
Subject: Seeking 2882 signal routing advice from Bias PEAK PRO Users

Posted by [jduesenb](#) on Fri, 30 Dec 2011 22:12:01 GMT

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Excuse a very new newbie who is surprised to see so few messages and topics up here. This isn't really about "MIOConsole", either, except insofar as MIOConsole configures signal routing...

I'm the proud new owner of a MH 2882 interested in communicating with anybody who might be using some current version of Bias Peak (I use Peak Pro 7) with a 2882. I'm having a lot of problems setting up this software with the 2882 - probably because I'm stupidly misunderstanding something about MH2882, Peak, or both.

First of all, on the MIOConsole side, I'm starting with the 2882 Basic Setup Template, with no changes except physical routing of the mixer sum to Analog 3+4. I'm reasonably convinced that the 2882 and MIOConsole are properly sending/receiving FireWire signals to/from the Mac host in general.

Peak is not a "DAW" but more of a general audio utility and mastering app. that deliberately handles only mono or 2-ch. stereo inputs/outputs/soundfiles. As such it will see the 18 FireWire audio signals coming from/to the 2882 as a set of 9 stereo pairs. (Given that the 2882 is online with Core Audio and is selected as the Sound Control Panel input/output device).

Peak only lets you select 2882 ins/outs as represented by lists of the form:

"Record Thru:

In 0 1 & 2

In 2 2 & 4

...

In 16 17& 18"

or

"Play Through:

Out 0 1 & 2

Out 2 2 & 4

...

Out 16 17& 18"

This representation SORT OF make sense... My problem is, I don't know how the above stereo pairs map to MH2882's "FW 1...18" (send to "DAW app") or "DAW 1..18" (return from "DAW app") - either logically, or physically. All I can say is, sometimes Peak sees inputs and sometimes it doesn't.

There is something basic I'm probably missing here,,, I've already talked to BIAS support and while they are very nice, they can't be expected to solve every particular problem with every particular device that might be trying to interface to their software. ANY CLUES OUT THERE?

I'm going to try the mobileIO maillist as well - seems to be more activity up there.

Thanks and happy new year... JD

Subject: Re: Seeking 2882 signal routing advice from Bias PEAK PRO Users
Posted by [bj](#) on Sat, 31 Dec 2011 03:46:57 GMT

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Hi JD,

FW 1-18 correspond to In 1-18 :

In 0 1 & 2 == FW 1 & 2

In 2 3 & 4 == FW 3 & 4

...

In 16 17 & 18 == FW 17 & 18

and

DAW 1-18 correspond to Out 1-18:

Out 0 1 & 2 == DAW 1 & 2

Out 2 3 & 4 == DAW 3 & 4

...

Out 16 17 & 18 == DAW 17 & 18

This is all discussed in the documentation for the Mobile I/O.

If you need help doing something specific, please ask the specific question.

Best regards,

B.J. Buchalter

Subject: Re: Seeking 2882 signal routing advice from Bias PEAK PRO Users
Posted by [jduesenb](#) on Sat, 31 Dec 2011 22:16:41 GMT

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Hi BJ,

First, thanks very much for responding so quickly.

I admit to not having looked as deeply as I should have into the manuals, which are very extensive and well-written, BTW. And I'm not fully acclimated to using a 100% user-configurable-from-the-ground-up mixing platform - I'm trying to start off doing very simple things. I did read the basic info about FireWire routing and thought I understood it, but I'm probably not getting something quite basic. I feel dumb, but the route to not being dumb is to ask dumb questions, so here goes.

The specific thing I'd like to do with MH2882 and Bias PEAK is to route the "mix", or sum, of all signals coming into the 2882 --> MI Console, out to any stereo pair of FW channels (Let's say FW 17/18, corresponding to Peak's "In 16 17 & 18" Inputs). Then, be able to record and/or monitor and/or process this stereo pair within Peak, and route the results back to MIO Console etc. via any stereo pair of FW outputs (again, for example Peak's "Out 16 17 & 18" corresponding to "DAW 17/18.")

I realize I could probably accomplish a lot of the above recording and processing right within MIO Console Recorder, and then just dump the resultant AIFF (or whatever format) file into Peak. But, I happen to like Peak, can work efficiently with it already, and don't want to make an intermediate soundfile unless I have to. Plus I really like some plugins available to Peak (such as Altiverb 7) in real-time. So I could put Peak to good use right away if I could accomplish the above simple routing. I also need to do a lot of mono & stereo soundfile editing and tweaking, once I've obtained or synthesized the recording I want.

Any help appreciated, or maybe you could point to a template or a Peak-experienced MH2882 user I could get on touch with... meanwhile, back to the manuals...

best -- JD

Subject: Re: Seeking 2882 signal routing advice from Bias PEAK PRO Users
Posted by [bj](#) on Sun, 01 Jan 2012 00:16:10 GMT

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So, try this:

Start from the "2882 Basic Setup" template in MIO Console.

Select the "SMPTE" and "Empty" Strips

Select the Mixer > Delete Selected Strips command from the menu bar

Select "FW 17/18" in the popup menu at the bottom of the "Main" Master Strip in the mixer

Now you have all the physical inputs and DAW 1+2 summed to FW 17+18 which is routed back to Peak (select the correct input in Peak).

Select the correct outputs in Peak for DAW 17+18.

In MIO Console Select the "Mixer > Create New Bus" command from the menu bar

- Name the bus "Peak" and leave it as a Stereo Master Bus

In MIO Console Select the "Mixer > Create Multiple Mixer Strip" command from the menu bar

- Select "Stereo" from the "Mono" popup and click the "Add" button
- Choose "DAW 17 + 18" as the input for the new strip using the popup at the top of the strip.
- Choose "Peak" as the bus assign from the popup at the bottom of the strip

Choose the physical output you want to route the "Peak" bus to in the popup at the bottom of the Peak master strip.

Now you have Peak's output routed where you want (with the ability to add MIO Plugs and do gain control on the output).

Hopefully this helps. You should definitely read through the routing chapter in the manual and also watch the tutorial videos -- it will make all of this very clear; and there are other ways to do what I have described above.

Best regards,

B.J. Buchalter
