



# Pro Tools® EUCON™ Guide

Version 10.0

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At Avid, we are always looking for ways to improve our documentation. If you have comments, corrections, or suggestions regarding our documentation, email us at [techpubs@avid.com](mailto:techpubs@avid.com).

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# Chapter 1: Introduction

The Avid® EUCON™ (Extended User Control) adapter enables fully integrated control of Pro Tools® from Avid Artist and Pro Series control surfaces.

- Artist Control
- Artist Mix
- Artist Transport
- MC Pro and System 5-MC
- System 5

This guide explains how to enable EUCON control in Pro Tools, and lists all Pro Tools commands available for Soft Key assignment.



*For setup and configuration instructions for EUCON on MC Pro, System 5 and other Pro Series systems, see the instructions that came with your hardware. For the most recent software updates and information about these Avid control surfaces, visit [www.avid.com/proseriessupport](http://www.avid.com/proseriessupport).*

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## System Requirements

- Pro Tools or Pro Tools HD version 10.0 or higher, along with at least one of the following:
  - Artist Control, Artist Mix, or Artist Transport and EuControl software (version 2.6.2 or higher)
  - Avid MC Pro or System 5-MC with the current MC App software, and current EUCON Workstation software on the Pro Tools workstation
  - Avid System 5 Digital Audio System running eMix software (version 5.0 or higher), and current EUCON Workstation software on the Pro Tools workstation

**Artist Series** For downloads and other Artist Series resources, visit [www.avid.com/artistsupport](http://www.avid.com/artistsupport)

**Pro Series** For downloads and other Pro Series resources, visit [www.avid.com/proseriessupport](http://www.avid.com/proseriessupport)

Avid can only assure compatibility and provide support for hardware and software it has tested and approved. For complete system requirements and a list of qualified computers, operating systems, hard drives, and third-party devices for Pro Tools, visit:

[www.avid.com/compatibility](http://www.avid.com/compatibility)

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## About This Guide

This guide explains how to enable EUCON in Pro Tools, and provides a searchable list of Pro Tools commands.

The following resources are also available:

### Pro Tools

- For complete instructions on connecting and configuring Pro Tools, see the software installation and hardware user guides that came with your Avid system. For information about using Pro Tools software, see the *Pro Tools Reference Guide* (in Pro Tools, choose Help > Pro Tools Reference Guide).

### Artist Series

- For Artist Series software and hardware installation instructions for your unit, see the electronic PDF version of its *User Guide*.
- For EuControl software setup and configuration information, see the *EUCON Application Setup.pdf*.



*If you have not already done so, be sure to download the most recent version of EuControl software, available from the support pages at [www.avid.com/artistsupport](http://www.avid.com/artistsupport).*

- For step by step instructions on how to use Artist Control, Artist Mix, and Artist Transport with Pro Tools, see the *Artist Series and Pro Tools Guide*.

### Pro Series

- For information on your System 5, see the *System 5 User Guide*.
- For information on MC Pro and System 5-MC, see the *MC Pro User Guide*.

## Conventions Used in This Guide

All of our guides use the following conventions to indicate Pro Tools 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. Hardware keys on Artist and Pro Series units are indicated in bold (such as **SHIFT**).

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.*

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## About [www.avid.com](http://www.avid.com)

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

**Product Registration** Register your purchase online.

**Support and Downloads** Contact Avid Customer Success (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 Pro Tools community.

**Training and Education** Study on your own using courses available online or find out how you can learn in a classroom setting at a certified Pro Tools training center.

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

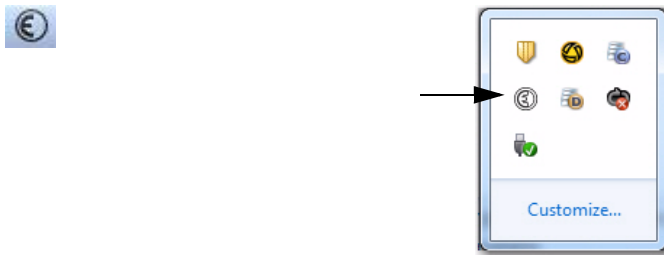
**News and Events** Get the latest news from Avid or sign up for a product demo.



## Chapter 2: Software Configuration

Before you proceed, complete the following as appropriate for your hardware.

**Artist Series** Make sure you have installed the current version of EuControl software and make sure it is running, indicated by a lit EuControl icon in the Menu bar (Mac) or System tray (Windows).




*EuControl icon for Artist Series on Mac (left) and Windows (right)*

**Pro Series** Make sure you have installed the current software for your system:

- For MC Pro and System 5-MC, install the current MC App for your hardware and EUCON Workstation software on your Pro Tools workstation.
- For System 5, install the current eMix application software for your hardware and the EUCON Workstation software on your Pro Tools workstation.

Contact Avid Support for instructions on upgrading firmware and operating software.

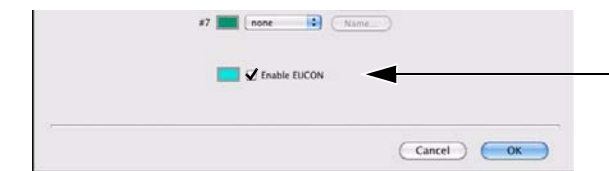
 *For complete installation instructions, see the User Guide that came with your hardware.*

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## Enabling EUCON in Pro Tools

### To enable EUCON control in Pro Tools:

- 1 Launch Pro Tools if it is not already running.
- 2 In Pro Tools, choose Setup > Peripherals, and click the Ethernet Controllers tab.
- 3 Click to select Enable EUCON.



### Enable EUCON

- 4 Click OK. You do not need to configure any other Ethernet Controllers settings. These settings do not apply to EUCON.

Pro Tools scans your system until it identifies attached EUCON-compatible controllers. When Pro Tools finishes scanning your system, your controllers are ready to use with Pro Tools.

## Using Multiple Artist Series and Other Units

### Multiple Artist Series Units

Artist Series units can be combined to form larger, unified systems. For example, you can use two Artist Mix units and an Artist Control simultaneously. Pro Tools will recognize all attached units automatically.



*Use your EuControl software to arrange the layout of multiple units. For more information, see the [EUCON Application Setup.pdf](#).*

### Other Units

When EUCON is enabled in Pro Tools, the use of additional control surfaces is subject to the following conditions:

- ◆ You can use the Surround Panner Options, as well as one USB/MIDI-based control surface at the same time as EUCON. A MIDI control surface will mirror the first eight channels on EUCON devices.
- ◆ You cannot use another Ethernet-based work surface (such as an MC Pro, ICON worksurface, or C|24 control surface) at the same time as EUCON.

## Confirm Installation

### To confirm installation and communication:

- 1 Make sure you have enabled EUCON as explained in “Enabling EUCON in Pro Tools” on page 6.
- 2 Open a Pro Tools session if one is not already open.
- 3 For System 5 only, do the following:
  - On the System 5 CM401 Main Panel, select EUCON Setup and attach to your Pro Tools workstation. (If you do not know how to attach a workstation, see “Attaching a Pro Tools Workstation to System 5” on page 8.)
- 4 Verify the Mix window displays a blue-green border around Pro Tools tracks.



*Color outlines in the Mix window showing currently banked tracks*

- 5 For System 5 only, verify that the CM401 Main Panel EUCON channels display the correct Pro Tools tracks.

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## Attaching a Pro Tools Workstation to MC Pro or System 5-MC

### To connect the MC to your workstations:

- 1 Make sure the MC Client is running on all workstations, then press the **Strip Control Setup** key on the right side of the MC.

