GDR00451

Saffire MixControl 1.7

Standalone Mode and Dual Unit Operation Guide

Supported Units: Saffire PRO 24 / Saffire PRO 24 DSP / Saffire PRO 40 / Liquid Saffire 56

Dual Headphone Output Support for VRM

Supported Units: Saffire PRO 24 DSP

Note on FireWire Connection and Disconnection

The Saffire range can now be used in standalone mode, and dual-unit connection.

This means that there is an increased occurrence of connecting and disconnecting your Saffire unit.

All Saffire units adhere to the IEEE1394 (FireWire) standard, however it may be the case that the FireWire port on your computer motherboard or Firewire card does not.

Connection and Disconnection from a FireWire port that does not adhere to the IEEE1394 standard may result in permanent damage to both the Saffire and your computer.

To prevent permanent damage:

When connecting your unit(s)

Ensure that the Computer is Turned OFF
Ensure that the Saffire is Turned OFF
Connect your Saffire
Turn ON your Saffire
Turn ON your Computer
Turn ON your Monitor Speakers

When Disconnecting your unit(s)

Shut down Saffire MixControl
Turn OFF your Monitor Speakers
Turn OFF your Saffire
Disconnect your Saffire

Standalone mode

Standalone mode enables the use of a Saffire unit when not connected to the computer.

Here are some examples of Saffire standalone usage:

Standalone mixer - use in a live performance situation, or as a way to monitor studio equipment without the need to boot a computer.
Multi-channel mic preamp - use in a live performance situation, or as a way to get additional inputs and outputs to another computer interface e.g. Pro Tools hardware.
A/D and D/A Converter - use in a live performance situation, or as a way to get additional inputs and outputs to another computer interface e.g. Pro Tools hardware.
Routing Matrix - use to route signals to and from outboard and effects units.

Setup in Saffire MixControl

(With the Saffire connected to your computer) open Saffire MixControl

- If you will be connecting to any digital devices, ensure that the Saffire's sample rate and digital sync settings are correct for the connecting device(s).
- Check that Liquid Preamps are set to the correct input, emulation and harmonics. (Liquid Saffire 56 only)
- Check that any Compression, EQ, Reverb, OR VRM is set up as desired. (Saffire PRO 24 DSP only)
- Check the input switching is correct for all analogue inputs.
- If any input mixing is required, set this up in the mixer tab(s)
- Ensure that all routing (whether from a mixer tab, or a routing matrix) is correct.

To save the settings to the Saffire hardware

EITHER 'Save to hardware'
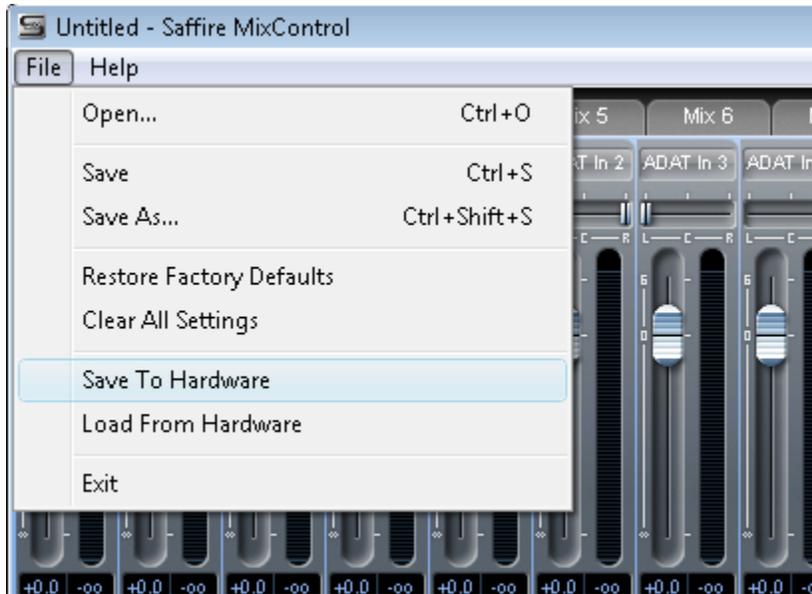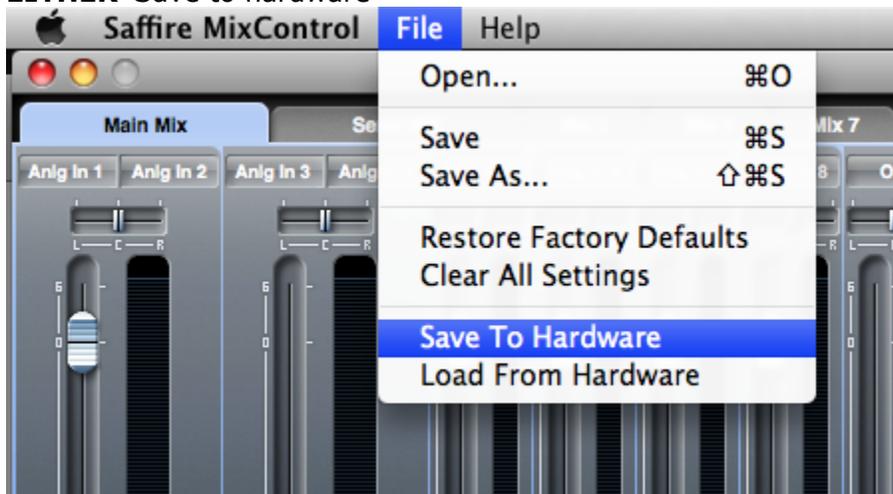
Settings are saved to hardware and also retained for Standalone Mode.

When connected to a different computer, settings can be copied to that system using 'load from hardware'.

OR Close down Saffire MixControl

Settings are retained for Standalone Mode.
When connected to a different computer, settings are no longer retained.

Now turn OFF your Saffire unit.

Then disconnect the unit.

NOTE: If any changes are made after selecting 'Save to hardware' then these will only be retained for standalone mode if Saffire MixControl is closed before disconnecting the unit.
        If you shut down your computer before shutting down Saffire MixControl, then the settings will only be saved.

Standalone Operation

Connect the power supply and turn on the Saffire.

