



What's New in Pro Tools | S6

Version 18.3.0



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Product features, specifications, system requirements, and availability are subject to change without notice.

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Chapter 1: Introduction

This document describes the **New and Improved Features in S6 Software v18.3** for Pro Tools® | S6 systems.



As of January 2018, Avid has adopted a new versioning scheme across all its product lines based on the date of release. For example, 2018.3 is released in March 2018. With a regular, subscription-based release schedule, the new scheme lets you readily know if you are running the latest version of S6 software, EuControl, Pro Tools, and all your other Avid software.

System Requirements and Compatibility

S6 Software version 18.3 requires the following:

- Valid S6 software license
- Pro Tools 2018.3 or higher (required for some of the new features and fixes)
- Or other EUCON™-enabled applications (check with the manufacturer for compatibility information and requirements).

For a list of supported applications, system requirements, and other compatibility information, visit:

<http://www.avid.com/products/pro-tools-s6/specifications>

DAW Compatibility At the time of this writing, S6 Software v18.3 is compatible with the following (or higher versions):

- Avid Pro Tools 12.8 (2018.3 or higher is required for some of the new features and fixes)
- Steinberg Nuendo 7
- Steinberg Cubase 8
- Apple Logic 10
- Magix Sequoia 14
- Merging Pyramix 8.x Native only
- Merging Pyramix 9.x
- Avid Studio Monitor Pro
- Avid XMON S6
- Pro Tools | MTRX
- ProMon (DADman) for Pro Tools | MTRX and NTP Technology AX32

WSControl Application Compatibility The WSControl application is compatible with Mac OS 10.9.5 or higher (including Mac OS 10.11/“El Capitan”, 10.12/“Sierra” and 10.13/“High Sierra”), and Windows 7 or higher (including Windows 10). Check compatibility for individual EUCON-compatible workstation software.

Important!

The EUCON performance improvements introduced in v3.5 make it and all later versions (including v18.3) incompatible with v3.4.x and previous versions of EUCON and EuControl. As a result, version 18.3 and future versions must not be run on the same network (subnet) as any 3.4.x or previous EUCON Surface software.

- To get the latest version of EuControl software for S3, Dock, and Artist Series, download them from your **Avid Account** or visit: <http://www.avid.com/en/products/artist-control/learn-and-support>.
- For System 5-MC and MCPro, visit: **System 5-MC and MC Pro Documentation and Software**.
- For System 5, use version 6.1 or later. For more information, visit: http://avid.force.com/pkb/articles/user_guide/System-5-and-S5-Fusion
For System 5 software downloads, log in to your **Avid Account** or contact **Avid support** for details.

Product Activation and Software License Activation

Activate your S6 system software on-line as instructed later in this guide. You must use the System ID on the included *S6 System Software Activation Card* to activate and download all S6 system software and documentation. You will also need to activate your S6 software license after installing the software.

If you are upgrading a system, check your Avid account for the latest S6 system software.

Software License Activation Information

After installing the new S6 MasterModule software, you might be prompted to activate or update your software license. S6 software licenses are valid for the entire year of the currently valid Support Contract.

In versions of S6 software prior to v3.5, a new license was required for each major release. All customers with current Support Contracts who are upgrading from v2.2.1 or earlier must activate the new version by registering your System ID in order to transition to the new yearly license system and download the latest software.

To receive your Activation ID, go to <https://my.avid.com/products/Hardware/console> and log into your Avid Account (or create one). Follow the instructions on-screen to enter your System ID. For information about locating your System ID, see this article on our Knowledge Base:

<http://avid.force.com/pkb/articles/faq/How-to-find-S6-System-ID>

Once the new version is activated, you will not need to activate a new license for any software updates that are released for the duration of your current Support Contract. After you activate your license your Avid Account will be updated with the new S6 software for you to download, and will also show your Support Contract dates.

About This Guide

This guide explains how to assemble your Avid S6 system.

Conventions Used in This Guide


All of our guides use the following conventions to indicate menu choices and key commands:

Convention	Action
File > Save	Choose Save from the File menu
Control+N	Hold down the Control key and press the N key
Control-click	Hold down the Control key and click the mouse button
Right-click	Click with the right mouse button

The names of Commands, Options, and Settings that appear on-screen are in a different font.

The names of switches and keys on the control surface are shown in bold (such as **Select**). In addition, the **Shift** switch on the Master, Fader, or Joystick Module is always shown in bold to distinguish it from the Shift switch on the computer keyboard.

The following symbols are used to highlight important information:

 *User Tips are helpful hints for getting the most from your system.*

 *Important Notices include information that could affect your data or the performance of your system.*

 *Shortcuts show you useful keyboard or mouse shortcuts.*

 *Cross References point to related sections in this guide and other Avid guides.*

How to Use this PDF Guide

These are some useful features of this PDF:

- The Bookmarks on the left serve as a continuously visible table of contents. Click on a subject heading to jump to that page.
 - Click a + symbol to expand that heading to show subheadings. Click the – symbol to collapse a subheading.
- The Table of Contents provides active links to their pages. Select the hand cursor, allow it to hover over the heading until it turns into a finger, then click to locate to that subject and page.
- All cross references in **blue** are active links. Click to follow the reference.
- Select Find from the Edit menu to search for a subject.

Resources

The Avid website (www.avid.com) is your best online source for information to help you get the most out of your Avid system. The following are just a few of the services and features available.

Account Activation, Product Registration, and License Activation

Activate your product to access downloads in your Avid account (or quickly create an account if you don't have one). Register your purchase online, download software, updates, documentation, and other resources. Activate your software license

<https://www.avid.com/account>

Support and Downloads

Contact Avid Customer Care (technical support); download software updates and the latest online manuals; browse the Compatibility documents for system requirements; search the online Knowledge Base or join the worldwide Avid user community on the User Conference.

<https://www.avid.com/learn-and-support>

For S6 support, trouble-shooting, and downloads, visit:

<http://avid.force.com/pkb/articles/faq/Avid-S6-Support>

Training and Education

Study on your own using courses available online or find out how you can learn in a classroom setting at an Avid-certified training center.

Get Started Fast: Videos on YouTube

Check out the series of **Get Started Fast with S6** video tutorials, available on YouTube:

Products and Developers

Learn about Avid products; download demo software or learn about our Development Partners and their plug-ins, applications, and hardware.

<https://www.avid.com/Products/index.html>

News and Events


Get the latest news from Avid or sign up for an S6 demo.

