

FADERPORT



User's Manual
Version 1.0



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1 OVERVIEW

1.1 INTRODUCTION

Thank you for purchasing the PreSonus FaderPort. PreSonus Audio Electronics has designed the FaderPort utilizing high-grade components to insure optimum performance that will last a lifetime.

The FaderPort puts the feel, vibe, and efficiency back into music recording and production. No more clicking through menus and drawing automation edits with a mouse. The easy-to-use FaderPort delivers complete transport control for fast and efficient recording along with a motorized fader for writing fades and automation. The high-quality ultra-smooth motorized long throw fader on the FaderPort has the feel needed for recording perfect fades and writing automation in real-time. Pan, mute, solo, and record enable can also be easily controlled with the FaderPort along with window selection, play, stop, record, and managing markers (locate points) for fast and easy recording. A foot switch jack is also included on the FaderPort for hands free punch-in/out recording. The FaderPort works with most Mac or Windows-based recording software including Pro Tools, Cubase, Nuendo, Logic, and more supported software is on the way.

We suggest that you use this manual to familiarize yourself with the features, applications and correct connection procedure for your FaderPort before trying to connect it to your computer. This will hopefully alleviate any unforeseen issues that you may encounter during setup and use.

1 OVERVIEW

1.2 WHAT IS IN THE BOX

Your FaderPort package contains the following:



- FADERPORT



- 6' USB cable



- FaderPort Software Disc



- DC Power Supply

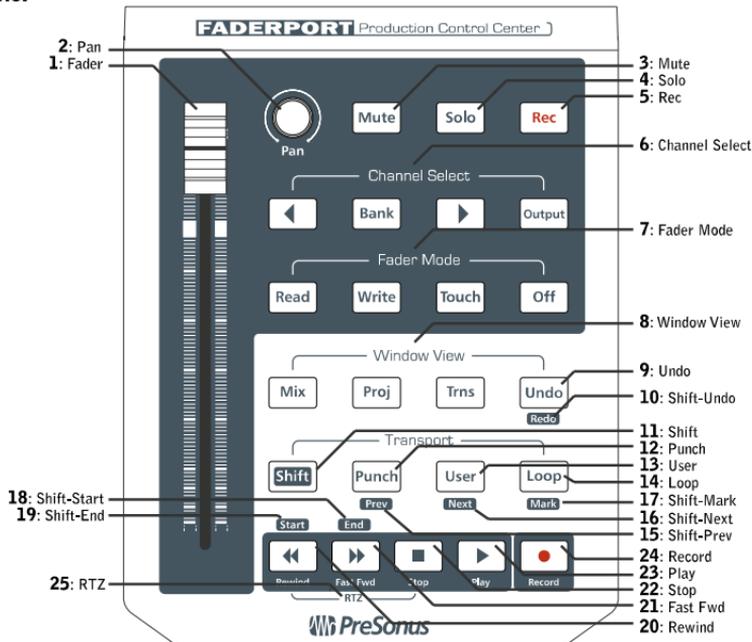


- Warranty Card

1 OVERVIEW

1.3 TOP / REAR PANEL LAYOUT AND OPERATION

Top Panel



1 OVERVIEW

1. Fader Touch-sensitive, ultra-smooth, 100mm long-throw, motorized fader for writing volume automation of single channel and grouped channels.

2. PAN The Pan knob can be used to adjust and set the stereo panning of a selected track as well as writing stereo Pan automation of a selected track.

3. MUTE The Mute button can be used to Mute a selected track as well as writing Mute automation of a selected track.

4. SOLO Press Solo to “solo” a selected track.

5. REC Press Record to “record enable” a selected track.

6. Channel Select Quickly bank through your tracks and access your main output bus fader with these controls. Bank one track at a time with the left and right arrow buttons, or hold the bank button to bank 8 tracks at a time (BANK + < or >). Also, the FaderPort will follow the channel selection within the DAW via keyboard or mouse.

7. Fader Mode Set the selected track’s fader in read, write, and/or touch mode, or turn the fader motor off with these controls. In TOUCH mode, the fader will follow any automation present until it is touched. When touched, it will begin to write new automation until you let go of it. This allows you to quickly change pre-written automation on the fly. To leave your track in read mode in your DAW and eliminate any fader noise, simply set the Fader Mode to OFF.

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8. Window View Open and close your DAW's main windows, and quickly access the 'Undo' and 'Redo' (SHIFT+UNDO) functions with these controls. MIX opens the mixer window, PROJ opens the main project window, and TRNS opens the transport (stop, play, etc) window.

9. UNDO Performs undo function in DAW software.

10. SHIFT-REDO Performs REDO function in DAW software

11. SHIFT The SHIFT key and its functions below or above each button in the Transport and Window View sections. If you press and release the SHIFT button, it will latch on, so you can drop and navigate markers without having to continually hold the SHIFT button down (The button will not latch if you press and hold it).

12. PUNCH In Native mode for Nuendo/Cubase, this button is assigned to turn PUNCH IN ON and OFF according to the set PUNCH IN/OUT region. To manually punch in/out, simply press the RECORD button while the DAW is playing. In HUI mode for Pro Tools and Logic, this button operates as a latching button that allows you to manually "punch record" while playing the project.

13. USER User definable button. In Native mode for Nuendo/Cubase this is assigned to turn post roll off and on.

14. LOOP Engages loop mode in transport. Selected section of project will replay automatically or "loop" when in this mode.