The unit will work exactly as set up in Saffire MixControl, even after subsequent reboots. The only way to change any settings that are not available on the front panel of the unit is to reconnect the Saffire to the computer and load Saffire MixControl (as outlined above).

Dual Unit Support

It is now possible to run two Saffire interfaces connected to a single computer. This enables two devices to be connected to the same system and used as one device expanding the available Inputs and Outputs to your DAW.

Dual Device Support is limited to two devices connected to the same bus at sample rates of 48kHz or below.

The following table shows which 2 Saffire units can and cannot be used together:

	Liquid Saffire 56	Saffire PRO 40	Saffire PRO 24 DSP	Saffire
Liquid Saffire 56	NO	NO	YES	YE
Saffire PRO 40	NO	YES	YES	YE
Saffire PRO 24 DSP	YES	YES	YES	YE
Saffire PRO 24	YES	YES	YES	YE

Dual unit combinations in Green can be used together, those in Red cannot be used together.

Therefore any two Saffire PROs can be used together, apart from the Liquid Saffire 56 which can only be used with Saffire PRO 24, or Saffire PRO 24 DSP.

Getting Started - Computer Connection

Computer with a single FireWire port

Connect one Saffire to the FireWire port on the computer. Connect the second Saffire to the spare FireWire port on the first Saffire.

Note that both the Saffire PRO 24 and Saffire PRO 24 DSP have a single firewire port, so both need to be connected to a Saffire PRO 40 or Liquid Saffire 56 and will require the PSU when connected in this way.

Computer with multiple FireWire ports

Connect both Saffires directly to computer.

Note that both FireWire ports on the computer **MUST** be on the same FireWire bus. i.e. the same PCI / PCIe FireWire card.

Controlling Dual Units

Saffire MixControl allows control of two units from the same interface. One unit is displayed at a time. To switch focus between units, click on the name field.

Naming Units

Connected units can be renamed so they may be more easily distinguished in a dual device environment. Right-Click on the name field to rename the unit.
Note that the name may take a short time to update.

Master Sync Device

When dual Saffire devices are connected to one computer via FireWire, the two devices will automatically sync together with no need for any additional cable connections. However one device will be set as the Master Sync Device.

Click on the settings menu to select which unit is the Sync Master.
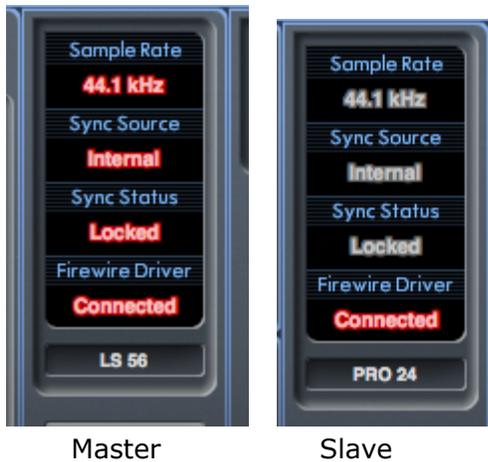
Master   Slave

Sample rate and digital sync settings can only be set when Saffire MixControl has control of the Master Sync Device. When controlling the slave device, sample rate and digital sync are greyed out.

When connecting any external digital devices, the external sync source (Word clock, ADAT or S/PDIF) must always be connected to the Master Sync Device.

If additional digital units are connected, then they must also be slaved to the device providing sync to the Master Sync Device.

If the Liquid Saffire 56 is providing the sync source, then digital units can be connected to either device

DAW Input and Output Stream Order

The input and output streams of both units will be combined into a single list when viewed from the DAW, or as seen by the operating system audio preferences when outputting sound from itunes/windows media player.

Each connected Saffire will have a (fixed) hardware ID. Inputs and Outputs from the Saffire with the lowest hardware ID will always appear first in the list.

Mac Users: Click on "About Saffire MixControl" from the 'Saffire MixControl" menu to find the hardware ID of the unit currently in focus.

Windows Users: Click on "About Saffire MixControl" from the "Help" menu to find the hardware ID of the unit currently in focus.
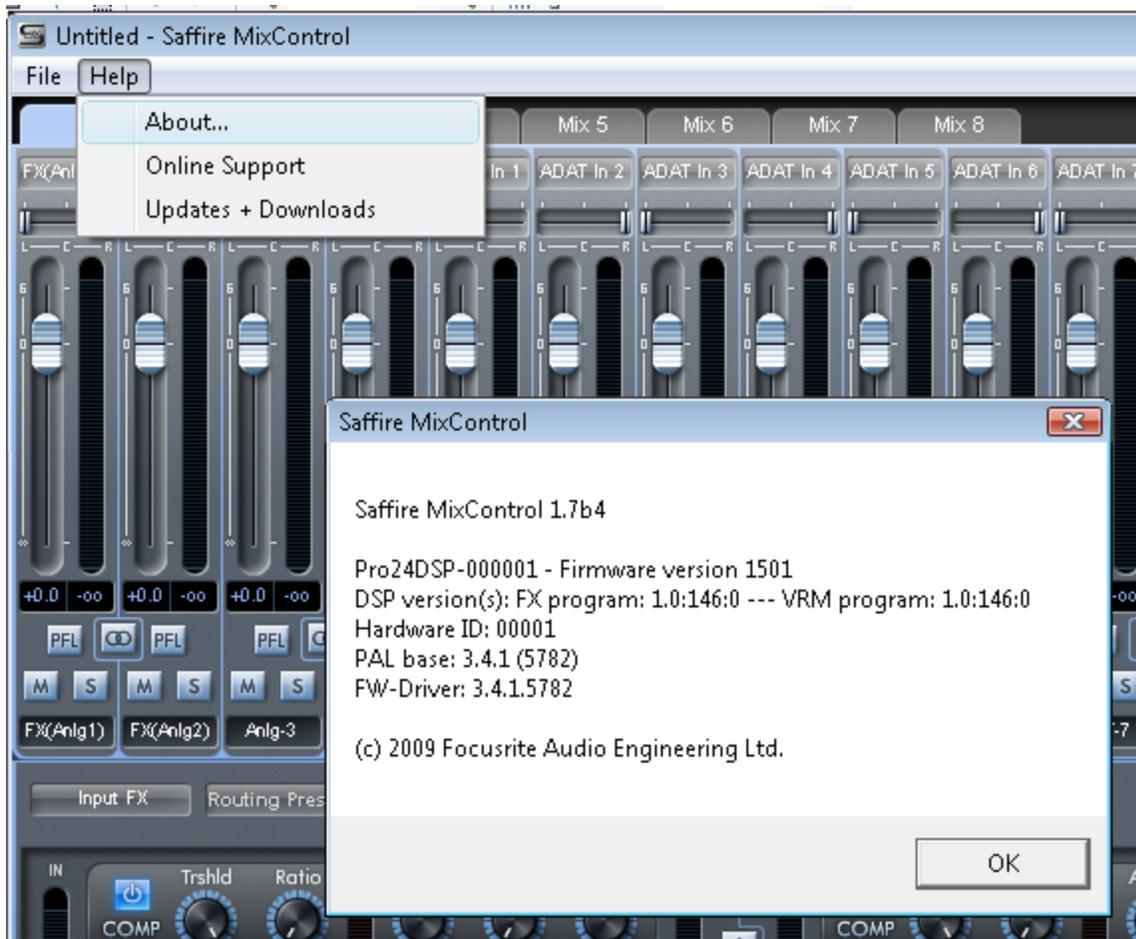
 The Look-up Tables at the end of the document show how the DAW inputs and outputs are routed to the inputs and outputs of Saffire MixControl.

