ProTools - Video and Audio Monitoring Setup in CMB Grad Suite Edit Labs -

Audio will play through the speakers out of ProTools but must follow these steps

Unplug the thunderbolt cable to Black Magic Design Thunderbolt Shuttle

RESTART THE COMPUTER

Plug in the thunderbolt cable

Blackmagic Shuttle is connected via the Thunderbolt cable to the computer.

Make sure the Headphones are plugged into headphone jack on Mac Pro



Use the TV Remote>

Turn on the Monitor and make sure you select the HDMI input

Select the Aux Input and

Turn up the volume.

Make sure Speaker A is also lit up

This Aux Input will also boost audio

Make sure that the Aux button is not pushed in CUZ that'll make the audio not work









When Pro I ools opens click "Cancel" on the Quick Start Dialog. We do not want to open a session yet.		
Need to set up the routing and Playback Engine first.		
	CREATE	Type: Session
		Name: Untitled
	RECENT	
	PROJECTS	Template Group:
		Blues
		Drum
		Dubst
		Electro
		TOPLATE
		Funk
		File Type: BWF (.WA
		Bit Depth: 24-bit
		Interleaved
		Prompt for location
		Location /
	Show on startup	
Go To Setup > Playback Engine		
	Setup	Window
	Hardware	
	Dick	
	DISK	Allocation

On the Playback Engine Drop Down choose Blackmagic UltraStudio or Thunderbolt	Playl
Change the HW Buffer to 1024 Samples	Device
Click OK	Playback Engine: Blackmagic U
	Settings HAW Buffer Size: 1024 Samples
	Video Engine: V Enable
	Optimizations Ignore Erro May cause Minim ✓ Dynamic F Plug-ins or ✓ Optimize F Certain plu Limit Numi Reduces or
	Disk Playback Cache Size: Normal Lower values r performance.
Now go to Input and Output setup Go to >Setup>I/O	Setup Window Hardware Playback Engine. Disk Allocation Peripherals I/O

Click "Defautl" on the I/O setup	••
	Input Output Bus Insert Mic Preamps H/W Ins
Then Click OK	Show Last Saved Setup Format 1 2 3 4 ✓ Out 1-2 Istereo L R ✓ Out 3-4 Istereo L R ✓ Out 3-4 Stereo L R ✓ Out 3-6 Stereo L R ✓ Out 7-8 Stereo L R ✓ Out 9-10 Stereo L R ✓ Out 1-1/2 Stereo L R ✓ Out 15-16 Stereo L L R
	New Path New Sub-Path Delete Path Default Format: Stereo Path Order: Stereo - L R, Export Settings Export Settings Restore from Set
Now that the routing and hardware is set up open the ProTools session if you have one created already or make a new session.	File Edit View
	New Session
	Open Session
	Open Besent
Navigate to the session and open it or create a new session	
	Open
	Choose a session:
	Name
	Name Assignment 1_Audio File
	Name Assignment 1_Audio File Bounced Files S ProToolsSession 012
	Name Assignment 1_Audio File Bounced Files Session File Backups
	Name Assignment 1_Audio File Bounced Files BS_ProToolsSession_012 BSession File Backups WaveCache.wfm
	Name Assignment 1_Audio File Bounced Files BS_ProToolsSession_012 Session File Backups WaveCache.wfm
	Name Assignment 1_Audio File Bounced Files BS_ProToolsSession_012 Session File Backups WaveCache.wfm
	Name Assignment 1_Audio File Bounced Files BS_ProToolsSession_012 Session File Backups WaveCache.wfm
	Name Assignment 1_Audio File Bounced Files BS_ProToolsSession_012 Session File Backups WaveCache.wfm
	Name Assignment 1_Audio File Bounced Files Session File Backups WaveCache.wfm
	Name Assignment 1_Audio File Bounced Files BS_ProToolsSession_012 Session File Backups WaveCache.wfm

To create a new Protools session		
Type - Session		
Name - (session name)	CREATE	Type: Session
File TypeWAV	N	ame: My ProTo
Bit Depth: - 24 bit	RECENT	
Sample Rate: - 48kHz	PROJECTS	Create From Ten
I/O last used		
		Blues
Location - set to your hard drive NOT THE DESKTOP!!!!		Drum
		Dubet
		Electr
		Funk
		1220AL
	Fil	e Type: BWF (.W/
	Bi	t Depth: 24-bit
		Interleaved
	C	Prompt for locatio
		Location
	Show on startin	
Next Import the video into the project	Bounce to	
Choose Import Video	Import	Ses
	Export	Auc
	Get Info	MIE
	Score Setup Print Score	Step Clip
	Print Score	VEN
Navigate to the video file that you want to view in the ProTools session	P & T Folder	
	Сомм859	9375-CN
	Macintack	UD
	Macintosi	THU
	🔛 tempstor	age
	💿 Remote D	isc
	SHADED.	
	SHAKED	

Choose to import at Session Start		Video Impo Location: Session St Import Audio fr Cancel
Choose to enable the Video Engine Click Yes here		The Video Envideo. Would
If you would like to use the audio off the video file choose to sav	re it to the default Audio Drive folder	Choose destination fold Choose destination fold Choose destination fold Choose destination fold Choose destination fold Audio Files FAVORITES Audio Files FAVORITES Audio Files Files Files Files ComM859375-CM Macintosh HD Cure Lock Files ComM859375-CM Macintosh HD Cure Lock Files Cure Lock Files Cure Lock Files Files Cure Lock Files Files Macintosh HD Cure Lock Files F
Last step is to open up the Input and Output view in ProTools Go to > View>Edit Window Views> I/O >	Mix Window Views ► Narrow Mix C#M Edit Window Views ► Rulers ► Other Displays ► Instruments Inserts A-E Waveforms ► Expanded Sends ► Sends F-L Sends F-L Waveforms ► Vack Number ✓ VO	

Choose the video resolution of the file from the choices. most common	Probably best to choose a 1920x1080 that is the	720x486 (NTSC)
		720x576 (PAL) hardwa
		960x720 (HD TR) hard
		1280x720 (HD)
		1280x1080 (HD TR) ha
		1440x1080 (HD TR) ha
		1920x1080 (HD)
		1998x1080 (2k - DCI F
		2048x858 (2k - DCI S
		2048x1080 (2k - DCI I
		2048x1152 (2k) hardw
		2048x1536 (2k) hardv
		2048x1556 (2k - Full /
		3840x2160 (UHD)
		3996x2160 (4k - DCI I
		4096x1716 (4k - DCI 5
		4096x2160 (4k - DCI
		4096x3112 (4k - Full A
		✓ 720x496 hardware n/a
Make sure all the audio outputs are routed to the Built In	Line Output 1-2 Stereo Mac Pros or Out 1-2	
Stereo Built In Output 1-2 IMacs		Q OutofthePast 1
Then you should see image on the TV and hear audio the	e speakers	
		waveform V
		a dyn read tra

If you do not see image on the Externa Monitors redo the entire rebooting process again and make sure you unplug the thunderbolt cable and power cycle the Black Magic Intensity. It should fix it.