The Touchscreen displays all workstations available on the network in the right pane. There are two choices: None/Disconnect and Your Workstation (showing computer name, user name, and operating system).

- 2 Touch a Workstation key on the left of the Touchscreen. These buttons map to the physical Workstation keys on the upper right of the MC. Touch the Workstation name in the list to assign it to the selected number.
- 3 Repeat for each workstation to assign them to Workstation keys.
- 4 Press the **Strip Control Setup** key again to exit Workstation assignment mode.

For more information, see the *MC Installation Guide*.

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## Attaching a Pro Tools Workstation to System 5

### To attach a Pro Tools workstation to System 5:

- 1 On the CM401, press **MAIN Panel** to show the MAIN panel.
- 2 Select EUCON, then Setup. All workstations recognized on the network are listed.
- 3 Hold down the **Workstation** button (below the panel), then press the **Select** button to the left of the displayed name of the computer (workstation) on which Pro Tools is installed.
- 4 The button flashes until communication has been established.

Once the Pro Tools workstation has been attached, you can assign Pro Tools tracks to console strips and save assignments as Layouts. For instructions on these and other operations, see the *System 5 User Guide*.

# Appendix A: Pro Tools EUCON Commands

The tables on the following pages list the Pro Tools commands available for Soft Key assignment. The tables show you where to find each command in the three-level hierarchy of the EuControl Soft Keys Command Editor for Artist Series (only), and in the Soft Keys pages on MC Pro. These commands are visible when you add a EUCON command, or when reassigning a Soft Key.

Use the Find feature in Acrobat (or other reader application) to search this document for a Pro Tools menu command, keyboard shortcut, or other action. For example, to find if you can customize a Soft Key for Bounce to Disk, type “Bounce to Disk” into the search field to find the following entry:

Command	Level 1	Level 2	Level 3
<b>Bounce to Disk</b>	File Menu >	Bounce >	Bounce to Disk

Level 1, 2, and 3 refer to the columns in the Details area of the Soft Key Command Editor window.

## Artist Series

The EuControl Soft Keys tab and Command Editor window let you map (or *assign*) EUCON-ized Pro Tools commands to Soft Keys and other controls on Artist Series media controllers.

For instructions and examples on how you customize assignments in EuControl software, see the *Artist Series and Pro Tools Guide*.

## Pro Series

**MC Pro** In the Setup screen for any of the three Soft Keys, touch the Command tab, then touch Add > EUCON.

**System 5** Pro Tools EUCON commands are assigned to Smart Keys at the factory. Use the Main Panel to access the EUCON pages, then press the key to select SMRT (Smart Keys). The panel shows the commands available in the default Application Set. The following tables do not reflect the location of commands in the EUCON > Smart Keys pages on System 5.

# Pro Tools EUCON Command Reference

Use this table to locate EUCON-ized Pro Tools commands.



Features listed below with “†” are only available with Pro Tools HD or Pro Tools with Complete Production Toolkit.

## Automation

### Automation

Command	Level 1	Level 2	Level 3
<b>Auto Join †</b>	Automation >	Auto Join	
<b>Join †</b>	Automation >	Join	
<b>Capture †</b>	Automation >	Capture	
<b>Punch Capture †</b>	Automation >	Punch Capture	
<b>Preview †</b>	Automation >	Preview	
<b>Suspend Preview †</b>	Automation >	Suspend Preview	
<b>Punch Preview †</b>	Automation >	Punch Preview	
<b>Suspend Automation</b>	Automation >	Suspend Automation	
<b>Snap Back †</b>	Automation >	Snap Back	
<b>Suspend Trim Automation †</b>	Automation >	Suspend Trim Automation	
<b>AutoMatch †</b>	Automation >	Automatch	
<b>Write Automation to Selection †</b>	Automation >	Manual Write >	Write Automation to Selection
<b>Write Automation to Selection Start †</b>	Automation >	Manual Write >	Write Automation to Selection Start
<b>Write Automation to Selection End †</b>	Automation >	Manual Write >	Write Automation to Selection End
<b>Write Automation to Punch Point †</b>	Automation >	Manual Write >	Write Automation to Punch Point

Automation

Command	Level 1	Level 2	Level 3
<b>Write Automation to Next Breakpoint †</b>	Automation >	Manual Write >	Write Automation to Next Breakpoint
<b>Touch</b>	Automation >	Modes >	Touch
<b>Latch</b>	Automation >	Modes >	Latch
<b>Touch/Latch †</b>	Automation >	Modes >	Touch/Latch
<b>Trim †</b>	Automation >	Modes >	Trim
<b>Off</b>	Automation >	Modes >	Off
<b>Read</b>	Automation >	Modes >	Read
<b>Write</b>	Automation >	Modes >	Write
<b>Snapshots †</b>	Automation >	Snapshots	Snap 1–48
<b>Save Snapshot †</b>	Automation >	Save Snapshot	
<b>Rename Snapshot †</b>	Automation >	Rename Snapshot	
<b>Clear Snapshot †</b>	Automation >	Clear Snapshot	
<b>Toggle Track View on All Tracks</b>	Automation >	Toggle Track View on All Tracks	
<b>Toggle Track View on Tracks with Selection</b>	Automation >	Toggle Track View on Tracks with Selection	
<b>Prev Track View on Tracks with Selection</b>	Automation >	Prev Track View on Tracks with Selection	
<b>Next Track View on Tracks with Selection</b>	Automation >	Next Track View on Tracks with Selection	
<b>Prev Track View on All Tracks</b>	Automation >	Prev Track View on All Tracks	
<b>Next Track View on All Tracks</b>	Automation >	Next Track View on All Tracks	

Automation

Command	Level 1	Level 2	Level 3
<b>Enable Plug-In Automation</b>	Automation >	Write Enable >	Enable Plug-In Automation
<b>Enable Volume Automation</b>	Automation >	Write Enable >	Enable Volume Automation
<b>Enable Send Volume Automation</b>	Automation >	Write Enable >	Enable Send Volume Automation
<b>Enable Pan Automation</b>	Automation >	Write Enable >	Enable Pan Automation
<b>Enable Send Pan Automation</b>	Automation >	Write Enable >	Enable Send Pan Automation
<b>Enable Mute Automation</b>	Automation >	Write Enable >	Enable Mute Automation
<b>Enable Send Mute Automation</b>	Automation >	Write Enable >	Enable Send Mute Automation
<b>Write Automation to Selection on Stop †</b>	Automation >	Write on Stop >	Write Automation to Selection on Stop
<b>Write Automation to Selection Start on Stop †</b>	Automation >	Write on Stop >	Write Automation to Selection Start on Stop
<b>Write Automation to Selection End on Stop †</b>	Automation >	Write on Stop >	Write Automation to Selection End on Stop
<b>Write Automation to Punch Point on Stop †</b>	Automation >	Write on Stop >	Write Automation to Punch Point on Stop
<b>Write Automation to Next Breakpoint on Stop †</b>	Automation >	Write on Stop >	Write Automation to Next Breakpoint on Stop