Part I: New Features

Chapter 2: New and Improved Features in S6 Software v18.3

S6 Software v18.3 provides new and changed features in the following areas:

- **Unified S6 and EuControl Installer**
- **Pro Tools | Control iPad App Compatibility**
- **Display Features**
- **Layouts**
- **Soft Keys**
- **Other New and Improved Features**

 S6 v18.3 may require a new software license. For instructions, see [Updating S6 System and Workstation Software](#).

 Check the [Release Notes](#) for additional information.

Important!

The EUCON performance improvements introduced in v3.5 make it and all later versions (including v18.3) incompatible with v3.4.x and previous versions of EUCON and EuControl. As a result, version 18.3 and future versions must not be run on the same network (subnet) as v3.4.x or any previous EUCON surface software.

- To get the latest version of EuControl software for S3 or Dock, download them from your [Avid Account](#)—or for Artist Series controllers visit:

<http://www.avid.com/products/artist-control/learn-and-support>

- For System 5-MC and MCPro, visit:

[System 5-MC and MC Pro Documentation and Software](#).

- For System 5, use version 6.1 or later. For more information, visit:

http://avid.force.com/pkb/articles/user_guide/System-5-and-S5-Fusion

For System 5 software downloads, log in to your [Avid Account](#) or contact [Avid support](#) for details.

Unified S6 and EuControl Installer

Software installers for S6 Workstation, EuControl, and supporting software are now unified into a single installer. When installing, simply select which options you want to install onto the current workstation.

For more information, see [Installing S6 Supporting Software](#).

Pro Tools | Control iPad App Compatibility

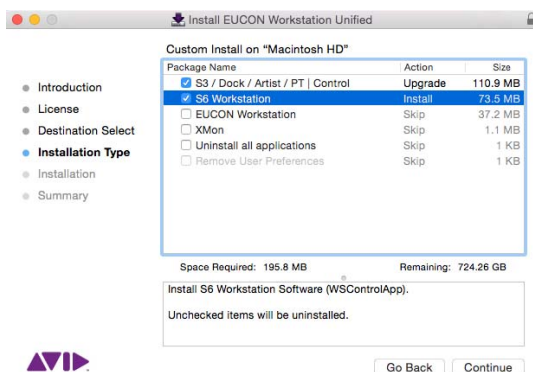
You can use the free Pro Tools | Control app for iPad simultaneously with S6, letting you control Pro Tools (or other compatible DAWs) without having to leave the couch. When used with S6, only one instance of Pro Tools | Control can be added to the My Surfaces list in the Settings tab of EuControl. Other EuControl devices (S3, Dock, or Artist Series) can be added only when S6 is not attached to that workstation.

Requirements:

- Pro Tools | Control 18.3 or higher (available free from the App Store)
- EuControl software 18.3 or higher
- S6 software version 18.3 or higher

To install the Pro Tools | Control app:

- 1 On your iPad, open the App Store.
- 2 In the Search box, enter “Pro Tools Control” then tap Search, locate the app on-screen, tap Get, then tap Install.
- 3 When installation is complete, tap Open.
- 4 Follow the on-screen instructions to complete the registration process and log in to your Master Avid account (required for obtaining EuControl software and other resources).
- 5 Once you have registered using the Control app, on your workstation visit www.avid.com/account, log into your Avid account (or create one; it’s free) and download the EUCON_WorkstationUnifiedInstall Installer for your workstation’s operating system (Mac or Windows). While in your Avid account, be sure to also download the *Pro Tools | Control.pdf*.
- 6 After the download is complete, double-click the EUCON_WorkstationUnifiedInstall.dmg to extract it, then double-click the installer to launch it.
- 7 Follow the instructions on-screen (select each option to install). For a description of each option, click to select it (Mac) or hover the mouse over it (Windows).
 - If you will be using S6 and the Control app simultaneously, select both S3/Dock/Artist/PT | Control and S6 Workstation.



Installing S6 Workstation and EuControl software

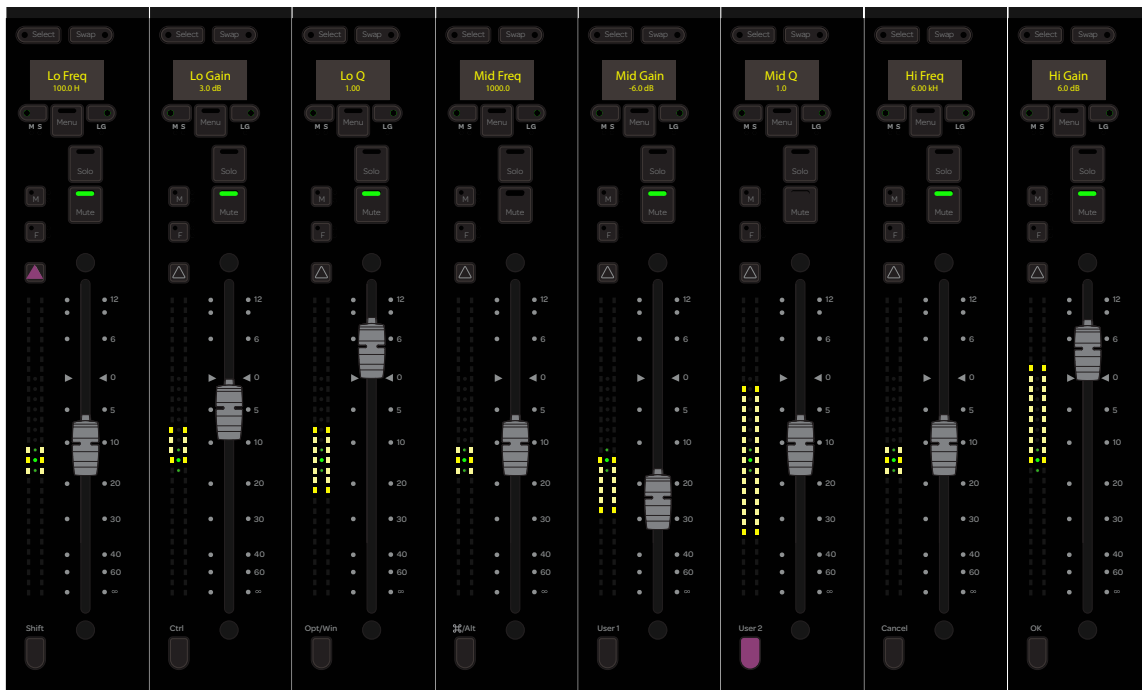
- 8 Follow the instructions in the *Pro Tools | Control.pdf* to configure EuControl software:
 - After installing EuControl software on your workstation, go to the Surfaces tab in EuControl Settings to add Pro Tools | Control to your My Surfaces list.
 - While an S6 is also connected to that workstation (via Settings > Workstation) you cannot attach an S3, Dock, or any Artist Series media controller in EuControl.
 - Use the Auto Launch commands to configure how you want EuControl (for Pro Tools | Control) and WSControl (for S6) to launch. These commands are available from the EuControl and S6 icons in the Tool Bar (Mac) and System Tray (Windows).

