sun, 09 Sep 2007 14:33:08 GMT
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Hi Lamont,

They are only developing a MY -MADI option card to make it easier to connect to a RME card. They are not developing a PC sound card. Audio Service is the company that make the MY-MADI currently and they are charging over \$3000 for it. It is cheaper and more flexible to get a RME MADI card and the RME ADI-648 and then use the MY-ADAT cards in the console.

Chris

LaMont wrote:

> Hey DJ, since I work on the DM 2000 frequently and highly recommend as as

> first rate mixer, DAW controller (Nuendo, SX, PT, Logic and Sonar). Highly
> flexible routing. Some of the best on board Mic Pre-amp (Full bodied..non
> color) you will find.
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> -8 SPX1000's..
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> To the point... YES to all of you questions...
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> Now, Since you run SX, and since Yammy own steinberg, the hooks bw the DM
> and SX are deep.. Very Deep.
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> So, deep that your DAW options are many...:
>
> -DAW RME 9652..into DM-2000...(via adat
>
> -DAW-Firwire....Into DM 2000.(M-Lan firewire
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> -Version 2 software introduces their analog modeling fx..Nice..However, they
> replace the 8 verbs ..
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Subject: Re: Yamaha DM 2000 question
Posted by [Chris Ludwig](#) on Sun, 09 Sep 2007 14:37:44 GMT
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Hi Lamont,
Yes the DM2000 does sound great. The way the Yamaha studio Manager software works inside of Cubase/Nuendo is awesome. Why easier than using its built-in screen to do stuff.
I think DJ might have some issues with using the DM2000 as compared to his Houston mainly because some of the extra belles and whistles that I've only seen the Mackie and Houston do.
But otherwise I think the DM would be a breath of fresh air for him.

Chris

LaMont wrote:

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>> Chris
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>> Chris Ludwig
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Subject: Re: Yamaha DM 2000 question
Posted by [EK Sound](#) on Mon, 10 Sep 2007 15:51:47 GMT
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Hey, a question I can answer! :-)

DJ wrote:

- > If I bought one of these, I would need it to do the following:
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- >so I would need simultaneous access at mixdown to:
- >
- > 24 analog I/O

You have 24 analog ins and 8 "omni outs" (assignable as anything) in addition to all your monitoring and 2T sends/returns

Add 1 MY8-DA96 for an additional 8 analog outs to get 16.

- >
- > 48 ADAT I/O (I really would only need the ADAT inputs for input streaming to
- > sum in the DM2000.

You need 4 MY16AT cards for this.

- >
- > 8 x AES I/O

You need 1 MY16AE (gives you 16 channels) or 1 MY8AE for 8 channels.

- >
- > 80 total I/O

The above card combo fills the unit. You would be 8 analog out short of your spec.

- >
- > Is it possible to configure a DM 2000 like this? Do I even need the RME
- > cards...IOW....can the DM2000 function as an audio interface like the Tascam
- > DM4800 does?

Yes, it would be both interface and controller... but you still have to get in and out of the computer.

This is how we use it here...

Nuendo - 24 channels of ADAT I/O from HDSP9652 to/from DM2K
Protools - 24 channels of ADAT I/O from 192 I/O
Paris - 16 channels of ADAT I/O from MEC

All connected to MY16AT cards on the DM2K

>

> I'm seriously entertaining the idea of getting a large digital mixer. If I
> had something like the DM2000, I could lose all sorts of stuff, like my
> Furman HDS-16 system

Connect it to the analog outs of the DM to use while tracking.

, a digital patchbay

Built in to the DM

, a Houston controller

The DM has more functionality.

, a Multiface
> PCI system

You won't need it.

, two RME ADI8-DS units

These can be interfaced to the ADAT ports for more analog I/O (I use
one here for more sends)

and I could also sacrifice a few outboard
> preamps if the DM2000's pres are as good as I hear and the AD/DA converters
> are good as well.

The pre's are really good... but it's still good to have more
flavour. You can use one of the 8IO's for different convertor flavor

>

> How would I spec something like this out?

Call me... ;-) Better yet, catch a plane! :-)

I think your rig can be streamlined once you get a workflow going with
the console. You are doing some really complicated routing that
shouldn't be necessary. Just make sure if you buy one, to get a
Version 2 model... or you will have to upgrade it. This is all
assuming a max sample rate of 48K... go to 96K and this all goes out
the window...

>

> Dave????.....anyone???

David.

>

> Thanks,

>

> Deej

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