Pro Tools - Focusrite RED4Pre Surround Sound setup CMB 4.112A and CMB 4.112B

Make sure HDMI box is set to MULTI at all times

It is located in the ISO box



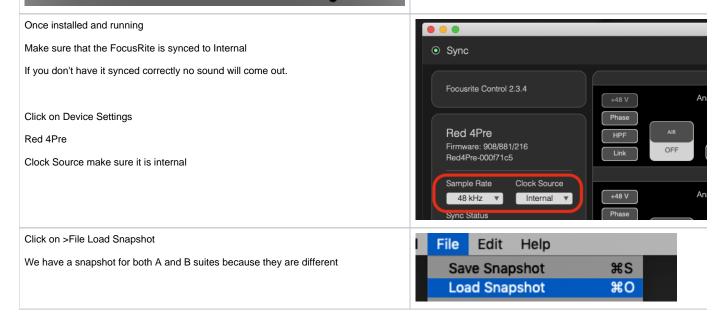
วเ	Foc	usrite Cor	trol ible

Open Focusrite Control if you haven't already Note if installing on a new computer you might have to play with th you allow access

Trick is to log in as admin and re-install making sure that you allow

No Hardware Connected

For No Hardware Connected on macOS- click here. document is also saved on software in the Focusrite folder



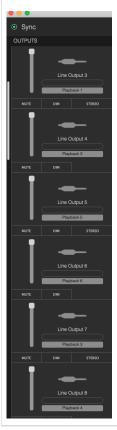
Go to >Tempstorage>

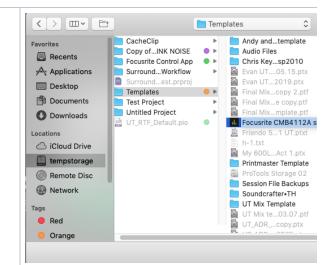
Focusrite Control Snapshots : NOTE THERE IS A DIFFERENT ONE FOR 4.112A and 4.112B

Click Open

Note in case it's lost here are the settings for

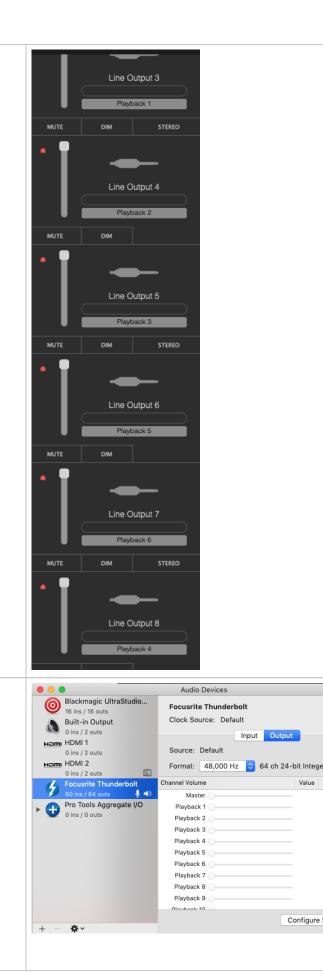
outputs 3-8 for Suite A





Note in case it's lost here are the settings for

outputs 3-8 for Suite B



Value

Open audio midi setup



Choose >Focusrite Thunderbolt

Configure Speakers	Configure Speakers
Choose Configuration 5.1 Surround	Au
>Focusrite Thunderbolt and 5.1 surround config	2 ins / 0 outs Built-in Output 0 ins / 2 outs Configuration: 5.1 Surround
Each speaker output should send a signal to this cable	Focusrite Thunderbolt 60 ins / 64 outs Sub-woofer Pro Tools Aggregate I/O 2 ins / 2 outs Sub-woofer Playback 4 0 Left front Playback 1 0
	Left surround Playback 5 © For each speaker, choose the o To test the connection
Choose Apply and >Done	Done Apply
This is how to connect your IPAD skip this part if you don't want to connect an IPAD and the Dock	Wi-Fi: On Turn Wi-Fi Off
If the Wi-Fi of the computer is already ON, turn the Wi-Fi OFF	attwifi
Turn the computer Wi-Fi ON	Wi-Fi: Off Turn Wi-Fi On