## Clip Menu

### Clip Menu

Command	Level 1	Level 2	Level 3
<b>Elastic Properties</b>	Clip Menu >	Elastic Properties	
<b>Conform to Tempo</b>	Clip Menu >	Conform to Tempo	
<b>Remove Warp</b>	Clip Menu >	Remove Warp	
<b>Remove Pitch Shift</b>	Clip Menu >	Remove Pitch Shift	
<b>Capture Clip</b>	Clip Menu >	Capture Clip	
<b>Send to Back</b>	Clip Menu >	Send to Back	
<b>Bring to Front</b>	Clip Menu >	Bring to Front	
<b>Group Clips</b>	Clip Menu >	Group Clips	
<b>Ungroup Clips</b>	Clip Menu >	Ungroup Clips	
<b>Ungroup All Clips</b>	Clip Menu >	Ungroup All Clips	
<b>Regroup Clips</b>	Clip Menu >	Regroup Clips	
<b>Edit Lock/Unlock</b>	Clip Menu >	Edit Lock/Unlock	
<b>Time Lock/Unlock</b>	Clip Menu >	Time Lock/Unlock	
<b>Loop Clip</b>	Clip Menu >	Loop Clip	
<b>Unloop Clip</b>	Clip Menu >	Unloop Clip	
<b>Identify/Remove Sync Point</b>	Clip Menu >	Identify/Remove Sync Point	
<b>Rename Clips</b>	Clip Menu >	Rename Clips	
<b>Quantize to Grid</b>	Clip Menu >	Quantize to Grid	
<b>Bypass Clip Gain</b>	Clip Menu >	Clip Gain >	Bypass Clip Gain
<b>Render Clip Gain</b>	Clip Menu >	Clip Gain >	Render Clip Gain
<b>none (Clip Rating)</b>	Clip Menu >	Rating >	None
<b>1</b>	Clip Menu >	Rating >	1

### Clip Menu

2	Clip Menu >	Rating >	2
3	Clip Menu >	Rating >	3
4	Clip Menu >	Rating >	4
5	Clip Menu >	Rating >	5

### Edit Menu

#### Edit Menu

Command	Level 1	Level 2	Level 3
<b>Strip Silence</b>	Edit Menu >	Strip Silence	
<b>Cut</b>	Edit Menu >	Cut	
<b>Copy</b>	Edit Menu >	Copy	
<b>Paste</b>	Edit Menu >	Paste	
<b>Clear</b>	Edit Menu >	Clear	
<b>TCE Edit to Timeline Selection</b>	Edit Menu >	TCE Edit to Timeline Selection	
<b>Heal Separation</b>	Edit Menu >	Heal Separation	
<b>Consolidate Clip</b>	Edit Menu >	Consolidate Clip	
<b>Duplicate</b>	Edit Menu >	Duplicate	
<b>Repeat</b>	Edit Menu >	Repeat	
<b>Shift Selection</b>	Edit Menu >	Shift Selection	
<b>Insert Silence</b>	Edit Menu >	Insert Silence	
<b>Mute/Unmute Clip</b>	Edit Menu >	Mute/Unmute Clip	
<b>Undo</b>	Edit Menu >	Undo	
<b>Redo</b>	Edit Menu >	Redo	

*Edit Menu*

<b>Restore Last Selection</b>	Edit Menu >	Restore Last Selection	
<b>Select All</b>	Edit Menu >	Select All	
<b>Copy to Send</b>	Edit Menu >	Automation >	Copy to Send
<b>Thin</b>	Edit Menu >	Automation >	Thin
<b>Thin All</b>	Edit Menu >	Automation >	Thin All
<b>Convert Clip Gain to Volume Automation †</b>	Edit Menu >	Automation >	Convert Clip Gain to Volume Automation
<b>Coalesce Clip Gain to Volume Automation †</b>	Edit Menu >	Automation >	Coalesce Clip Gain to Volume Automation
<b>Convert Volume Automation to Clip Gain †</b>	Edit Menu >	Automation >	Convert Volume Automation to Clip Gain
<b>Coalesce Volume Automation to Clip Gain †</b>	Edit Menu >	Automation >	Coalesce Volume Automation to Clip Gain
<b>Write to Current †</b>	Edit Menu >	Automation >	Write to Current
<b>Write to All Enabled †</b>	Edit Menu >	Automation >	Write to All Enabled
<b>Trim to Current †</b>	Edit Menu >	Automation >	Trim to Current
<b>Trim to All Enabled †</b>	Edit Menu >	Automation >	Trim to All Enabled
<b>Glide to Current †</b>	Edit Menu >	Automation >	Glide to Current
<b>Glide to All Enabled †</b>	Edit Menu >	Automation >	Glide to All Enabled
<b>Clear Clip Gain</b>	Edit Menu >	Clear Special >	Clear Clip Gain
<b>Clear All Automation</b>	Edit Menu >	Clear Special >	Clear All Automation
<b>Clear Pan Automation</b>	Edit Menu >	Clear Special >	Clear Pan Automation
<b>Clear Plug-In Automation</b>	Edit Menu >	Clear Special >	Clear Plug-In Automation

*Edit Menu*

<b>Copy Selection to Main Playlist</b>	Edit Menu >	Copy Selection to >	Copy Selection to Main Playlist
<b>Copy Selection to New Playlist</b>	Edit Menu >	Copy Selection to >	Copy Selection to New Playlist
<b>Copy Selection to Duplicate Playlist</b>	Edit Menu >	Copy Selection to >	Copy Selection to Duplicate Playlist
<b>Copy Clip Gain</b>	Edit Menu >	Copy Special >	Copy Clip Gain
<b>Copy All Automation</b>	Edit Menu >	Copy Special >	Copy All Automation
<b>Copy Pan Automation</b>	Edit Menu >	Copy Special >	Copy Pan Automation
<b>Copy Plug-In Automation</b>	Edit Menu >	Copy Special >	Copy Plug-In Automation
<b>Cut Clip Gain</b>	Edit Menu >	Cut Special >	Cut Clip Gain
<b>Cut All Automation</b>	Edit Menu >	Cut Special >	Cut All Automation
<b>Cut Plug-In Automation</b>	Edit Menu >	Cut Special >	Cut Plug-In Automation
<b>Cut Pan Automation</b>	Edit Menu >	Cut Special >	Cut Pan Automation
<b>Create Fades</b>	Edit Menu >	Fades >	Create Fades
<b>Delete Fades</b>	Edit Menu >	Fades >	Delete Fades
<b>Fade to Start</b>	Edit Menu >	Fades >	Fade to Start
<b>Fade to End</b>	Edit Menu >	Fades >	Fade to End
<b>Merge</b>	Edit Menu >	Paste Special >	Merge
<b>Repeat to Fill Selection</b>	Edit Menu >	Paste Special >	Repeat to Fill Selection
<b>Paste to Current Automation Type</b>	Edit Menu >	Paste Special >	Paste to Current Automation Type
<b>Change Timeline to Match Edit Selection</b>	Edit Menu >	Selection >	Change Timeline to Match Edit Selection

*Edit Menu*

<b>Change Edit to Match Timeline Selection</b>	Edit Menu >	Selection >	Change Edit to Match Timeline Selection
<b>Play Edit Selection</b>	Edit Menu >	Selection >	Play Edit Selection
<b>Play Timeline Selection</b>	Edit Menu >	Selection >	Play Timeline Selection
<b>Separate Clip at Selection</b>	Edit Menu >	Separate Clip >	Separate Clip at Selection
<b>Separate Clip on Grid</b>	Edit Menu >	Separate Clip >	Separate Clip on Grid
<b>Separate Clip at Transients</b>	Edit Menu >	Separate Clip >	Separate Clip at Transients
<b>Snap to Next</b>	Edit Menu >	Snap to >	Snap to Next
<b>Snap to Previous</b>	Edit Menu >	Snap to >	Snap to Previous
<b>Trim Clip to Selection</b>	Edit Menu >	Trim Clip >	Trim Clip to Selection
<b>Trim Clip Start to Insertion</b>	Edit Menu >	Trim Clip >	Trim Clip Start to Insertion
<b>Trim Clip End to Insertion</b>	Edit Menu >	Trim Clip >	Trim Clip End to Insertion
<b>Trim Clip Start to Fill Selection</b>	Edit Menu >	Trim Clip >	Trim Clip Start to Fill Selection
<b>Trim Clip End to Fill Selection</b>	Edit Menu >	Trim Clip >	Trim Clip End to Fill Selection
<b>Trim Clip to Fill Selection</b>	Edit Menu >	Trim Clip >	Trim Clip to Fill Selection