About EuControl and S6 Preferences When the Control app and S6 are simultaneously connected to a workstation, Preference settings in EuControl are ignored (only S6 settings apply). Conversely, when only the Control app (and/or S3, Dock or Artist Series) is connected but S6 is not connected to the workstation, only EuControl Preference settings apply.

Display Features

Fader LEDs in Expand Mode

Whenever in Expand Fader mode, the fader LEDs light to indicate control values.



Fader LEDs indicating parameter values (showing an EQ expanded to a Fader Module)

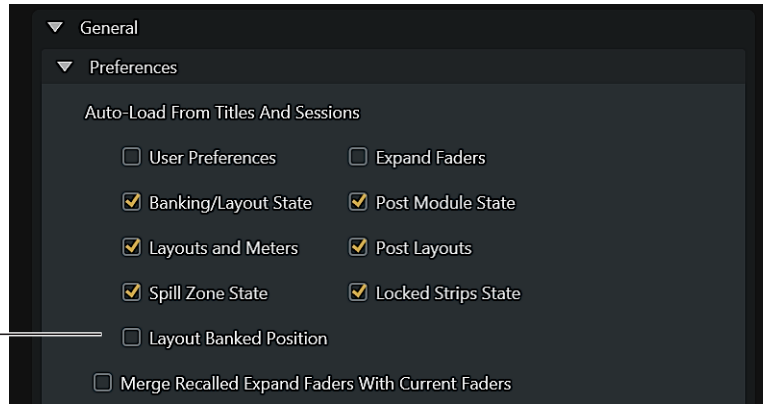
The yellow (outer) meter bars indicate the current setting, and the green (inner) LEDs indicate the middle value of the currently mapped parameter.

Layouts

New Preference settings let you further optimize how loading or recalling Layouts affects the surface.

Layout Banking Position in Auto Load Settings

The Layout Banking Position option in the Auto Load settings (Settings > System, Auto Load) lets you enable or disable recall of banking position when loading Layouts from Titles and Sessions. This setting is also available as a Soft Key.



Layout Banking Position setting in Settings > System

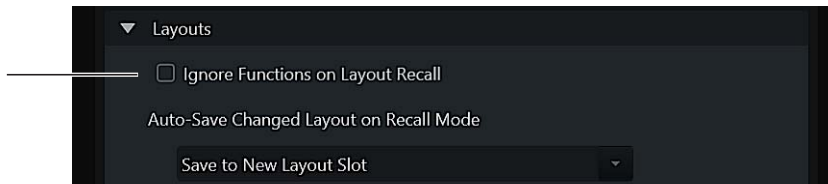
- When enabled, loading restores the surface to the same Layout banking state (including Spill Zones, if any) as when the session or project was closed.
- When Layout Banking Position is not enabled, loading resets surface banking to default (track 1 on strip 1).

Layout Banked Position Soft Key

Command	Command Type	Category 1	Category 2	Category 3
Layout Banked Position	Surface >	General Options >	Preferences >	Auto Load Layout Banked Position

Ignore Functions on Layout Recall

By default, Layouts store and recall the current assignment of functions. You can defeat this behavior so functions are not changed when recalling Layouts by enabling the new Ignore Functions on Layout Recall setting in Settings > User, Layouts.



Ignore Functions on Layout Recall in Settings > User


- When Ignore Functions on Layout Recall is disabled (the default setting), recalling a Layout reassigns controls to the functions assigned while the Layout was saved.
- When Ignore Functions on Layout Recall is enabled, recalling a Layout leaves the surface on its current function assignments and ignores assignments stored in the Layout.

Soft Keys

The following new Soft Keys features are available in the Soft Key Editor with S6 v18.3.

Multi-DAW Commands


You can configure Soft Keys to apply to multiple DAWs. Use this to enable automation Preview or Match Out across multiple DAWs from a single Soft Key. Feedback (LED indication of function state) and a Delay (“wait”) time can be specified as needed.

 For pre-configured examples, see [Default Multi-DAW Commands](#).

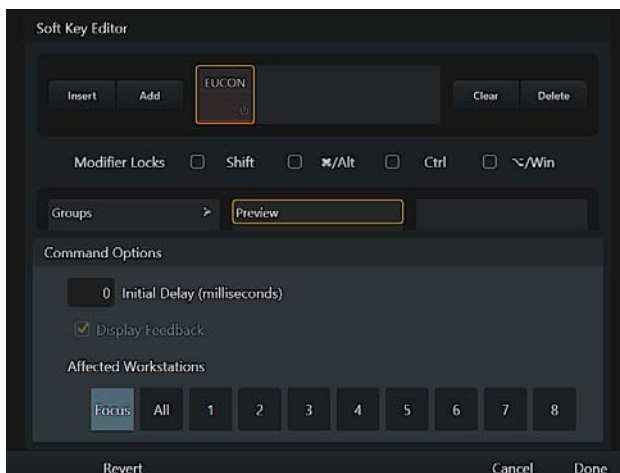
To configure a multi-DAW Soft Key command:

- 1 Make sure all desired workstations are connected in Settings > Workstation.
- 2 Go to Settings > Soft Keys, and select an existing Soft Key command or create a new one (see the *S6 Guide.pdf* for instructions on creating new Soft Keys). Multi-DAW Soft Keys can include EUCON, Key, and Surface commands.

When a command is assigned to a Soft Key, or its command block (such as EUCON) is selected in the Soft Key Editor, the Options menu appears at the bottom of the Soft Keys page.

 You can include multiple commands in a single Soft Key assignment, including multi-DAW and single DAW commands. Each multi-DAW command can have unique Command Options for delay, feedback, and workstations.

- 3 Press Options to display the Command Options window.



Command Options window for a multi-DAW EUCON command

Initial Delay (milliseconds) Enter a value (in milliseconds) for the system to pause before executing the command.

Display Feedback When enabled, S6 displays status indication of the corresponding EUCON command. Availability and status of this option varies depending on the associated command.