Go to the WiFi Icon and choose > Create Network	Image: Second state state Wed 3:22 PM Q Wi-Fi: Looking for Networks Turn Wi-Fi Off attwifi klru-3rd-floor klru-unifi Image: Additional state utexas Image: Additional state utexas Image: Additional state Join Other Network Create Network Open Network Preferences
The default settings (for the Network Name and Channel ID) are fine.	
Click "Create"	Create a computer-to-computer-
Confirm that you are connected to the network that you just created	S 🔳 :
	Wi-Fi: On Turn Wi-Fi Off
	attwifi klru-3rd-floor klru-unifi utexas utexas-wifi-help Device ✓ COMM852988-CMB1122B-EDIT-PT5 Disconnect from COMM852988-CMB1122B-EDIT Join Other Network
	Create Network Open Network Preferences

Put your iPad on the ProTools Dock or use the one that is already there.

TURN IT ON OR -Wake it up by pressing the "Home" key

For more information about using the Dock please refer to the manual:

ProTools Dock (for Apple iPad)

You can also view a YouTube video which walks you through the functionality of the Dock and the App:

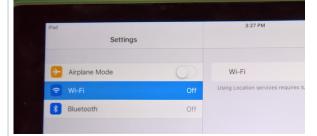
YouTube Video - ProTools Dock Walkthrough