## Editing

### Editing

Command	Level 1	Level 2	Level 3
<b>Increment Grid Value</b>	Editing >	Inc Grid Value	
<b>Decrement Grid Value</b>	Editing >	Dec Grid Value	
<b>Increment Nudge Value</b>	Editing >	Inc Nudge Value	
<b>Decrement Nudge Value</b>	Editing >	Dec Nudge Value	
<b>Tab to Transient</b>	Editing >	Tab to Transient	
<b>User Time Stamp</b>	Editing >	Clips >	User Time Stamp
<b>Timeline Drop Order</b>	Editing >	Clips >	Timeline Drop Order
<b>Export Clips as Files</b>	Editing >	Clips >	Export Clips as Files
<b>Nudge Clip Gain Up</b>	Editing >	Clips >	Nudge Clip Gain Up
<b>Nudge Clip Gain Down</b>	Editing >	Clips >	Nudge Clip Gain Down
<b>Shuffle mode</b>	Editing >	Edit Modes >	Shuffle
<b>Slip mode</b>	Editing >	Edit Modes >	Slip
<b>Spot mode</b>	Editing >	Edit Modes >	Spot
<b>Grid mode</b>	Editing >	Edit Modes >	Grid
<b>Relative Grid</b>	Editing >	Edit Modes >	Relative Grid
<b>Absolute Grid</b>	Editing >	Edit Modes >	Absolute Grid
<b>Next Edit Mode</b>	Editing >	Edit Modes >	Next Edit Mode
<b>Zoom Tool</b>	Editing >	Edit Tools >	Zoom Tool
<b>Trim Tool</b>	Editing >	Edit Tools >	Trim Tool
<b>Selector Tool</b>	Editing >	Edit Tools >	Selector Tool
<b>Grabber Tool</b>	Editing >	Edit Tools >	Grabber Tool
<b>Scrubber Tool</b>	Editing >	Edit Tools >	Scrubber Tool

Editing

<b>Pencil Tool</b>	Editing >	Edit Tools >	Pencil Tool
<b>Next Edit Tool</b>	Editing >	Edit Tools >	Next Edit Tool
<b>Apply Last Fade</b>	Editing >	Fades >	Apply Last Fade
<b>Nudge Clip Back</b>	Editing >	Nudging & Trimming>	Nudge Clip Back
<b>Nudge Clip Forward</b>	Editing >	Nudging & Trimming>	Nudge Clip Forward
<b>Nudge Clip Contents Back</b>	Editing >	Nudging & Trimming>	Nudge Clip Contents Back
<b>Nudge Clip Contents Forward</b>	Editing >	Nudging & Trimming>	Nudge Clip Contents Forward
<b>Trim Clip Start Back</b>	Editing >	Nudging & Trimming>	Trim Clip Start Back
<b>Trim Clip Start Forward</b>	Editing >	Nudging & Trimming>	Trim Clip Start Forward
<b>Trim Clip End Back</b>	Editing >	Nudging & Trimming>	Trim Clip End Back
<b>Trim Clip End Forward</b>	Editing >	Nudging & Trimming>	Trim Clip End Forward
<b>New Playlist</b>	Editing >	Playlist >	New Playlist
<b>Duplicate Playlist</b>	Editing >	Playlist >	Duplicate Playlist
<b>Delete Unused Audio Playlists</b>	Editing >	Playlist >	Delete Unused Audio Playlists
<b>Delete Unused MIDI Playlists</b>	Editing >	Playlist >	Delete Unused MIDI Playlists
<b>Show Previous Playlist</b>	Editing >	Playlist >	Show Previous Playlist
<b>Show Next Playlist</b>	Editing >	Playlist >	Show Next Playlist
<b>Promote to Main Playlist</b>	Editing >	Playlist >	Promote to Main Playlist

Editing

<b>Edit Selection Start</b>	Editing >	Selection >	Edit Selection Start
<b>Edit Selection End</b>	Editing >	Selection >	Edit Selection End
<b>Edit Selection Length</b>	Editing >	Selection >	Edit Selection Length
<b>Extend Selection Back</b>	Editing >	Selection >	Extend Selection Back
<b>Extend Selection Forward</b>	Editing >	Selection >	Extend Selection Forward
<b>Extend Selection Back and play</b>	Editing >	Selection >	Extend Selection Back and Play
<b>Extend Selection Forward and play</b>	Editing >	Selection >	Extend Selection Forward and Play
<b>Extend Selection to Song Start</b>	Editing >	Selection >	Extend Selection to Song Start
<b>Extend Selection to Next Edit</b>	Editing >	Selection >	Extend Selection to Next Edit
<b>Extend Selection to Prev Edit</b>	Editing >	Selection >	Extend Selection to Prev Edit
<b>Extend Selection to Prev Clip</b>	Editing >	Selection >	Extend Selection to Prev Clip
<b>Extend Selection to Next Clip</b>	Editing >	Selection >	Extend Selection to Next Clip
<b>Extend Selection to Session Start</b>	Editing >	Selection >	Extend Selection to Session Start
<b>Extend Selection to Session End</b>	Editing >	Selection >	Extend Selection to Session End
<b>Move Selection Forward by Selection Amount</b>	Editing >	Selection >	Move Selection Forward by Sel Amount
<b>Move Selection Back by Selection Amount</b>	Editing >	Selection >	Move Selection Back by Sel Amount
<b>Double Selection</b>	Editing >	Selection >	Double Selection



*Editing*

<b>Halve Selection</b>	Editing >	Selection >	Halve Selection
<b>Nudge Selection Back</b>	Editing >	Selection >	Nudge Selection Back
<b>Nudge Selection Forward</b>	Editing >	Selection >	Nudge Selection Forward
<b>Nudge Selection Start Forward</b>	Editing >	Selection >	Nudge Selection Start Forward
<b>Nudge Selection Start Back</b>	Editing >	Selection >	Nudge Selection Start Back
<b>Nudge Selection End Forward</b>	Editing >	Selection >	Nudge Selection End Forward
<b>Nudge Selection End Back</b>	Editing >	Selection >	Nudge Selection End Back
<b>Move Selection Up</b>	Editing >	Selection >	Move Selection Up
<b>Move Selection Down</b>	Editing >	Selection >	Move Selection Down
<b>Extend Selection Up</b>	Editing >	Selection >	Extend Selection Up
<b>Extend Selection Down</b>	Editing >	Selection >	Extend Selection Down