Attached Workstations These blocks select which workstations to control with the current multi-DAW command. The order of workstations in the Connected list (Settings > Workstations) from top to bottom determines their workstation number.

- Enable Focus to limit the command to only the currently focused workstation.
- Enable All to apply the command to all connected workstations.
- Enable one or more workstation numbers to apply the command to those specific workstations.

- 4 Press Done to save the Command Option settings. Or press Cancel to close without changing the command definition.

The command block for multi-DAW commands displays Multi, the Delay value (if other than 0), and the Feedback status.



Command block indicating Multi, Delay, and Feedback status

Default Multi-DAW Commands

The default Pro Tools 2018.3 appset includes many pre-configured multi-DAW commands for some of the most frequently requested automation tasks. These include Write to All, Preview, Punch, Auto-Match, and Save. Even if you do not expect to need these specific commands, you can look at them in the Soft Key Editor to see examples of how multi-DAW commands are defined.

To access these new Soft Keys:

- 1 Make sure you have loaded the default (factory) appset for Pro Tools 2018.3.
- 2 On the Automation Module > right Soft Keys bank > Home page, press the Soft Key for User Pages, then press User 3.

The commands on the User 3 page are all pre-configured to apply to All workstations. To distinguish them from other, single-DAW commands an asterisk has been added at the end of their command names.

New Commands

New Soft Keys in S6 v18.3

Command	Command Type	Category 1	Category 2
Collapse	Surface >	Navigation >	Spill Zone Left
Collapse	Surface >	Navigation >	Spill Zone Right
Layout Banked Position	Surface >	General Options >	Auto Load Layout Banked Position

Changed Commands

To support the new Target Playlist features in Pro Tools 2018.1, the following commands have been renamed:

Renamed EUCON commands for Pro Tools

Changed Command	Location in Soft Key Editor, EUCON command hierarchy
Copy to Main Playlist is now Copy to Target Playlist	Edit Menu > Copy to Target Playlist)
Move to Main Playlist is now Move to Target Playlist	Edit Menu > Move to Target Playlist)

The following commands remain available for copying or promoting to the Main playlist:

- Edit Menu > Copy Selection To > Copy Sel Main Playlist
- Editing > Playlists > Promote to Main Playlist

Pro Tools Appset Changes

The factory appset for S6 version 18.3 includes many enhancements for Pro Tools, new assignments for DADman software (for Pro Tools | MTRX) and numerous additional enhancements. To learn more about the newest appset for Pro Tools, see the *S6 Operations.pdf* (available for download from your Avid account). Here are a few of the changes and improvements.

- Hold down the **Ctrl** switch on any Fader Module to see alternate functions (layer 2) on all Soft Key banks.
- New QuickJump shortcut to access the User Pages (Fader Module **Shift** + Automation Module **I**)
 - User Page 1: (was previously empty) is now populated with useful commands including zoom, navigation, hide inactive, etc.
 - User Page 2: Pre-configured with commands to access Track Layouts and Meter Layouts. Soft Keys 1-6 are Track Layouts, 7-12 are Meter Layouts. (If there are no Track or Meter Layouts in the current session or project, this page will be empty.)
 - User Page 3: Pre-configured multi-DAW commands including automation Punch, Preview, and more.
- The QuickJump for Editing (**Shift** + **7**) includes commands for all the new Target Playlist workflows in Pro Tools 2018.1:
 - Automation Module Left: All new Playlist Soft Keys for Target Playlist and track comping workflows.
 - Automation Module Right: Updated Edit1 Page to include additional common editing functions such as cut, copy, paste, repeat, and similar, as well as Save Track Preset.



*If you have customized any Soft Keys, use the **Save** command in **Settings > Soft Keys** to store them for archiving or transfer. Press **Factory** to reset all Soft Keys to their factory default assignments. To restore your saved custom Soft Keys, use **Load**.*

Other New and Improved Features

Specifying the Slot to Auto Insert Plug-Ins (Pro Tools 2018.1 or Higher)

You can designate a specific slot for Pro Tools to use when automatically inserting plug-ins using the Insert Slot selectors.

To designate the Insert Slot for auto-inserted EQ or Dynamics plug-ins:

- 1 In Pro Tools choose Setup > Preferences, then click the Mixing tab.
- 2 Make sure Auto Insert Default Plug-Ins from EUCON Surfaces is enabled.
- 3 Choose a default EQ and/or Dynamics plug-in from their selectors.
- 4 Use the Insert Slot selector to designate the slot (a–j) where you want the default plug-ins to be inserted when the **EQ** or **Dyn** switch is pressed on a strip. If a plug-in is already inserted into the designated slot, Pro Tools uses the next available slot. Choose <none> to have Pro Tools insert the default plug-in into the first available slot.



Pro Tools Preferences (Setup > Preferences), Mixing tab

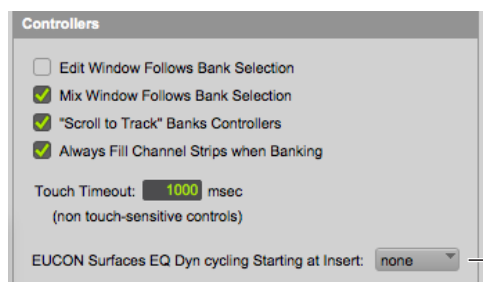
- 5 Click OK to close Preferences.

Specifying the Slot for EQ/Dyn Cycling (Pro Tools 2018.1 or Higher)

You can specify the starting slot for EQ/Dyn cycling for situations when there might be more than one EQ or Dyn plug-in on a track. This lets you optimize EQ and Dyn cycling (via repeated pressing of the **EQ** or **Dyn** switches) to start from either a specific slot, or from the most recently cycled slot.

To designate the starting slot for EQ/Dyn cycling:

- 1 In Pro Tools choose Setup > Preferences, then click the Mixing tab.
- 2 In the Controllers section, choose a slot (a–j) from the EUCON Surfaces EQ Dyn cycling Starting at Insert selector. Choose <none> to have Pro Tools begin cycling from most recently cycled slot.