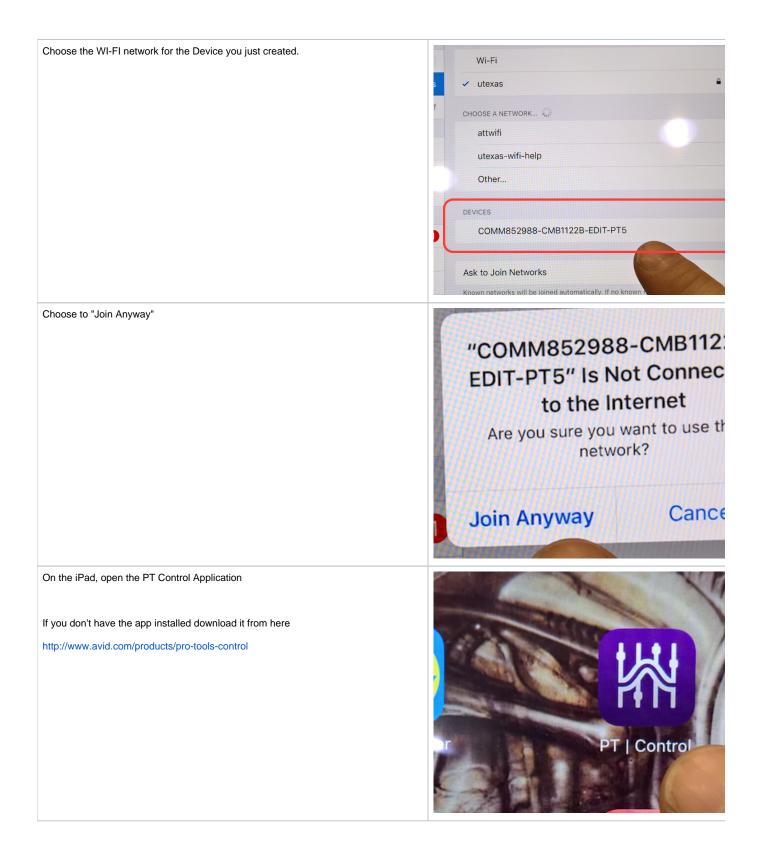
Go to Settings





Enable Wi-Fi

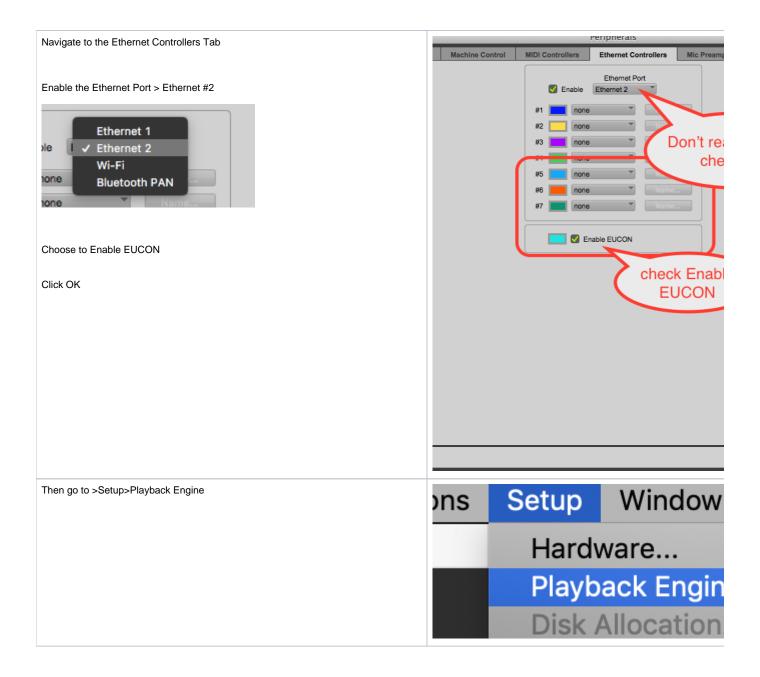




This Step will setup the S3 Console	• • •
On the computer, launch the EuControl application.	
Applications>Euphonix>EuControl Please be patient while launching - it may take a couple of minutes for the application to launch properly.	Favorites Image: DVD Player Image: Optimized in the image: DVD Studio Pro Image: DVD Studio Pro Image: All My Files Image: DVD Studio Pro Image: All My Files Image: DVD Studio Pro Image: Disktop Image: Disktop Image: Documents Image: Disktop Image: Disktop Image: Disktop
Once the application is running, go to > Window > EuControl Settings	Window Help
	Minimize 第M Close 第W Zoom EuControl Settings 第1 Bring All to Front
The Surfaces Tab should list 3 devices:	EuControl Settings
The Surfaces Tab should list 3 devices: AVID S3	EuControl Settings Surfaces Workstations General Preferences Assi

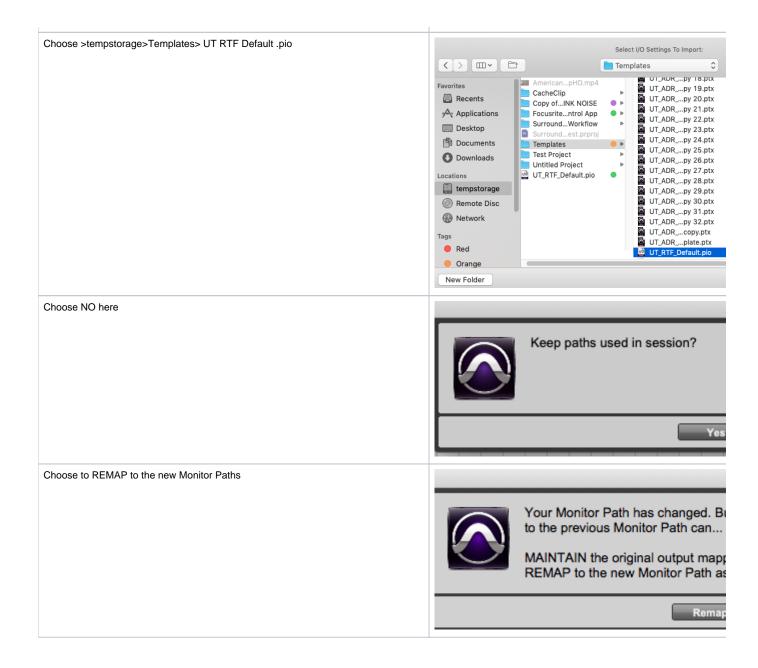
The Workstations Tab should list the computer that is connected	e o o EuControl Settings		
	Surfaces Workstations General Preferences Assign		
	All Workstations My Worksta Workstation Workstation COMM852988-CMB4122-PROTOOLSHD COMM852		
	Add to Remove		
	Redirect keyboard and mouse control to attached external workstat		
The Next Steps Will Setup ProTools Surround Sound and finish connection to the S3 and IPad Dock			
Open ProTools > Create Session or Open existing session	Pro Tools Version: 11.1.3.325		
ProTools will ask you where the Waves Plugins are. Go to Applications > Waves > Plugins V9	Select Waves 9.3 Plug-Ins folder		
	Please locate Waves 9.3 Plug-Ins folder		
Click Open	FAVORITES Name All My Files Applications		