## Event Menu

### Event Menu

Command	Level 1	Level 2	Level 3
<b>Remove Duplicate Notes</b>	Event Menu >	Remove Duplicate Notes	
<b>Beat Detective</b>	Event Menu >	Beat Detective	
<b>MIDI Track Offsets</b>	Event Menu >	MIDI Track Offsets	
<b>MIDI Real-Time Properties</b>	Event Menu >	MIDI Real-Time Properties	
<b>Add Key Change</b>	Event Menu >	Add Key Change	
<b>Identify Beat</b>	Event Menu >	Identify Beat	
<b>Renumber Bars</b>	Event Menu >	Renumber Bars	
<b>All MIDI Notes Off</b>	Event Menu >	All MIDI Notes Off	
<b>Transpose</b>	Event Menu >	Event Operations >	Transpose
<b>Change Velocity</b>	Event Menu >	Event Operations >	Change Velocity
<b>Change Duration</b>	Event Menu >	Event Operations >	Change Duration
<b>Select/Split Notes</b>	Event Menu >	Event Operations >	Select/Split Notes
<b>Quantize</b>	Event Menu >	Event Operations >	Quantize
<b>Input Quantize</b>	Event Menu >	Event Operations >	Input Quantize
<b>Event Operations Window</b>	Event Menu >	Event Operations >	Event Operations Window
<b>Step Input</b>	Event Menu >	Event Operations >	Step Input
<b>Restore Performance</b>	Event Menu >	Event Operations >	Restore Performance
<b>Flatten Performance</b>	Event Menu >	Event Operations >	Flatten Performance
<b>Tempo Operations Window</b>	Event Menu >	Tempo Operations >	Tempo Operations Window
<b>Constant</b>	Event Menu >	Tempo Operations >	Constant

*Event Menu*

<b>Linear</b>	Event Menu >	Tempo Operations >	Linear
<b>Parabolic</b>	Event Menu >	Tempo Operations >	Parabolic
<b>S-Curve</b>	Event Menu >	Tempo Operations >	S-Curve
<b>Scale</b>	Event Menu >	Tempo Operations >	Scale
<b>Stretch</b>	Event Menu >	Tempo Operations >	Stretch
<b>Time Operations Window</b>	Event Menu >	Time Operations >	Time Operations Window
<b>Change Meter</b>	Event Menu >	Time Operations >	Change Meter
<b>Insert Time</b>	Event Menu >	Time Operations >	Insert Time
<b>Cut Time</b>	Event Menu >	Time Operations >	Cut Time
<b>Move Song Start</b>	Event Menu >	Time Operations >	Move Song Start

## File Menu

### File Menu

Command	Level 1	Level 2	Level 3
<b>Quit</b>	File Menu >	Quit >	
<b>New Session</b>	File Menu >	New Session >	
<b>Open Session</b>	File Menu >	Open Session >	
<b>Open Recent</b>	File Menu >	Open Recent >	(list of recent sessions)
<b>Clear Recent Sessions</b>	File Menu >	Open Recent >	Clear Recent Sessions
<b>Close Session</b>	File Menu >	Close Session >	
<b>Save</b>	File Menu >	Save >	
<b>Save As</b>	File Menu >	Save As	
<b>Save Copy In</b>	File Menu >	Save Copy In	
<b>Save As Template</b>	File Menu >	Save as Template >	
<b>Revert</b>	File Menu >	Revert	
<b>Send Via DigiDelivery</b>	File Menu >	Send Via DigiDelivery	
<b>Send to Sibelius</b>	File Menu >	Send to Sibelius	
<b>Get Info</b>	File Menu >	Get Info	
<b>Score Setup</b>	File Menu >	Score Setup	
<b>Print Score</b>	File Menu >	Print Score	
<b>Bounce to Disk</b>	File Menu >	Bounce >	Bounce to Disk
<b>Bounce to QuickTime Movie</b>	File Menu >	Bounce >	Bounce to QuickTime Movie
<b>Export MIDI</b>	File Menu >	Export >	Export MIDI
<b>Export Selected Tracks as AAF/OMF</b>	File Menu >	Export >	Export Selected Tracks as AAF/OMF

*File Menu*

<b>Export Selected Tracks as New Session</b>	File Menu >	Export >	Export Selected Tracks as New Session
<b>Export Session Info as Text</b>	File Menu >	Export >	Export Session Info as Text
<b>Export Sibelius</b>	File Menu >	Export >	Export Sibelius
<b>Import Audio</b>	File Menu >	Import >	Import Audio
<b>Import MIDI</b>	File Menu >	Import >	Import MIDI
<b>Import Session Data</b>	File Menu >	Import >	Import Session Data
<b>Import Clip Groups</b>	File Menu >	Import >	Import Clip Groups
<b>Import Video</b>	File Menu >	Import >	Import Video
<b>Import VENUE Channel Names as Track Names</b>	File Menu >	Import >	Import VENUE Channel Names as Track Names

## Groups

### Groups

Command	Level 1	Level 2	Level 3
<b>Create Edit Group</b>	Groups >	Create Edit Group	
<b>Suspend All Groups</b>	Groups >	Suspend All Groups	
<b>Create Mix Group</b>	Groups >	Create Mix Group	
<b>Modify Group</b>	Groups >	Modify Group	
<b>Delete Group</b>	Groups >	Delete Group	
<b>Create Mix/Edit Group</b>	Groups >	Create Mix/Edit Group	
<b>Duplicate Group</b>	Groups >	Duplicate Group	
<b>Show Only Tracks In Group</b>	Groups >	Show Only Tracks in Group	
<b>Hide Tracks In Group</b>	Groups >	Hide Tracks in Group	
<b>Select Tracks In Group</b>	Groups >	Select Tracks in Group	
<b>Group List</b>	Groups >	Group List >	!: <ALL>, <Group 1>, <Group 2>...(list of Groups)

## Mixing

### Mixing

Command	Level 1	Level 2	Level 3
<b>Mute Tracks with Selection</b>	Mixing >	Mute Tracks with Selection	
<b>Solo Tracks with Selection</b>	Mixing >	Solo Tracks with Selection	

## Navigation

### Navigation

<b>Command</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Show All Tracks</b>	Navigation >	Tracks >	Show All Tracks
<b>Show Selected Tracks</b>	Navigation >	Tracks >	Show Selected Tracks
<b>Show Inactive Tracks</b>	Navigation >	Tracks >	Show Inactive Tracks
<b>Hide All Tracks</b>	Navigation >	Tracks >	Hide All Tracks
<b>Hide Selected Tracks</b>	Navigation >	Tracks >	Hide Selected Tracks
<b>Hide Inactive Tracks</b>	Navigation >	Tracks >	Hide Inactive Tracks
<b>Show Audio Tracks</b>	Navigation >	Tracks >	Show Audio Tracks
<b>Show MIDI Tracks</b>	Navigation >	Tracks >	Show MIDI Tracks
<b>Show Aux Tracks</b>	Navigation >	Tracks >	Show Aux Tracks
<b>Show Master Tracks</b>	Navigation >	Tracks >	Show Master Tracks
<b>Show Instrument Tracks</b>	Navigation >	Tracks >	Show Instrument Tracks
<b>Show VCA Masters †</b>	Navigation >	Tracks >	Show VCA Masters
<b>Hide Audio Tracks</b>	Navigation >	Tracks >	Hide Audio Tracks
<b>Hide Aux Tracks</b>	Navigation >	Tracks >	Hide Aux Tracks
<b>Hide Master Tracks</b>	Navigation >	Tracks >	Hide Master Tracks
<b>Hide Instrument Tracks</b>	Navigation >	Tracks >	Hide Instrument Tracks
<b>Hide MIDI Tracks</b>	Navigation >	Tracks >	Hide MIDI Tracks
<b>Hide VCA Masters †</b>	Navigation >	Tracks >	Hide VCA Masters
<b>Hide and Make Inactive</b>	Navigation >	Tracks >	Hide and make Inactive