Pro Tools Preferences (Setup > Preferences), Mixing tab, Controllers section

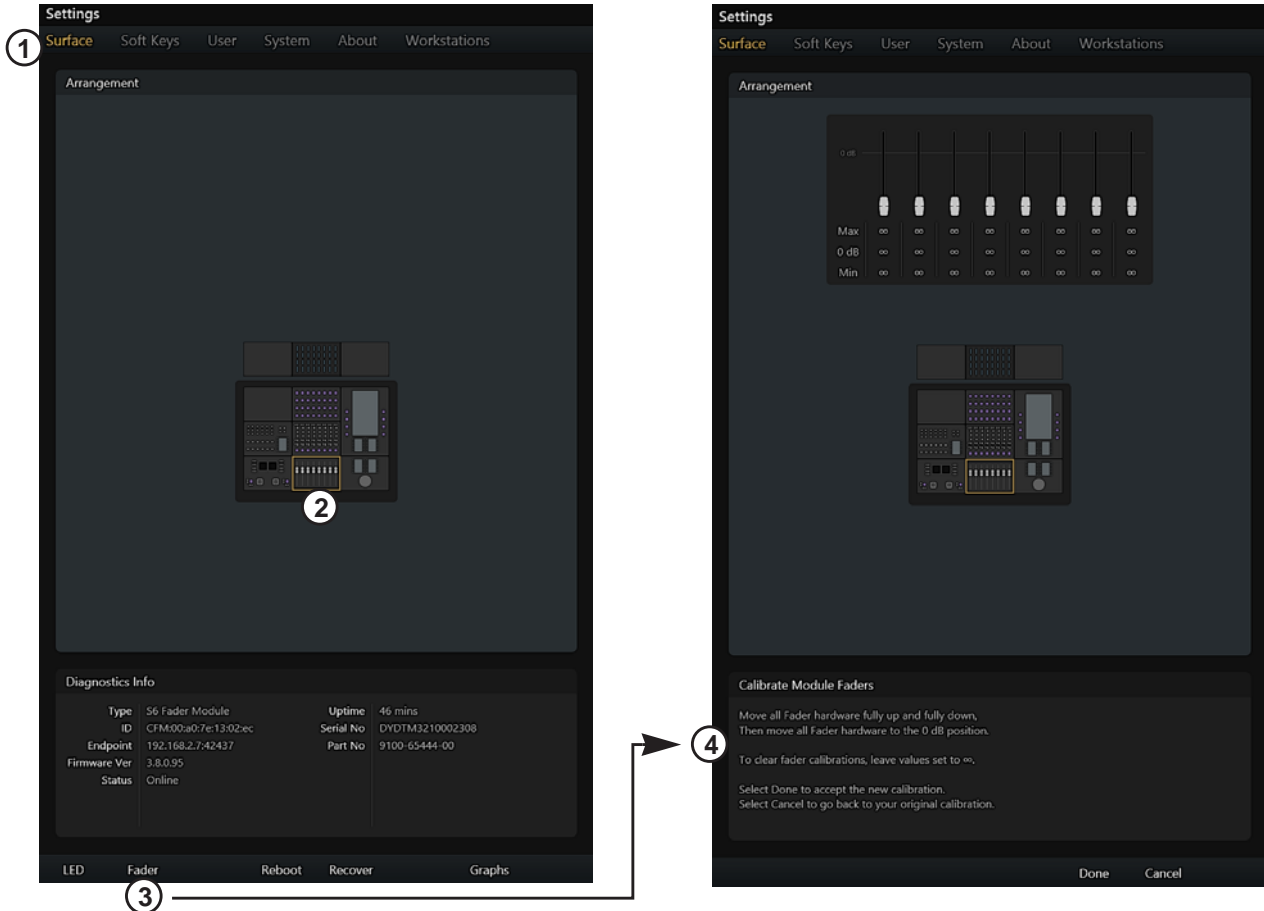
- 3 Click OK to close Preferences.

Fader Calibration

Fader Calibration is available in the Settings > Surface page to calibrate and align faders.

To calibrate faders:

- 1 Go to Settings > Surface, and touch Config.
- 2 In the image of the current surface configuration, tap to select a Fader Module.
- 3 Tap the Fader button along the bottom of the screen.
- 4 Follow the on-screen instructions to calibrate each fader.
- 5 Repeat for additional Fader Modules.
- 6 When finished, tap Done (or tap Cancel to exit).



Fader Calibration controls in Settings > Surface, Config

Write Mode Locked Out from Fader Module F Key

When cycling through automation modes using the **F** key on Fader Modules, Write mode is no longer included. You can still assign Write mode from the surface by enabling the Soft Key for Write mode and pressing the strip **F** key.


This helps protect existing automation by requiring a more explicit gesture to enable Write mode.

Part 2: Software Installation

Chapter 3: Updating S6 System and Workstation Software

The process for updating S6 software and activating the required software license involves these steps:

- **S6 Software Activation**
- **Logging in as Administrator and Updating Master Module Software**
- **Activating Your Software License**
- **Installing S6 Supporting Software**

 *These instructions apply to customers with support contracts who are entitled to the latest software release. If you are configuring a new S6 system for the first time, refer to the [S6 Guide.pdf](#) for complete network and configuration instructions.*

Network Configuration Settings

Installing a new version of S6 software overwrites any custom network settings you have configured. For example, if you have customized the IP range for the local Master Module DHCP server, they will be reset to the 192.168.2.x range. If you have manually changed the S6 IP range you will have to re-enter your custom settings after installing the latest S6 software on the Master Module.

For additional information see the [S6 Networking Guidelines.pdf](#), available for download from your Avid Account and from the [Avid S6 Support](#) article on our Knowledge Base.

S6 Software Activation

1 (Required) If you have not already done so, use the System ID on the included *S6 System Software Activation Card* to activate your Avid account for S6:

- Go to <https://my.avid.com/products/Hardware/Console> and log into your Avid Account (or create a new one, if necessary).
- Enter the System ID number from the S6 System Software Activation Card (shown at right) included in the Master Module package.

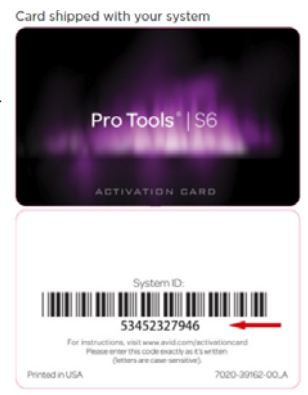
Your System ID can be found on the *S6 System Software Activation Card* included in the front pouch of the *S6 Installation Guide*. Activating deposits your S6 software *Activation ID* number into your account, which you will use later to acquire your S6 software license, as well as software downloads and documentation.

2 (Required) Acquire your S6 Software License.

- Make sure you are still logged into your Avid Master Account at <https://account.avid.com>.
- Retrieve your Activation ID number (My Products and Subscriptions > Pro Tools | S6 M40/M10 Software and Support). You will use this number later to activate your new software license.
- Download the latest versions of the S6 Master Module Software, Workstation software (Mac or Windows), and S6 documentation from your Avid account to your computer.
- Insert a USB flash drive into an available USB port on your computer.