Choose Create Blank Session and or Open an existing session	Dashboard
If creating a blank session,	CREATE Name: This is my Surround Sound
Choose - Create Name the session - Local Storage	Collaboration and Cloud Backup (Projection)
BWF (.WAV) Audio File Type 24 Bit Depth 48kHz Sample Rate Last Used I/O Settings LOCATION (press the location button) CHOOSE one of the ProTools HARD DRIVEs VERY IMPORTANT - you know where you saved your	PROJECTS Create From Template Template Group: Music Image: Stream of the stream of
Session !!! click Create to create your session	File Type: BWF (.WAV) Bit Depth: 24-bit Interleaved Interleaved Prompt for location Volumes/ProTools St Show on startup Open from
Go to > Setup > Peripherals	SetupWindowMHardwarePlayback EngineDisk AllocationPeripheralsI/O



Set to Focusrite Thunderbolt	Playback Engine
	Playback Engine: Focusrite Thunderbolt
	Settings
	H/W Buffer Size: 256 Samples
	Host Engine: 🛃 Ignore Errors During (may cause clicks a
	Minimize Addition
	Video Engine: 🗌 Enable
	Disk Playback Cache Size: Normal Lower values for the disk buffer reduce memory usage. Higher val
Then Import the surround sound template for the input and the output	
	ons Setup Window
	Hardware
	Playback Engine.
	und S Disk Allocation
	8181 Peripherals
	I/O
) UT
Choose	
Import Settings	

00			
Input	Output	Bus	Inser
St	now Last Sa	ved Setup	
	Na	me	
	Main		l
Nev	v Path		
	Sub-Path	1	
	ete Path		
	efault		
	Default Form		
	Path Orde	er: Stereo ·	L R,
		_	
Expor	rt Settings		port Se



Then Click OK Here	©	O Setup
	Input Output Bus Insert Mic Preamps H/W	/ Insert Delay
	Show Last Saved Setup	A - HD OMNI #1 Analog (
		4 5-6 7-8 LFE Ls Rs
	New Path New Path Default Default Default Export Settings Import Settings Restore from	Session Apply t
Next Import the video into the project	Bounce to	
		ssion Data
Choose Import Video	Export	
	Au	dio Dl
		deo
	Score Setup Cli Print Score %P	p Groups
		NUE Channel
Navigate to the video file that you want to view in the ProTools session	COMM859375-CM	Pro
		Re Re
	🔛 tempstorage	tes 📄
	Remote Disc	📄 tes
		TH
	SHARED	📄 Th

Choose New Track	
Import Audio	Video Import Options
Click OK	Destination Main Video Track New Track Clip List
	Location: Session Start
	Gaps between clips: 0 second
	Mart audio from file
	Remove existing video tracks
	Remove existing video clips
	Clear destination video track playlist
	Cancel
Choose to import at Session Start	Video Import Options
	Location: Session Start
	Mart Audio from File
	Cancel OK

Choose to enable the Video Engine Click Yes	The Video Engine must be enable video. Would you like to enable i
If you would like to use the audio of the video file choose to save it to the default Audio Drive folder Click OK when prompted	Open Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destination folder on a valid audio drive: Image: Choose destin folder drive: Ima
Video Engine will launch and you should be able to see the image on the projector automatically	New Folder Waiting for the Video Engine to launch Pink@ -16 dBu ref.Rs.wav