Navigation

<b>Send Window</b>	Navigation >	Windows >	Send Window
<b>Mic Pre Window</b>	Navigation >	Windows >	Mic Pre Window
<b>Pan Window</b>	Navigation >	Windows >	Pan Window
<b>Plug-In Window</b>	Navigation >	Windows >	Plug-In Window
<b>Track Size Up</b>	Navigation >	Zoom >	Track Size Up
<b>Track Size Down</b>	Navigation >	Zoom >	Track Size Down
<b>Zoom Toggle</b>	Navigation >	Zoom >	Zoom Toggle
<b>Zoom Preset 1- 5</b>	Navigation >	Zoom >	Zoom Preset 1- 5
<b>Cancel Zoom Toggle</b>	Navigation >	Zoom >	Cancel Zoom Toggle
<b>Fit all tracks in Edit Window</b>	Navigation >	Zoom >	Fit all tracks in Edit Window
<b>Horizontal Zoom in</b>	Navigation >	Zoom >	Horizontal Zoom In
<b>Horizontal Zoom out</b>	Navigation >	Zoom >	Horizontal Zoom Out
<b>Horizontal Zoom to Session</b>	Navigation >	Zoom >	Horizontal Zoom to Session
<b>Horizontal Zoom to Selection</b>	Navigation >	Zoom >	Horizontal Zoom to Selection
<b>Reset Audio Zoom</b>	Navigation >	Zoom >	Reset Audio Zoom
<b>Audio Zoom In</b>	Navigation >	Zoom >	Audio Zoom In
<b>Audio Zoom Out</b>	Navigation >	Zoom >	Audio Zoom Out
<b>MIDI Zoom In</b>	Navigation >	Zoom >	MIDI Zoom In
<b>MIDI Zoom Out</b>	Navigation >	Zoom >	MIDI Zoom Out
<b>MIDI Zoom to Show All Notes</b>	Navigation >	Zoom >	MIDI Zoom to Show All Notes
<b>Horizontal Zoom to Session &amp; Reset Amplitude</b>	Navigation >	Zoom >	Horizontal Zoom to Session & Reset Amplitude



## Navigation

<b>Previous Zoom</b>	Navigation >	Zoom >	Previous Zoom
<b>Horizontal Zoom to Overview Scale</b>	Navigation >	Zoom >	Horizontal Zoom to Overview Scale

## Options Menu

### Options Menu

<b>Command</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Automation Follows Edit</b>	Options Menu >	Automation Follows Edit	
<b>Pre-Fader Metering</b>	Options Menu >	Pre-Fader Metering	
<b>Link Track and Edit Selection</b>	Options Menu >	Link Track and Edit Selection	
<b>Link Timeline and Edit Selection</b>	Options Menu >	Link Timeline and Edit Selection	
<b>Destructive Record</b>	Options Menu >	Destructive Record	
<b>Destructive Punch †</b>	Options Menu >	Destructive Punch	
<b>Prepare DPE Tracks †</b>	Options Menu >	Prepare DPE Tracks	
<b>TrackPunch †</b>	Options Menu >	Track Punch	
<b>Video Track Online</b>	Options Menu >	Video Track Online	
<b>Video out PCIe</b>	Options Menu >	Video out PCIe	
<b>Video out FireWire</b>	Options Menu >	Video out FireWire	
<b>Scrub in Video Window</b>	Options Menu >	Scrub in Video Window	
<b>Mirror MIDI Editing</b>	Options Menu >	Mirror MIDI Editing	
<b>MIDI Thru</b>	Options Menu >	MIDI Thru	
<b>Click</b>	Options Menu >	Click	
<b>Auto-Spot Clips</b>	Options Menu >	Auto-Spot Clips	

## Options Menu

<b>Edit/Tool Mode Keyboard Lock</b>	Options Menu >	Edit/Tool Mode Keyboard Lock	
<b>Delay Compensation</b>	Options Menu >	Delay Compensation	
<b>Mute Frees Assigned Voice †</b>	Options Menu >	Mute Frees Assigned Voice	
<b>Calibration Mode †</b>	Options Menu >	Calibration Mode	
<b>Activate HEAT †</b>	Options Menu >	Activate HEAT	
<b>Low Latency Monitoring</b>	Options Menu >	Low Latency Monitoring	
<b>Loop Playback</b>	Options Menu >	Loop Playback	
<b>Dynamic Transport</b>	Options Menu >	Dynamic Transport	
<b>Transport Online</b>	Options Menu >	Transport Online	
<b>Loop Record</b>	Options Menu >	Loop Record	
<b>Pre/Post-Roll</b>	Options Menu >	Pre/Post-Roll	
<b>QuickPunch</b>	Options Menu >	Quick Punch	
<b>No Scrolling</b>	Options Menu >	Edit Window Scrolling >	No Scrolling
<b>After Playback</b>	Options Menu >	Edit Window Scrolling >	After Playback
<b>Page</b>	Options Menu >	Edit Window Scrolling >	Page
<b>Continuous †</b>	Options Menu >	Edit Window Scrolling >	Continuous
<b>Center Playhead †</b>	Options Menu >	Edit Window Scrolling >	Center Playhead

## Preferences

Preferences

Command	Level 1	Level 2	Level 3
<b>Plug-In Controls Default to Auto-Enabled</b>	Preferences >	Mixing >	Plug-In Controls Default to Auto-Enabled
<b>Suppress Automation “Write To” Warnings †</b>	Preferences >	Mixing >	Suppress Automation “Write To” Warnings
<b>Latching Behavior for Switch Controls in Touch</b>	Preferences >	Mixing >	Latching Behavior for Switch Controls in Touch
<b>Allow Latch Prime in Stop †</b>	Preferences >	Mixing >	Allow Latch Prime in Stop
<b>Coalesce when Removing Slaves from VCA Group †</b>	Preferences >	Mixing >	Coalesce when Removing Slaves from VCA Group
<b>Standard VCA Logic for Group Attributes †</b>	Preferences >	Mixing >	Standard VCA Logic for Group Attributes
<b>Include Sends in Trim Mode †</b>	Preferences >	Mixing >	Include Sends in Trim Mode
<b>Include Control Changes in Undo Queue</b>	Preferences >	Mixing >	Include Control Changes in Undo Queue
<b>Smooth and Thin Data After Pass</b>	Preferences >	Mixing >	Smooth and Thin Data After Pass

## Rulers

### Rulers

Command	Level 1	Level 2	Level 3
<b>Tempo Change</b>	Rulers >	Tempo Change	
<b>Meter Change</b>	Rulers >	Meter Change	
<b>Main Counter Mode</b>	Rulers >	Main Counter Mode	
<b>Sub Counter Mode</b>	Rulers >	Sub Counter Mode	

## Setup Menu

### Setup Menu

Command	Level 1	Level 2	Level 3
<b>Video Sync Offset</b>	Setup Menu >	Video Sync Offset	
<b>Machine Track Arming Profiles †</b>	Setup Menu >	Machine Track Arming Profiles	
<b>Current Feet+Frames Position</b>	Setup Menu >	Current Feet+Frames Position	
<b>Current Timecode Position</b>	Setup Menu >	Current Timecode Position	
<b>External Timecode Offset</b>	Setup Menu >	External Timecode Offset	
<b>Click/Countoff</b>	Setup Menu >	Click/Countoff	
<b>I/O Setup</b>	Setup Menu >	I/O Setup	
<b>Hardware Setup</b>	Setup Menu >	Hardware Setup	
<b>Playback Engine</b>	Setup Menu >	Playback Engine	
<b>Preferences</b>	Setup Menu >	Preferences	
<b>Peripherals</b>	Setup Menu >	Peripherals	
<b>Session Setup</b>	Setup Menu >	Session Setup	