 *Do not use the System Restore USB drive! Use a separate USB flash drive.*

- If necessary, extract (decompress) the .ZIP file containing the Master Module software to unzip it, then copy the resulting file (.exe) to the top (root) level of your USB drive.
- Workstation software: If you will be using a different computer or computers for Pro Tools or other compatible DAWs, copy the appropriate Workstation software (Mac and/or Windows) to the top (root) level of the USB drive.
- Remove (eject) the USB drive.



Logging in as Administrator and Updating Master Module Software

To install and update S6 Master Module software:

- 1 If you have not already done so, navigate the touchscreen to the **Settings > About** page and press **Logout**.
- 2 Select **Administrator**. When prompted enter the following default password: **password**
- 3 Click the **File Explorer** tile.
- 4 Plug the USB flash drive with the downloaded S6 Master Module installer into one of the available USB ports on the back of the Master Module. The USB drive appears in the left hand column under **Computer**.
- 5 Tap on the USB flash drive to see the contents.
- 6 Launch (run) the **S6MasterModuleInstall** software from the flash drive by double-tapping on the icon. Follow the instructions on-screen. After the installer has completed you will be prompted to restart the system.
- 7 Tap **Yes** to restart the system immediately.
 - If after restarting the **Software License Activation** screen appears, proceed to [Activating Your Software License](#).
 - If not, proceed to [Installing S6 Supporting Software](#).

Activating Your Software License

S6 Master Module software is licensed and must be activated if prompted to do so after installation. If the **Software License Activation** screen appears, do the following to perform an **Offline Activation**.

Offline activation requires a separate computer and USB flash drive. You can use the same USB flash drive on which you copied the **S6MasterModuleInstall** software.

 *Do not use the System Restore USB drive! Use a separate USB flash drive.*

About Online Activation Online Activation should only be performed while in direct contact with Avid Customer Support.

Offline Activation

Make sure you have the System ID number and software Activation ID, and also make sure you have installed the new software and restarted your system.

To activate S6 software using offline activation:

- 1 After the system has restarted, the **Software License Activation** screen appears. Help text appears in the lower half of the screen.

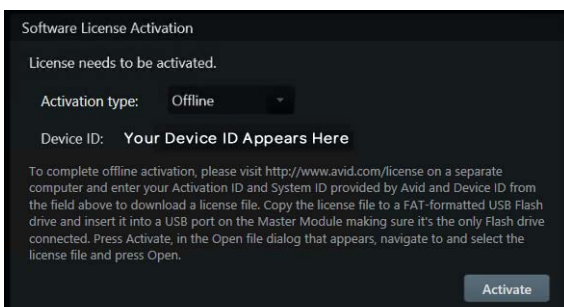


Figure 1. S6 Software License Activation screen for offline activation

- 2 Make sure **Offline** is selected for the **Activation Type**. If not, tap the selector and choose **Offline**.

- 3 On a separate computer go to <http://www.avid.com/license> to access the Software License Activation page.

Figure 2. Software License Activation page

- 4 Enter the following information, making sure to enter all characters and numbers correctly (fields are not case-sensitive):
 - Enter your Activation ID into the Activation ID field. Once entered, a System ID field appears. Press Tab to go to the next field.
 - Enter your System ID into the System ID field. Press Tab to go to the next field.
 - Enter your Device ID (shown on the S6 Software License Activation screen) into the Device ID field.When a valid ID number is entered into each field, a green check mark appears. If any characters are incorrect, and until the correct number of characters has been entered, an error message appears.

- 5 Click Submit, then follow the instructions on-screen to do the following:

- Download the license file (.bin) to your computer, then transfer the license file to a USB flash drive.

⚠ Do not use the System Restore drive. Use a separate USB flash drive (not included), formatted as FAT or FAT32.

- Remove the USB drive from your computer, then insert it into one of the USB ports on the back of the Master Module.

- 6 On the S6 touchscreen, tap Activate. A standard Windows Open dialog appears.

- 7 Navigate the dialog to the USB drive, select the downloaded license file (“S6xxx.bin”) and tap Open. After a few moments your software will be activated.

- 8 After activating your software, if you are prompted to update module firmware after the system restarts do the following:

- Navigate to the Settings > Surface page and press Update.




If no Update option is displayed either the system hasn't completely booted yet, or a module is selected on that screen. Wait for the system to finish starting up, and be sure no module is selected on-screen (indicated by a lit rectangle surrounding that module).

- When prompted, confirm the update and then wait until all modules have updated (which can take several minutes). Do not turn off any modules during this process. The screen displays a message confirming that the update has completed.

- 9 Proceed to **Installing S6 Supporting Software**.

Installing S6 Supporting Software

Your Avid Master Account also provides workstation software for Windows and Mac, and S6 documentation. XMON EUCON and Studio Monitor Pro2 software options are included in these installers. Whenever you update S6 system software you must also update workstation software on all connected workstations.

 *EUCON installs into a default directory for all EUCON devices (including, Artist Series, S3, and S6). This lets you co-install all software for these devices (you do not need to uninstall and re-install EUCON software when switching between different EUCON control surfaces).*

After updating S6 system software, do the following:

- 1 If you have not already done so, on a separate computer navigate to <https://account.avid.com>, log in to your Avid Master Account (or create one if you have not already done so), and download EUCON_WorkstationUnifiedInstall software for your workstation (Mac or Windows), documentation, and other resources from the My Products and Subscriptions section under Pro Tools | S6 Software and Support.

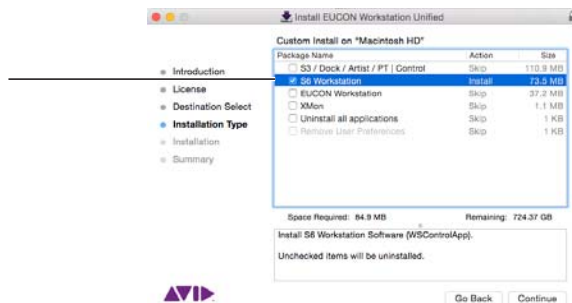
 *You can download these components directly to the workstation(s) you plan to use with S6, or to a USB flash drive.*

- 2 If necessary, transfer the EUCON_WorkstationUnifiedInstall to a USB flash drive.