DAW Routing

Audio can be routed from Saffire to Saffire using your DAWs own routing capabilities.
This allows audio processing from the DAW, but will result in audio latency due to the DAWs audio buffer.

Look-up tables for every possible Saffire combination can be found at the end of the document.

Zero Latency Audio Routing

When using a single Saffire unit, latency-free monitoring is achieved using internal routing.

Latency-free monitoring is possible when using two Saffires, however, it is not possible to create a single latency-free monitoring mix for both units using the FireWire connection alone.

The way to achieve this is to make audio connections to/from both units, and configure the MixControl software for each unit. This article outlines how to achieve this using the S/PDIF inputs and outputs, using the example of 2 Saffire PRO 40s connected to a single computer. However the set-up process is the same for any Saffire combination.

Firstly, you will need to configure your hardware as outlined in the diagram below:
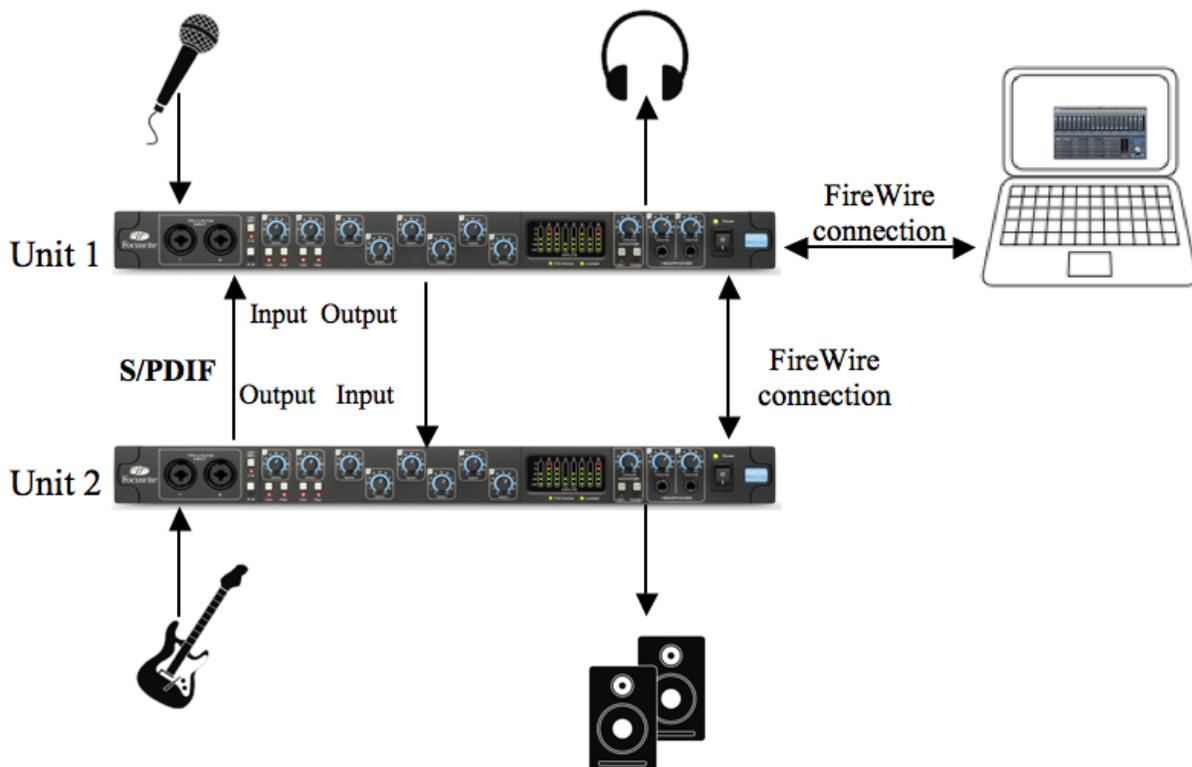
When you have connected your hardware as shown, you will then need to configure your software.

If wanting to monitor all of your inputs from the outputs of both units (as pictured above, both units will need 2 output mixes configuring)

- a MONITOR output mix (going to speakers/headphones/etc)
- a S/PDIF output mix (going to the other unit)

Unit 1 Setup

Monitor Output Mix (Unit 1)

- Open Saffire MixControl.
- Click on the first mixer tab.
- Ensure that the mixer output is stereo by clicking on the stereo button (below the meters of the output channel).
- Add the analogue inputs to the mixer, and set the required levels and panning.
- Add the SPDIF input to the mixer (this is the feed from Unit 2).
- Rename the mix to "MONITOR Mix" (or similar) by clicking on the name field (below the meters of the output channel).