Setup Menu

<b>Disc Allocation</b>	Setup Menu >	Disc Allocation	
<b>MIDI Studio</b>	Setup Menu >	MIDI >	MIDI Studio
<b>MIDI Beat Clock</b>	Setup Menu >	MIDI >	MIDI Beat Clock
<b>Input Filter</b>	Setup Menu >	MIDI >	Input Filter
<b>Input Devices</b>	Setup Menu >	MIDI >	Input Devices

Global

Global

<b>Command</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Faders Off</b>	Global >	Faders Off	
<b>Clear Solo</b>	Global >	Clear Solo	
<b>Clear Mute</b>	Global >	Clear Mute	
<b>Do to All</b>	Global >	Do to All	
<b>Do to Selected</b>	Global >	Do to Selected	
<b>Escape</b>	Global >	Escape	
<b>OK</b>	Global >	Enter	

## Track Menu

### Track Menu

Command	Level 1	Level 2	Level 3
<b>Coalesce Trim Automation †</b>	Track Menu >	Coalesce Trim Automation	
<b>Coalesce VCA Automation †</b>	Track Menu >	Coalesce VCA Automation	
<b>Clear Trim Automation †</b>	Track Menu >	Clear Trim Automation	
<b>New Track</b>	Track Menu >	New Track	
<b>Duplicate Tracks</b>	Track Menu >	Duplicate Tracks	
<b>Delete Tracks</b>	Track Menu >	Delete Tracks	
<b>Make Tracks Active/Inactive</b>	Track Menu >	Make Tracks Active/Inactive	
<b>Split into Mono</b>	Track Menu >	Split into Mono	
<b>Write MIDI Real-Time Properties</b>	Track Menu >	Write MIDI Real-Time Properties	
<b>Clear Clip Indicators</b>	Track Menu >	Clear Clip Indicators	
<b>Set Record Tracks to Input Only</b>	Track Menu >	Set Record Tracks to Input Only	
<b>Scroll to Track</b>	Track Menu >	Scroll to Track	
<b>Create Click Track</b>	Track Menu >	Create Click Track	

# Transport

## Transport

Command	Level 1	Level 2	Level 3
<b>Forward †</b>	Transport >	Locate >	Forward
<b>Back †</b>	Transport >	Locate >	Back
<b>Back and Play †</b>	Transport >	Locate >	Back and Play
<b>Forward and Play †</b>	Transport >	Locate >	Forward and Play
<b>Pre-Roll</b>	Transport >	Locate >	Pre-Roll
<b>Post-Roll</b>	Transport >	Locate >	Post-Roll
<b>Enable Tab to Transients command</b>	Transport >	Locate >	Enable Tab to Transients command
<b>Prev</b>	Transport >	Locate >	Prev
<b>Next</b>	Transport >	Locate >	Next
<b>RTZ (Return to Zero)</b>	Transport >	Locate >	RTZ
<b>Go to Song Start</b>	Transport >	Locate >	Go to Song Start
<b>Go to End of Session</b>	Transport >	Locate >	Go to End of Session
<b>Go to Edit Start</b>	Transport >	Locate >	Go to Edit Start
<b>Go to Edit End</b>	Transport >	Locate >	Go to Edit End
<b>Pro Tools Online</b>	Transport >	Machine Control >	Pro Tools Online
<b>Toggle Transport Master</b>	Transport >	Machine Control >	Toggle Transport Master
<b>9-Pin Remote</b>	Transport >	Machine Control >	9-Pin Remote
<b>Auto Ins Punch</b>	Transport >	Machine Control >	Auto Ins Punch
<b>Ins Assem</b>	Transport >	Machine Control >	Ins Assem
<b>Play/Stop</b>	Transport >	Playback >	Play/Stop
<b>Half-Speed Play</b>	Transport >	Playback >	Half-Speed Play

Transport

<b>Pause (pre-prime deck for instant playback and record)</b>	Transport >	Playback >	Pause
<b>Play</b>	Transport >	Playback >	Play
<b>Stop</b>	Transport >	Playback >	Stop
<b>FF</b>	Transport >	Playback >	FF
<b>Rewind</b>	Transport >	Playback >	Rewind
<b>Count Off</b>	Transport >	Playback >	Count Off
<b>Pro Tools Online</b>	Transport >	Playback >	Pro Tools Online
<b>Wait for Note</b>	Transport >	Record >	Wait for Note
<b>Master Input Monitor</b>	Transport >	Record >	Master Input Monitor
<b>Master Record</b>	Transport >	Record >	Master Record
<b>Record</b>	Transport >	Record >	Record
<b>Abort Recording</b>	Transport >	Record >	Abort Recording
<b>Half-Speed Record</b>	Transport >	Record >	Half-Speed Record
<b>Next Record Mode (cycles through all record modes)</b>	Transport >	Record >	Next Record Mode
<b>MIDI Merge</b>	Transport >	Record >	MIDI Merge
<b>Record Arm Tracks With Selection</b>	Transport >	Record >	Record Arm Tracks With Selection
<b>Input Monitor Tracks With Selection †</b>	Transport >	Record >	Input Monitor Tracks With Selection
<b>Satellite 1–12</b>	Transport >	Satellites >	<Satellite 1> thru <Satellite 12>



## View Menu

### View Menu

Command	Level 1	Level 2	Level 3
<b>Narrow Mix</b>	View Menu >	Narrow Mix	
<b>Track Number</b>	View Menu >	Track Number	
<b>Trim Playlist †</b>	View Menu >	Automation >	Trim Playlist
<b>Composite Playlist †</b>	View Menu >	Automation >	Composite Playlist
<b>Sync Point</b>	View Menu >	Clip >	Sync Point
<b>Processing State</b>	View Menu >	Clip>	Processing State
<b>Name</b>	View Menu >	Clip>	Name
<b>Channel Name</b>	View Menu >	Clip>	Channel Name
<b>Scene And Take</b>	View Menu >	Clip >	Scene And Take
<b>Rating</b>	View Menu >	Clip >	Rating
<b>Overlap</b>	View Menu >	Clip >	Overlap
<b>Clip Gain Line</b>	View Menu >	Clip >	Clip Gain Line
<b>Clip Gain Info</b>	View Menu >	Clip >	Clip Gain Info
<b>Current Time</b>	View Menu >	Clip >	Current Time
<b>Original Time Stamp</b>	View Menu >	Clip >	Original Time Stamp
<b>User Time Stamp</b>	View Menu >	Clip >	User Time Stamp
<b>No Time</b>	View Menu >	Clip >	No Time
<b>Display on All Channels</b>	View Menu >	Clip >	Display on All Channels
<b>Comments</b>	View Menu >	Edit Window Views >	Comments
<b>Mic Preamps</b>	View Menu >	Edit Window Views >	Mic Preamps
<b>Instrument</b>	View Menu >	Edit Window Views >	Instrument
<b>Inserts A-E</b>	View Menu >	Edit Window Views >	Inserts A-E