 *Do not use the S6 System Restore USB drive! Use a separate USB flash drive.*

To install WControl (workstation) software:

- 1 Insert the USB drive containing the downloaded EUCON_WorkstationUnifiedInstall into a USB port on your workstation.
- 2 Navigate to the USB drive and double-click EUCON_WorkstationUnifiedInstall, then double-click the installer to launch it.
- 3 Follow the instructions on-screen (select each option you want to install):
 - To only install S6 Workstation software, click to select its option.



Installing S6 Workstation software

- If you will be using S6 and the Control app simultaneously, select both S3/Dock/Artist/PT | Control and S6 Workstation. (Other combinations are allowed (such as S6 Workstation and EUCON Workstation software) but once installed cannot be run simultaneously.)
- 4 Configure S6 Workstation software to auto-launch (click the S6 icon in the Tool bar (Mac) or system tray (Windows) and select S6 Workstation from the Auto Launch sub-menu).

To uninstall items:

- 1 Launch the installer.

Items that are currently installed are selected (checked) and indicated as Installed.
- 2 Do the following:
 - To uninstall specific component, make sure it is not selected (no check mark).
 - To uninstall all EUCON applications, select Uninstall all applications.
 - To uninstall all User Preferences, select Uninstall User Preferences (your appsets will not be removed).
- 3 Click Continue (Mac) or Next (Windows).

Part 2: Release Notes

Chapter 4: Release Notes

For Pro Tools® | S6 Systems

- For information about what has been fixed, see [Issues Resolved in S6 v18.3](#).
- For information about issues that may affect S6 performance, see [Known Issues](#).

For new features and important information, see the *What's New in S6 v3.7.pdf*, available for download from your Avid account.

Compatibility

S6 Software version 18.3 requires the following:

- Valid S6 software license
- Pro Tools 2018.3 or higher (required for some of the new features and fixes)
- Or other EUCON™-enabled applications (check with the manufacturer for compatibility information and requirements).

For a list of supported applications, system requirements, and other compatibility information, visit:

<http://www.avid.com/products/pro-tools-s6/specifications>

DAW Compatibility At the time of this writing, S6 Software v18.3 is compatible with the following (or higher versions):

- Avid Pro Tools 12.8
- Steinberg Nuendo 7
- Steinberg Cubase 8
- Apple Logic 10
- Merging Pyramix 8.x Native only
- Merging Pyramix 9.x
- Avid Studio Monitor Pro (no longer installed)
- Avid XMON S6
- Pro Tools | MTRX
- ProMon (DADman) for Pro Tools | MTRX and NTP Technology AX32

WControl Application Compatibility The WControl application is compatible with Mac OS 10.9.5 or higher (including Mac OS 10.11/“El Capitan”, 10.12/“Sierra” and 10.13/“High Sierra”), and Windows 7 or higher (including Windows 10). Check compatibility for individual EUCON-compatible workstation software.

Important!

The EUCON performance improvements introduced in v3.5 make it and all later versions (including v18.3) incompatible with v3.4.x and previous versions of EUCON and EuControl. As a result, version 18.3 and future versions must not be run on the same network (subnet) as any 3.4.x or previous EUCON Surface software.

- To get the latest version of EuControl software for S3, Dock, and Artist Series, download them from your [Avid Account](#) or visit: <http://www.avid.com/en/products/artist-control/learn-and-support>.
- For System 5-MC and MCPro, visit: [System 5-MC and MC Pro Documentation and Software](#).
- For System 5, use version 6.1 or later. For more information, visit: http://avid.force.com/pkb/articles/user_guide/System-5-and-S5-Fusion
For System 5 software downloads, log in to your [Avid Account](#) or contact [Avid support](#) for details.

Software Installation and License Activation Information

S6 Master Module software requires a valid license. If after installing S6 software you are prompted to Activate, follow the instructions on-screen to activate your S6 software license (see also [Activating Your Software License](#)).

Important – Shutting Down the System

Whenever you need to manually shut down the system, always follow these steps.

To shut down the system:

- 1 Shut down the Master Module first. (Navigate the Touchscreen to Settings > About page, then touch Shut Down. Wait for the Master Module to completely shut down.)

 *Always shut down the Master Module before powering down the system!*

- 2 Turn off power at the source device supplying power to S6 Power Strip (UPS, power conditioner or other).

Restoring the System If you ever need to perform a System Restore, be sure to power cycle the entire system after the System Restore is completed.

Issues Resolved in S6 v18.3

General

- Pan parameters could fail to appear on the surface after loading a session with unavailable buses (GWSW-10904)
- Fader automation LED no longer incorrectly light green when a knob is in Preview (GWSW-10975)
- When assigned to faders, two-state switches could flicker and not change switch state (GWSW-11012)
- Nudging a Layout beyond the last strip in a spill zone could collapse the spill (GWSW-11016)
- When loading a Title with Layouts that included track assignments from multiple workstations, it was possible for some strip assignments to initially appear empty (GWSW-11040)
- It was possible for a Layout to initially load without any assigned tracks (GWSW-11518)
- Spilling a Layout in which no tracks were assigned to a Spill Zone could collapse the Spill Zone (GWSW-11265)
- Recalling Layouts that contain Master Display Meter assignments is now faster (GWSW-11052)
- If a session was saved after recalling a Layout and then activating a Spill Zone, it was possible for the Layout to fail to load (GWSW-11252)
- It was possible for S6 to appear frozen after switching Layouts in large sessions (200 or more tracks) (GWS-11336)
- If Flip was active on a Process Module or Knob Module and then canceled, the knob would not exit Flip mode (GWSW-11021)
- Clearing Send level no longer focuses the control on Send pan (GWSW-11078)
- It was possible for strip Lock to become unresponsive after initially locking a strip (GWSWS-11262)
- It was possible for the EQ graph in the Channel Strip plug-in to fail to update after displaying Listen (PT-233947)
- It was possible for S6 strips to display Gain Reduction meters for tracks that did not have relevant plug-ins (GWSW-6999)
- Dyn3 De-Esser parameters could become unavailable on Knob Modules (PT-233948)

Soft Keys and Appsets

- Pro Tools 12.x appsets were not recognized by Pro Tools 2018.x (GWSW-11331)

Display Modules

- Indication of Attention status in Expand mode now functions when multiple tracks are attentioned, such as when the same (attentioned) track is on multiple strips in a Layout (GWSW-11094)
- It was possible for Master Display Meter Modules to display artifacts after recalling Layouts while configured with different numbers of rows (GWSW-11233)
- Meter settings stored in layouts would sometimes update on the first recall only (GWSW-11328)

Issues Resolved in Previous Versions of S6 Software

The following issues were resolved in previous versions of S6 software.