This mix will be a combination of the audio that you are recording (Unit 1 inputs), and the S/PDIF output mix from Unit 2 (connected to the S/PDIF input of Unit 1), as shown below:

MONITOR Mix selected

S/PDIF Mix from Unit 2

MONITOR Mix master fader – needs to be left up

Unit 1's Audio Inputs

MONITOR Mix L and R being sent to monitor outputs
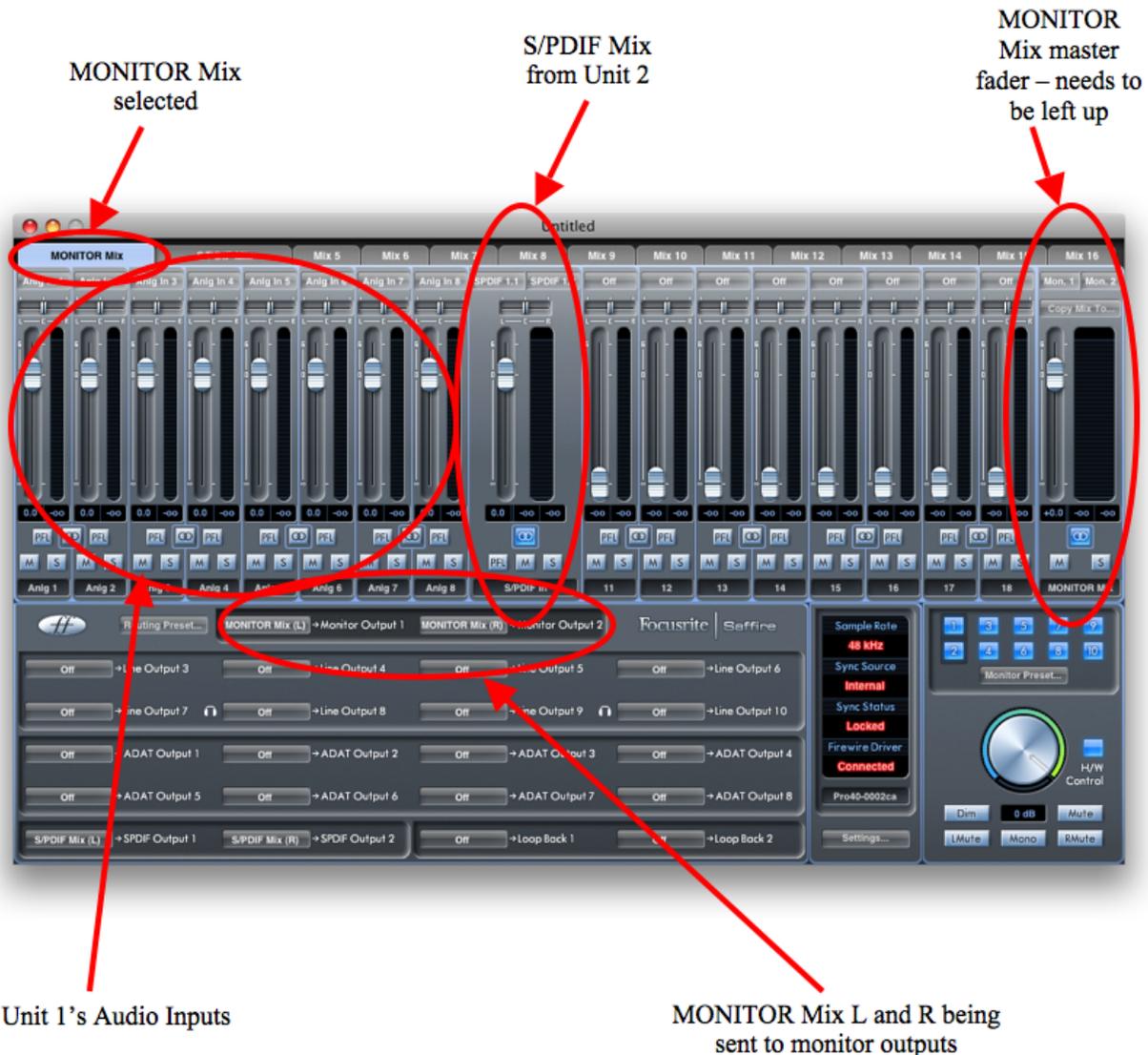
S/PDIF Output Mix (Unit 1)

- Click on the second mixer tab.
- Ensure that the mixer output is stereo by clicking on the stereo button (below the meters of the output channel).
- The input configuration will be the same as in the first mixer, set the levels and panning as required.
- The SPDIF input to the mixer should be MUTED (this prevents feedback).
- Rename the mix to "S/PDIF Mix" (or similar) by clicking on the name field (below the meters of the output channel).

The S/PDIF output Mix will just be a mix of the audio inputs on Unit 1. The S/PDIF input will be muted to avoid feedback, and the mix will be sent out of the S/PDIF output to Unit 2. The configuration is as follows:

S/PDIF Mix selected

Unit 1's Audio Inputs

S/PDIF Mix master fader – needs to be left up

S/PDIF Mix L and R being sent to Unit 2 via S/PDIF output

S/PDIF input from Unit 2 muted in S/PDIF Mix (to Unit 2) to avoid feedback loop

Unit 2 Setup

Monitor Output Mix (Unit 2)

- Switch Saffire Mix Control to the Unit 2.
- Click on the first mixer tab.
- Ensure that the mixer output is stereo by clicking on the stereo button (below the meters of the output channel).
- Add the analogue inputs to the mixer, and set the required levels and panning.
- Add the SPDIF input to the mixer (this is the feed from Unit 1).
- Rename the mix to "MONITOR Mix" (or similar) by clicking on the name field (below the meters of the output channel).