View Menu

<b>Inserts F-J</b>	View Menu >	Edit Window Views >	Inserts F-J
<b>Sends A-E</b>	View Menu >	Edit Window Views >	Sends A-E
<b>Sends F-J</b>	View Menu >	Edit Window Views >	Sends F-J
<b>I/O</b>	View Menu >	Edit Window Views >	I/O
<b>Real-Time Properties</b>	View Menu >	Edit Window Views >	Real-Time Properties
<b>Track Color</b>	View Menu >	Edit Window Views >	Track Color
<b>All</b>	View Menu >	Edit Window Views >	All
<b>Minimal</b>	View Menu >	Edit Window Views >	Minimal
<b>Bars Beats</b>	View Menu >	Main Counter >	Bars Beats
<b>Minutes:Seconds</b>	View Menu >	Main Counter >	Minutes:Seconds
<b>Timecode</b>	View Menu >	Main Counter >	Timecode
<b>Feet+Frames</b>	View Menu >	Main Counter >	Feet+Frames
<b>Samples</b>	View Menu >	Main Counter >	Samples
<b>Mic Preamps</b>	View Menu >	Mix Window Views >	Mic Preamps
<b>Instrument</b>	View Menu >	Mix Window Views >	Instrument
<b>Inserts A-E</b>	View Menu >	Mix Window Views >	Inserts A-E
<b>Inserts F-J</b>	View Menu >	Mix Window Views >	Inserts F-J
<b>Sends A-E</b>	View Menu >	Mix Window Views >	Sends A-E
<b>Sends F-J</b>	View Menu >	Mix Window Views >	Sends F-J
<b>Delay Compensation</b>	View Menu >	Mix Window Views >	Delay Compensation
<b>Track Color</b>	View Menu >	Mix Window Views >	Track Color
<b>Comments</b>	View Menu >	Mix Window Views >	Comments
<b>All</b>	View Menu >	Mix Window Views >	All

View Menu

<b>Minimal</b>	View Menu >	Mix Window Views >	Minimal
<b>Universe</b>	View Menu >	Other Displays >	Universe
<b>Track List</b>	View Menu >	Other Displays >	Track List
<b>Clips List</b>	View Menu >	Other Displays >	Clips List
<b>MIDI Editor</b>	View Menu >	Other Displays >	MIDI Editor
<b>Bars Beats</b>	View Menu >	Rulers >	Bars Beats
<b>Minutes:Seconds</b>	View Menu >	Rulers >	Minutes:Seconds
<b>Timecode</b>	View Menu >	Rulers >	Timecode
<b>Timecode 2</b>	View Menu >	Rulers >	Timecode 2
<b>Feet+Frames</b>	View Menu >	Rulers >	Feet+Frames
<b>Samples</b>	View Menu >	Rulers >	Samples
<b>Markers</b>	View Menu >	Rulers >	Markers
<b>Tempo</b>	View Menu >	Rulers >	Tempo
<b>Tempo Editor</b>	View Menu >	Rulers >	Tempo Editor
<b>Meter</b>	View Menu >	Rulers >	Meter
<b>Key Signature</b>	View Menu >	Rulers >	Key Signature
<b>Key Signature Staff</b>	View Menu >	Rulers >	Key Signature Staff
<b>Chord Symbols</b>	View Menu >	Rulers >	Chord Symbols
<b>All</b>	View Menu >	Rulers >	All
<b>Minimal</b>	View Menu >	Rulers >	Minimal
<b>Assignments</b>	View Menu >	Sends A-E >	Assignments
<b>Send A</b>	View Menu >	Sends A-E >	Send A
<b>Send B</b>	View Menu >	Sends A-E >	Send B
<b>Send C</b>	View Menu >	Sends A-E >	Send C

View Menu

<b>Send D</b>	View Menu >	Sends A-E >	Send D
<b>Send E</b>	View Menu >	Sends A-E >	Send E
<b>Assignments</b>	View Menu >	Sends F-J >	Assignments
<b>Send F</b>	View Menu >	Sends F-J >	Send F
<b>Send G</b>	View Menu >	Sends F-J >	Send G
<b>Send H</b>	View Menu >	Sends F-J >	Send H
<b>Send I</b>	View Menu >	Sends F-J >	Send I
<b>Send J</b>	View Menu >	Sends F-J >	Send J
<b>Counters</b>	View Menu >	Transport >	Counters
<b>MIDI Controls</b>	View Menu >	Transport >	MIDI Controls
<b>Synchronization</b>	View Menu >	Transport >	Synchronization
<b>Expanded</b>	View Menu >	Transport >	Expanded
<b>Peak</b>	View Menu >	Waveforms >	Peak
<b>Power</b>	View Menu >	Waveforms >	Power
<b>Rectified</b>	View Menu >	Waveforms >	Rectified
<b>Outlines</b>	View Menu >	Waveforms >	Outlines

## Window Menu

### Window Menu

Command	Level 1	Level 2	Level 3
<b>Transport Window</b>	Window Menu >	Transport	
<b>Memory Locations Window</b>	Window Menu >	Memory Locations	
<b>Task Manager</b>	Window Menu >	Task Manager	
<b>Disk Space</b>	Window Menu >	Disk Space	
<b>System Usage</b>	Window Menu >	System Usage	
<b>Automation</b>	Window Menu >	Automation	
<b>Machine Track Arming †</b>	Window Menu >	Machine Track Arming	
<b>Project Browser</b>	Window Menu >	Project Browser	
<b>Color Palette</b>	Window Menu >	Color Palette	
<b>Big Counter</b>	Window Menu >	Big Counter	
<b>Undo History</b>	Window Menu >	Undo History	
<b>Video</b>	Window Menu >	Video	
<b>Video Universe</b>	Window Menu >	Video Universe	
<b>Score Editor</b>	Window Menu >	Score Editor	
<b>MIDI Editor</b>	Window Menu >	MIDI Editor	
<b>MIDI Event List</b>	Window Menu >	MIDI Event List	
<b>Workspace</b>	Window Menu >	Workspace	
<b>Hide All Floating Windows</b>	Window Menu >	Hide All Floating Windows	
<b>Close Window</b>	Window Menu >	Close Window	
<b>Mix</b>	Window Menu >	Mix	
<b>Edit</b>	Window Menu >	Edit	

Window Menu

<b>Mix/Edit Window Toggle</b>	Window Menu >	Mix/Edit Window Toggle	
<b>Tile</b>	Window Menu >	Arrange >	Tile
<b>Tile Horizontal</b>	Window Menu >	Arrange >	Tile Horizontal
<b>Tile Vertical</b>	Window Menu >	Arrange >	Tile Vertical
<b>Cascade</b>	Window Menu >	Arrange >	Cascade
<b>Window Configuration List</b>	Window Menu >	Window Configurations >	Window Configuration List
<b>Recall Window Config &lt;Cfg&gt;</b>	Window Menu >	Window Configurations >	<Win Cfg 1> <Win Cfg 2> and so on thru 99
<b>New Window Configuration</b>	Window Menu >	Window Configurations >	New Window Configuration
<b>Edit Window Configuration</b>	Window Menu >	Window Configurations >	Edit Window Configuration
<b>Clear Window Configuration</b>	Window Menu >	Window Configurations >	Clear Window Configuration
<b>Update Window Configuration</b>	Window Menu >	Window Configurations >	Update Window Configuration
<b>Auto-Update Active Configuration</b>	Window Menu >	Window Configurations >	Auto-Update Active Configuration

## OS Modifiers

### *OS Modifiers*

<b>Command</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Shift</b>	OS Modifiers >	Shift	
<b>Option</b>	OS Modifiers >	Option	
<b>Command</b>	OS Modifiers >	Command	
<b>Control</b>	OS Modifiers >	Control	

## Project

### *Project*

<b>Command</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>
<b>Create Memory Location</b>	Project >	Create Mem Loc	
<b>Edit Mem Loc</b>	Project >	Edit Mem Loc	
<b>Delete Mem Loc</b>	Project >	Delete Mem Loc	
<b>Memory Locations</b>	Project >	Memory Locations >	<Mem Loc 1>, <Mem Loc 2> (list of Memory Locations/Markers)



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