Issues Resolved in S6 v3.7

General

- Holding down the Fader Module **Alt** switch did not Do to All for pan functions Inverse F/R, Inverse F, Inverse R, Link, or F/R Link (GWSW-10954)
- Switching between workstations has been optimized and is now significantly faster than in previous versions.
- The **User 1** or **User 2** switch LEDs (Expand Fader banking) could incorrectly remain lit after opening a different session (GWSW-10789)
- When switching between workstations using the Master Automation Module Soft Keys while the Focus Workstation of Most Recently Attentioned Track setting was enabled, it was possible for workstation 1 to remain focused (GWSW-10944)
- Nuendo: When viewing Track Types on the Master Automation Module Soft Keys, Input tracks had no icons (GWSW-10943)

Monitoring

- Speaker names could be unexpectedly reset to their default names after a source was selected twice (GWSW-10838)

Display Modules

- The track record indicator could fail to indicate correct status while in record (GWSW-10988)
- Dynamics “bouncing ball” would not always display on Display Modules when in Attention Expand mode (GWSW-10978)

Master Post Module

- It was possible for the PEC/DIR **Page <>** lights to remain on after spilling and then collapsing a VCA with 10 or more members (GWSW-10987)

Master Joystick Module

- In Pickup mode, it was possible to create unwanted automation jumps at the pickup point (GWSW-10976)
Note: Automation takeover now occurs when the white (joystick) dot intersects with the red dot. Previously, takeover occurred when the larger white circle surrounding the white joystick dot touched the red dot.

Issues Resolved in S6 v3.6.1

- It could be difficult for some plug-in knobs to reach their maximum and minimum values (GWSW-10747)
- It was possible for registry permissions issues to prevent WSControl from recognizing a workstation when installed on a clean Windows OS (GWSW-10785)
- Editing Network Ports on the Master Module required two reboots (GWSW-10627)
- It was possible for Windows 10 workstations to be listed as Windows 8 in Settings > Workstations (GWSW-10709)

It was possible for the Automation Module wheel to become incapable of scrolling the Pro Tools MIDI Editor window vertically (GWSW-10479)

Issues Resolved in S6 v3.6

- Some multiple Soft Key commands could fail if the first command was a page change for the same key (GWSW-10345)
- Master Post Module: It was possible for a Record Master strip to appear as assigned after unassigning (GWSW-10331)
- Master Post Module: It was possible for the Record Master to not follow Link Master disarm or return to playback when multiple MPMs were set to mirror (GWSW-10664)

Issues Resolved in S6 v3.5

- MPM Input Monitor switching on linked tracks was not simultaneous (GWSW-9936)
- EUCON **SHIFT** modifier could get stuck On if used as a Soft Key modifier to open a dialog box (GWSW-9697)
- Knobs could get out of sync when writing automation in Touch modes (GWSW-10322)

Switch Labels for Reassigned Default Soft Keys

If you own an S6 Automation Module with original text on Locate switches (**Trim +, Trim -, Store Current, Store Locate, Edit, Recall, Delete, Clear**) and you would like a set of 8 stickers with the new text (**Mix/Edit, Faders Off, Trim Sel, Consol Clip, Edit Loc, Undo, Redo, Save**) visit <http://www.avid.com/S6stickers> and fill out the brief form with your contact and shipping information.

Known Issues

The following are known issues you may encounter using S6, along with workarounds if they exist.

- Downgrading from 3.6 to 3.5 (GWSW-10593)

If you uninstall S6 v3.6 and then install v3.5, startup can hang at “Loading Surface Preferences.”

Workaround: Delete, rename or move the S6 Monitor Settings file, located at C:\ProgramData\Avid\S6\MonitorSettings. (By default, ProgramData is a hidden directory. To access it, open the View tab and enable Hidden items from the View tab.)

- Workstation Sleep causes problems with connectivity and performance

If workstations enter Sleep mode, communication and performance can be problematic until S6 and all workstations are power-cycled.

Workaround: Set all connected workstations to never sleep.

- S6 does not update the displayed setting for Solo switch (Intercancel versus Sum) after changing the Solo switch mode in Pro Tools (GWSW-8214)

Changing the Solo switch mode in Pro Tools does not always update the displayed state of Solo on S6. Switch behavior correctly follows the selected mode on the specific workstation on which it was configured, it is only the displayed setting on S6 that does not update.

Layouts

3rd Party EUCON applications only: Newly added Tracks can be lost from Layouts after disconnecting a workstation or changing the designated Layout Store workstation before closing a session (GWSW-9334)

This component of GWSW-9334 affects 3rd party (non-Pro Tools) EUCON applications only. If you add one or more tracks to a Layout and then disconnect the designated workstation before saving the session/project, those recently added tracks may not be recalled when the workstation is reconnected and that session/project is reopened.

Workaround: Close and save the session before either disconnecting its workstation, or designating a different Layout Store workstation. If you do disconnect while a session is open, don't save it until after you have reconnected the workstation to S6.

After using Import Session Data (Pro Tools), S6 Layouts fail to recall stored knob assignments (GWSW-9285)

Monitoring

Monitoring page inactive unless Monitoring application is focused

The S6 Monitoring page does not show sources unless the monitoring application (such as XMON EUCON) is focused on the workstation, even if the S6 Monitoring section is locked to the monitoring application.

XMON: Audio passes through even when no sources are selected on first launch after installation (GWSW-7169)

Workaround: Select your Source from the XMON application, quit and relaunch.

DADMan: Source selection Sum and Intercancel mode setting conflicts with S6 Monitoring mode setting (GWSW-9640)

The S6 Monitoring local options page lets you configure Source selection for Sum or Intercancel mode, and this setting can conflict with the same settings available in DADMan preferences.

Workaround: Do either of the following:

- In the S6 Monitoring local options, set Source selection to Sum mode and then only use DADMan preferences to switch modes.
- Configure DADMan preferences to Sum and only use S6 to switch modes.

Master Joystick Module

When using the Master Joystick Module to pan a stereo track with Stereo Link enabled, touching both joysticks simultaneously can lock up the pan position of one side of the stereo signal when only one joystick is released (GWSW-9080)

Workaround: Let go of both joysticks then touch or move either to re-establish stereo linked panning.



Technical Support (USA)
Visit the Online Support Center
at www.avid.com/support

Product Information
For company and product information,
visit us on the web at www.avid.com