This mix will be a combination of the audio that you are recording (Unit 2 inputs), and the S/PDIF output mix from Unit 1 (connected to the S/PDIF input of Unit 2), as shown below:

MONITOR Mix selected

S/PDIF Mix from Unit 2

MONITOR Mix master fader – needs to be left up

Unit 1's Audio Inputs

MONITOR Mix L and R being sent to monitor outputs
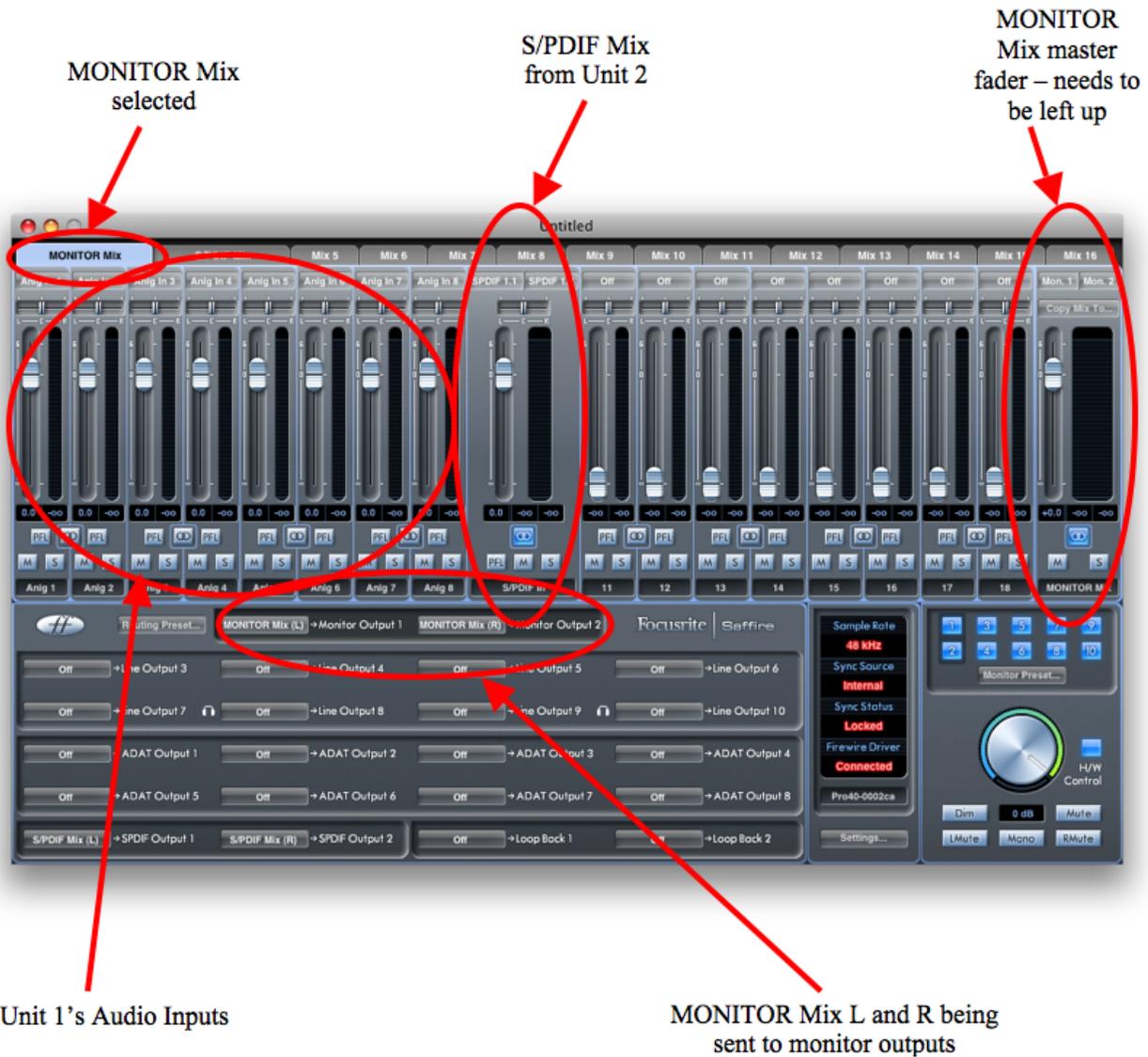
S/PDIF Output Mix (Unit 2)

- Click on the second mixer tab.
- Ensure that the mixer output is stereo by clicking on the stereo button (below the meters of the output channel).
- The input configuration will be the same as in the first mixer, set the levels and panning as required.
- The SPDIF input to the mixer should be MUTED (this prevents feedback).
- Rename the mix to "S/PDIF Mix" (or similar) by clicking on the name field (below the meters of the output channel).

The S/PDIF output Mix will just be a mix of the audio inputs on Unit 2. The S/PDIF input will be muted to avoid feedback, and the mix will be sent out of the S/PDIF output to Unit 1. The configuration is as follows:

S/PDIF Mix selected

Unit 1's Audio Inputs

S/PDIF Mix master fader – needs to be left up

S/PDIF Mix L and R being sent to Unit 2 via S/PDIF output

S/PDIF input from Unit 2 muted in S/PDIF Mix (to Unit 2) to avoid feedback loop
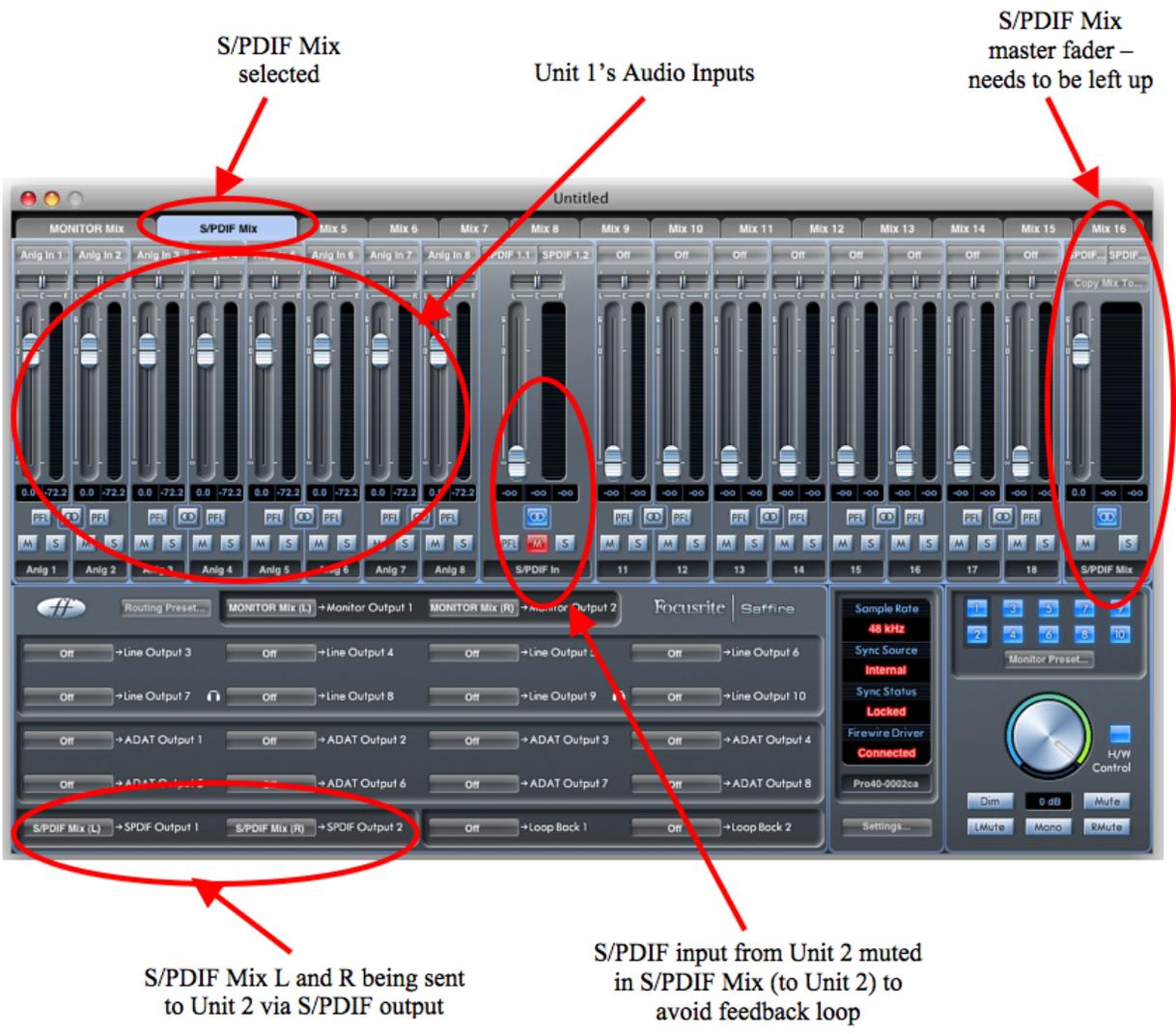
Alternative Options

- The above set-ups allow mixing and monitoring of only the analogue inputs connected to both Saffire PRO 40s. 8 channels of analogue plus 2 channels of S/PDIF use a total of 10 mixer channels. There are an additional 8 channels that can be used to mix and monitor additional signal sources - whether it be DAW outputs or ADAT inputs. Simply add these to both the MONITOR Mix and S/PDIF Mix.

- By selecting ADAT or analogue inputs/outputs rather than S/PDIF inputs/outputs, it is possible to achieve latency-free monitoring via either ADAT or the analogue inputs/outputs if desired.

- It is also possible to send individual audio channels between the units, rather than a stereo mix of inputs. This can be done by selecting individual inputs in the routing panel in the bottom left-hand corner of MixControl, rather than the Mixes created above.

Dual Unit Look-up Tables

The following tables show how the inputs and outputs of dual Saffires will appear in your DAW's I/O list.

The order in which the units appear in a DAW is as follows: Pro40; LS56; Pro24; Pro24DSP, this is always the case when using different type of unit. The tables below illustrate how the units inputs and outputs will appear.

Saffire PRO 40 + Saffire PRO 24

Unit:	Unit Input:	DAW Input:	Saffire Mix Output:	DAW Output:
Saffire PRO 40	Anlg in 1	1	DAW 1	1
	Anlg in 2	2	DAW 2	2
	Anlg in 3	3	DAW 3	3
	Anlg in 4	4	DAW 4	4
	Anlg in 5	5	DAW 5	5
	Anlg in 6	6	DAW 6	6
	Anlg in 7	7	DAW 7	7
	Anlg in 8	8	DAW 8	8
	SPDIF 1	9	DAW 9	9
	SPDIF 2	10	DAW 10	10
	ADAT in 1	11	DAW 11	11
	ADAT in 2	12	DAW 12	12
	ADAT in 3	13	DAW 13	13
	ADAT in 4	14	DAW 14	14
	ADAT in 5	15	DAW 15	15
	ADAT in 6	16	DAW 16	16
	ADAT in 7	17	DAW 17	17
	ADAT in 8	18	DAW 18	18
	Loop back 1	19	DAW 19	19
	Loop back 2	20	DAW 20	20
Saffire PRO 24	Anlg in 1	21	DAW 1	21
	Anlg in 2	22	DAW 2	22
	Anlg in 3	23	DAW 3	23
	Anlg in 4	24	DAW 4	24
	SPDIF 1	25	DAW 5	25
	SPDIF 2	26	DAW 6	26
	ADAT in 1	27	DAW 7	27

	ADAT in 2	28	DAW 8	28
	ADAT in 3	29		
	ADAT in 4	30		
	ADAT in 5	31		
	ADAT in 6	32		
	ADAT in 7	33		
	ADAT in 8	34		
	Loop back 1	35		
	Loop back 2	36		

Saffire PRO 40 + Saffire PRO 24 DSP

Unit:	Unit Input:	DAW Input:	Saffire Mix Output:	DAW Output:
Saffire PRO 40	Anlg in 1	1	DAW 1	1
	Anlg in 2	2	DAW 2	2
	Anlg in 3	3	DAW 3	3
	Anlg in 4	4	DAW 4	4
	Anlg in 5	5	DAW 5	5
	Anlg in 6	6	DAW 6	6
	Anlg in 7	7	DAW 7	7
	Anlg in 8	8	DAW 8	8
	SPDIF 1	9	DAW 9	9
	SPDIF 2	10	DAW 10	10
	ADAT in 1	11	DAW 11	11
	ADAT in 2	12	DAW 12	12
	ADAT in 3	13	DAW 13	13
	ADAT in 4	14	DAW 14	14
	ADAT in 5	15	DAW 15	15
	ADAT in 6	16	DAW 16	16
	ADAT in 7	17	DAW 17	17
	ADAT in 8	18	DAW 18	18
	Loop back 1	19	DAW 19	19
	Loop back 2	20	DAW 20	20
Saffire PRO 24 DSP	Anlg in 1	21	DAW 1	21
	Anlg in 2	22	DAW 2	22
	Anlg in 3	23	DAW 3	23
	Anlg in 4	24	DAW 4	24
	SPDIF 1	25	DAW 5	25
	SPDIF 2	26	DAW 6	26
	ADAT in 1	27	DAW 7	27
	ADAT in 2	28	DAW 8	28
	ADAT in 3	29		
	ADAT in 4	30		
	ADAT in 5	31		
	ADAT in 6	32		
	ADAT in 7	33		
	ADAT in 8	34		
	Loop back 1	35		
	Loop back 2	36		

