ProTools – HD Suites Surround 5.1 Session Guide with the S3 Console & the PT Control Dock

*The purpose of this guide is to setup your control surfaces for mixing with ProTools. Once the peripherals are setup, the guide will walk you through creating a blank session for 6 channel (5.1) surround sound mixing.

| If the Wi-Fi of the computer is already ON, turn the Wi-Fi OFF |
| Turn the computer Wi-Fi ON |
| Go to the WiFi Icon and choose > Create Network |

| Wi-Fi: Off |
| Turn Wi-Fi On |

The default settings (for the Network Name and Channel ID) are fine.

Click "Create"
Confirm that you are connected to the network that you just created.

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

Choose the Wi-Fi network for the device you just created.

Choose to "Join Anyway"
On the iPad, open the PT Control Application

If you don't have the app installed download it from here
http://www.avid.com/products/pro-tools-control

PRO TOOLS 5 CMB 1.122
Make sure the room is not muted on the Xilica Remote
Also press the 5.1 83db SMPTE X-Curve button to make the room 83db

PRO TOOLS 4 CMB 1.1108A
Check that the Mute Button is OFF press #1 button
Make sure the Fixed 80db butt is pressed to make the room 80db
Press button #2.
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.

Once the application is running, go to > Window > EuControl Settings

The Surfaces Tab should list 3 devices:
AVID S3
PT Dock
Your iPad PT Control App

It should look similar to the picture on the right.
The Workstations Tab should list the computer that is connected.

Open ProTools > Create Session or Open existing session.

ProTools will ask you where the Waves Plugins are. Go to Applications > Waves > Plugins V9.

Click Open.
Choose Create Blank Session and or Open an existing session.

If creating a blank session,
Choose - Create
Name the session - Local Storage

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 session !!!

click Create to create your session

If you get this click OK

The SYNC Clock Reference is not locked. Although the system will still play, it will not properly resolve until the clock is restored. Check your cables or change the Clock Reference or Clock Source.
Then go to >Setup>Sessions

Go to “Clock Source” and choose SYNC HD

This Message should pop up. Click OK

Go to > Setup > Peripherals
<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navigate to the Ethernet Controllers Tab</td>
<td></td>
</tr>
<tr>
<td>Enable the Ethernet Port &gt; Ethernet #2</td>
<td></td>
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<tr>
<td>Choose to Enable EUCON</td>
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<tr>
<td>Click OK</td>
<td></td>
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<tr>
<td>If you would like to import a .aaf file use this workflow wiki.</td>
<td><a href="https://wikis.utexas.edu/display/comm/ProTools+-+Open+a+.aaf+or+.omf+and+Quicktime+in+ProTools">Link</a></td>
</tr>
<tr>
<td>Title the session and choose a destination to save the session.</td>
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</tr>
<tr>
<td>DO NOT USE THE DESKTOP TO SAVE!!!</td>
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</tr>
<tr>
<td>CLICK Save</td>
<td></td>
</tr>
<tr>
<td>Next go to &gt; Setup &gt; Playback Engine</td>
<td></td>
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</tbody>
</table>
Choose HDX

H/W Buffer Size: 256 Samples

Number of Voices: 256

Disk Playback Cache Size: Normal

Click OK

**PowerTip:** If you encounter buffer errors (ProTools keeps stopping during playback,) you can change the H/W Buffer Size and Disk Playback Cache Size of the Playback Engine to dedicate more computer resources for the playback process.

Next go to > Setup > Hardware

Go to Main Tab

Input should be set to Analog 1-2

Can change this to whatever you have plugged into the snake

Output should be set to Analog 1-2

Analog 3-4

Analog 5-6

Analog 7-8
Analog In Tab should be set to this

Make sure the TRS Mirrors is set to Analog Out 1-2

Go to the Monitor Tab and make sure the MAIN AND ALT are set to "None" as shown here

Click OK
Mixer settings

Click OK

Next to Setup > I/O

Click on Output Tab

Click on Import Settings
Navigate to the ProTools 4 or ProTools 5 Storage>
Templates>
Choose
UT_RTF_Default.pio
If you can not find it use the magnifying glass to search

NO to Keep paths used in session

Choose to REMAP to the new Monitor Paths
Then Click OK Here

Next Import the video into the project
Choose Import Video

Navigate to the video file that you want to view in the ProTools session
Choose New Track

Import Audio

Click OK

Choose to import at Session Start
Choose to enable the Video Engine
Click Yes

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

Video Engine will launch and you should be able to see the image on the projector automatically
Go to the "Edit Window View Selector" drop down

Choose I/O

Once the track is imported into the ProTools session change the format of the clip to 720p /23.976 or 1080p/23.976 depending on what kind of file you have

so it plays out to the projector.

Next make sure the Video Track is Online and that the menu states that Video Hardware is Enabled. If Disable Video Hardware is showing it is okay

Go to Options > Video Track Online
Next Go to the Output and set all the tracks to "Main (5.1) > Main"