Liquid Saffire 56 + Saffire PRO 24

Unit:	Unit Input:	DAW Input:	Saffire Mix Output:	DAW Output:
Liquid Saffire 56	Anlg in 1	1	DAW 1	1
	Anlg in 2	2	DAW 2	2
	Anlg in 3	3	DAW 3	3
	Anlg in 4	4	DAW 4	4
	Anlg in 5	5	DAW 5	5
	Anlg in 6	6	DAW 6	6
	Anlg in 7	7	DAW 7	7
	Anlg in 8	8	DAW 8	8
	SPDIF 1	9	DAW 9	9
	SPDIF 2	10	DAW 10	10
	ADAT 1 in 1	11	DAW 11	11
	ADAT 1 in 2	12	DAW 12	12
	ADAT 1 in 3	13	DAW 13	13
	ADAT 1 in 4	14	DAW 14	14
	ADAT 1 in 5	15	DAW 15	15
	ADAT 1 in 6	16	DAW 16	16
	ADAT 1 in 7	17	DAW 17	17
	ADAT 1 in 8	18	DAW 18	18
	ADAT 2 in 1	19	DAW 19	19
	ADAT 2 in 2	20	DAW 20	20
	ADAT 2 in 3	21	DAW 21	21
	ADAT 2 in 4	22	DAW 22	22
	ADAT 2 in 5	23	DAW 23	23
	ADAT 2 in 6	24	DAW 24	24
	ADAT 2 in 7	25	DAW 25	25
	ADAT 2 in 8	26	DAW 26	26
	Loop back 1	27	DAW 27	27
	Loop back 2	28	DAW 28	28
Saffire PRO 24	Anlg in 1	29	DAW 1	29
	Anlg in 2	30	DAW 2	30
	Anlg in 3	31	DAW 3	31
	Anlg in 4	32	DAW 4	32
	SPDIF 1	33	DAW 5	33
	SPDIF 2	34	DAW 6	34
	ADAT in 1	35	DAW 7	35
	ADAT in 2	36	DAW 8	36
	ADAT in 3	37		

	ADAT in 4	38		
	ADAT in 5	39		
	ADAT in 6	40		
	ADAT in 7	41		
	ADAT in 8	42		
	Loop back 1	43		
	Loop back 2	44		

Liquid Saffire 56 + Saffire Pro 24 DSP

Unit:	Unit Input:	DAW Input:	Saffire Mix Output:	DAW Output:
Liquid Saffire 56	Anlg in 1	1	DAW 1	1
	Anlg in 2	2	DAW 2	2
	Anlg in 3	3	DAW 3	3
	Anlg in 4	4	DAW 4	4
	Anlg in 5	5	DAW 5	5
	Anlg in 6	6	DAW 6	6
	Anlg in 7	7	DAW 7	7
	Anlg in 8	8	DAW 8	8
	SPDIF 1	9	DAW 9	9
	SPDIF 2	10	DAW 10	10
	ADAT 1 in 1	11	DAW 11	11
	ADAT 1 in 2	12	DAW 12	12
	ADAT 1 in 3	13	DAW 13	13
	ADAT 1 in 4	14	DAW 14	14
	ADAT 1 in 5	15	DAW 15	15
	ADAT 1 in 6	16	DAW 16	16
	ADAT 1 in 7	17	DAW 17	17
	ADAT 1 in 8	18	DAW 18	18
	ADAT 2 in 1	19	DAW 19	19
	ADAT 2 in 2	20	DAW 20	20
	ADAT 2 in 3	21	DAW 21	21
	ADAT 2 in 4	22	DAW 22	22
	ADAT 2 in 5	23	DAW 23	23
	ADAT 2 in 6	24	DAW 24	24
	ADAT 2 in 7	25	DAW 25	25
	ADAT 2 in 8	26	DAW 26	26
	Loop back 1	27	DAW 27	27
	Loop back 2	28	DAW 28	28
Saffire Pro 24 DSP	Anlg in 1	29	DAW 1	29
	Anlg in 2	30	DAW 2	30
	Anlg in 3	31	DAW 3	31
	Anlg in 4	32	DAW 4	32
	SPDIF 1	33	DAW 5	33
	SPDIF 2	34	DAW 6	34
	ADAT in 1	35	DAW 7	35
	ADAT in 2	36	DAW 8	36
	ADAT in 3	37		

	ADAT in 4	38		
	ADAT in 5	39		
	ADAT in 6	40		
	ADAT in 7	41		
	ADAT in 8	42		
	Loop back 1	43		
	Loop back 2	44		

Saffire PRO 24 + Saffire PRO 24 DSP

Unit:	Unit Input:	DAW Input:	Saffire Mix Output:	DAW Output:
Saffire PRO 24	Anlg in 1	1	DAW 1	1
	Anlg in 2	2	DAW 2	2
	Anlg in 3	3	DAW 3	3
	Anlg in 4	4	DAW 4	4
	SPDIF 1	5	DAW 5	5
	SPDIF 2	6	DAW 6	6
	ADAT in 1	7	DAW 7	7
	ADAT in 2	8	DAW 8	8
	ADAT in 3	9		
	ADAT in 4	10		
	ADAT in 5	11		
	ADAT in 6	12		
	ADAT in 7	13		
	ADAT in 8	14		
	Loop back 1	15		
	Loop back 2	16		
Saffire PRO 24 DSP	Anlg in 1	17	DAW 1	9
	Anlg in 2	18	DAW 2	10
	Anlg in 3	19	DAW 3	11
	Anlg in 4	20	DAW 4	12
	SPDIF 1	21	DAW 5	13
	SPDIF 2	22	DAW 6	14
	ADAT in 1	23	DAW 7	15
	ADAT in 2	24	DAW 8	16
	ADAT in 3	25		
	ADAT in 4	26		
	ADAT in 5	27		
	ADAT in 6	28		
	ADAT in 7	29		
	ADAT in 8	30		
	Loop back 1	31		
	Loop back 2	32		

If two units of the same type are used, the unit with the lowest unit ID will always appear first in the list, the tables below illustrate how the units inputs and outputs will appear.

Saffire PRO 40 + Saffire PRO 40

Unit:	Unit Input:	DAW Input:	Saffire Mix Output:	DAW Output:
Saffire PRO 40	Anlg in 1	1	DAW 1	1
(Lower ID)	Anlg in 2	2	DAW 2	2
	Anlg in 3	3	DAW 3	3
	Anlg in 4	4	DAW 4	4
	Anlg in 5	5	DAW 5	5
	Anlg in 6	6	DAW 6	6
	Anlg in 7	7	DAW 7	7
	Anlg in 8	8	DAW 8	8
	SPDIF 1	9	DAW 9	9
	SPDIF 2	10	DAW 10	10
	ADAT in 1	11	DAW 11	11
	ADAT in 2	12	DAW 12	12
	ADAT in 3	13	DAW 13	13
	ADAT in 4	14	DAW 14	14
	ADAT in 5	15	DAW 15	15
	ADAT in 6	16	DAW 16	16
	ADAT in 7	17	DAW 17	17
	ADAT in 8	18	DAW 18	18
	Loop back 1	19	DAW 19	19
	Loop back 2	20	DAW 20	20
Saffire PRO 40	Anlg in 1	21	DAW 1	21
(Higer ID)	Anlg in 2	22	DAW 2	22
	Anlg in 3	23	DAW 3	23
	Anlg in 4	24	DAW 4	24
	Anlg in 5	25	DAW 5	25
	Anlg in 6	26	DAW 6	26
	Anlg in 7	27	DAW 7	27
	Anlg in 8	28	DAW 8	28
	SPDIF 1	29	DAW 9	29
	SPDIF 2	30	DAW 10	30
	ADAT in 1	31	DAW 11	31
	ADAT in 2	32	DAW 12	32
	ADAT in 3	33	DAW 13	33
	ADAT in 4	34	DAW 14	34

	ADAT in 5	35	DAW 15	35
	ADAT in 6	36	DAW 16	36
	ADAT in 7	37	DAW 17	37
	ADAT in 8	38	DAW 18	38
	Loop back 1	39	DAW 19	39
	Loop back 2	40	DAW 20	40

Saffire PRO 24 + Saffire PRO 24

Unit:	Input:	DAW Input:	Saffire Mix Output:	DAW Output:
Saffire PRO 24	Anlg in 1	1	DAW 1	1
(Lower ID)	Anlg in 2	2	DAW 2	2
	Anlg in 3	3	DAW 3	3
	Anlg in 4	4	DAW 4	4
	SPDIF 1	5	DAW 5	5
	SPDIF 2	6	DAW 6	6
	ADAT in 1	7	DAW 7	7
	ADAT in 2	8	DAW 8	8
	ADAT in 3	9		
	ADAT in 4	10		
	ADAT in 5	11		
	ADAT in 6	12		
	ADAT in 7	13		
	ADAT in 8	14		
	Loop back 1	15		
	Loop back 2	16		
Saffire PRO 24	Anlg in 1	17	DAW 1	9
(Higher ID)	Anlg in 2	18	DAW 2	10
	Anlg in 3	19	DAW 3	11
	Anlg in 4	20	DAW 4	12
	SPDIF 1	21	DAW 5	13
	SPDIF 2	22	DAW 6	14
	ADAT in 1	23	DAW 7	15
	ADAT in 2	24	DAW 8	16
	ADAT in 3	25		
	ADAT in 4	26		
	ADAT in 5	27		
	ADAT in 6	28		
	ADAT in 7	29		
	ADAT in 8	30		
	Loop back 1	31		
	Loop back 2	32		

Saffire PRO 24 DSP + Saffire PRO 24 DSP

Unit:	Input:	DAW Input:	Saffire Mix Output:	DAW Output:
Saffire PRO 24 DSP	Anlg in 1	1	DAW 1	1
(Lower ID)	Anlg in 2	2	DAW 2	2
	Anlg in 3	3	DAW 3	3
	Anlg in 4	4	DAW 4	4
	SPDIF 1	5	DAW 5	5
	SPDIF 2	6	DAW 6	6
	ADAT in 1	7	DAW 7	7
	ADAT in 2	8	DAW 8	8
	ADAT in 3	9		
	ADAT in 4	10		
	ADAT in 5	11		
	ADAT in 6	12		
	ADAT in 7	13		
	ADAT in 8	14		
	Loop back 1	15		
	Loop back 2	16		
Saffire PRO 24 DSP	Anlg in 1	17	DAW 1	9
(Higher ID)	Anlg in 2	18	DAW 2	10
	Anlg in 3	19	DAW 3	11
	Anlg in 4	20	DAW 4	12
	SPDIF 1	21	DAW 5	13
	SPDIF 2	22	DAW 6	14
	ADAT in 1	23	DAW 7	15
	ADAT in 2	24	DAW 8	16
	ADAT in 3	25		
	ADAT in 4	26		
	ADAT in 5	27		
	ADAT in 6	28		
	ADAT in 7	29		
	ADAT in 8	30		
	Loop back 1	31		
	Loop back 2	32		

VRM Dual Headphone Output Support - Saffire PRO 24 DSP

It is now possible to monitor VRM through both headphone outputs on the Saffire PRO 24 DSP thus allowing 2 users to experience Virtual Reference Monitoring simultaneously.

Click on the Headphone icon to activate VRM outputs on the second headphone output.

Note: The same audio stream sent to Headphone Output 1 is sent to Line Outputs 3 and 4.
        The same audio stream sent to Headphone Output 2 is sent to Line Outputs 5 and 6.

Therefore audio processed by VRM will also be sent to these line outputs. You should make sure that VRM / VRM Dual Headphone switch is disabled when using Line outputs 3+4 / 5+6.