15. SHIFT-PREV Moves cursor to previous set marker.

1 OVERVIEW

16. SHIFT-NEXT Moves cursor to next set marker.

17. SHIFT-MARK While session is playing sets a marker.

18. SHIFT-START Moves cursor to beginning of the main selection region.

19. SHIFT-END Moves cursor to end of the main selection region.

20. REWIND Hold to scroll cursor back on the timeline.

21. FAST FWD Hold to scroll cursor forward on the timeline.

22. STOP Stops play.

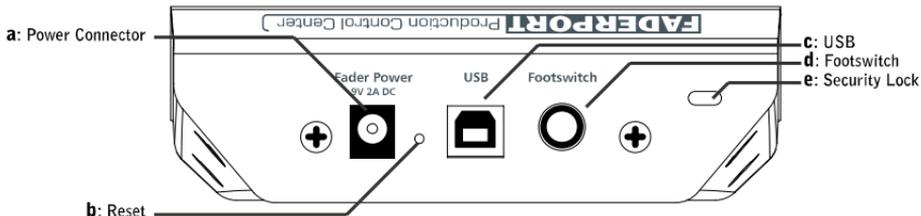
23. PLAY Engages Play.

24. RECORD Engages record for record-enabled tracks.

25. RTZ (return to zero) Press REWIND and STOP simultaneously to return to beginning of project.

1 OVERVIEW

Rear Panel



a. Power Connector Connect the 9V 2A DC power supply here. The motorized fader will not function without this power supply connected.

b. Reset Internal button can be accessed with a pointed object (pen, paperclip, etc), and may be used in the process of a firmware update (please refer to section 4.1 for more info).

c. USB Connect the USB cable from this connector to any USB connector on your computer.

d. Footswitch Connect a footswitch here to control punch ins/outs with a footswitch. The foot switch operates the same way as manually punching in/out in your DAW.

e. Security Lock Used for attaching a lock system to your FaderPort.

1 OVERVIEW

1.4 WRITING AUTOMATION

To write VOLUME, PAN, OR MUTE automation, follow these steps:

- 1.) Select the track to which you wish to write automation.
- 2.) Set the Fader Mode to either write or touch.
- 3.) Play your project and use the Fader, Pan, or Mute to write automation.

1.5 INSTALLATION GUIDE

PC and Mac:

- 1.) Connect the power supply and USB cable to your FaderPort, and the other end of the USB cable to any USB connector on your computer.
- 2.) Windows/OSX will automatically install the class compliant drivers for your FaderPort. You may need to wait a few seconds for your computer to recognize and load the FaderPort USB device.
- 3.) Skip to the appropriate setup section for your DAW.

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1.6 COMPUTER REQUIREMENTS

Windows

- OS: Microsoft Windows XP Service Pack 2 or later
- Computer: Windows compatible computer with USB port (PCI or built-in).
- CPU/Clock: Pentium, with 900Mhz or higher (2.4 GHz recommended)

Macintosh

- OS: MacOS X
- Computer: Apple Macintosh series with USB port (PCI or built-in).
- CPU/Clock: PowerPC G4/800Mhz or higher, all Intel/Mac models.

2 SETUP

2.1 DAW OPERATION MODES

The FaderPort's functionality will vary slightly from DAW to DAW, because each DAW uses different standards and protocols for working with such devices. The FaderPort uses two different modes to work with DAWs:

Native Mode (uses plug-in): Nuendo/Cubase

This mode allows us to customize the performance of the FaderPort within a DAW by creating a plug-in specific to the DAW. This gives us great flexibility in laying out the controls to best fit our device. For details see section 2.2.1 Customizing your Faderport for Nuendo/Cubase p.15.

HUI Emulation Mode: Logic and Pro Tools

In some DAWs, the only way to implement control for a device like the FaderPort is to use HUI emulation. The HUI standard is the most widely protocol for control surfaces, but is not programmable.

The OUTPUT and USER functions are currently not supported in HUI mode (Pro Tools and Logic.)

****The functionality of these features may be included in a future Firmware Update, so it is important to check the PreSonus website (www.presonus.com) periodically for Firmware Update Downloads for the FaderPort.*

2 SETUP

2.2 NUENDO/CUBASE

Note: Cubase LE/SE are not supported.

WINDOWS XP SET UP- NUENDO/CUBASE:

1.) Insert the FaderPort Software Disc in your computer and browse the disc to find the FaderPort.dll file, click on it once and press CTRL+C on the keyboard to copy the file.

2.) Locate the Program Files folder on your hard drive, and browse to .../Steinberg/(Cubase or Nuendo)/Components, and open that folder.

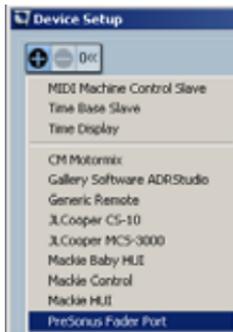


3.) Press CTRL+V to paste the FaderPort.dll file into this folder.

4.) With the FaderPort connected to the computer, open Nuendo/Cubase, and click on Devices/Device Setup.

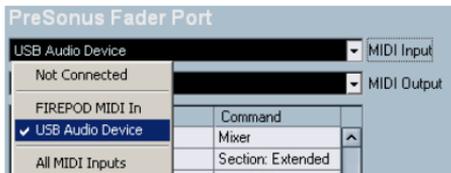
5.) Click on the "+" sign at the top left of the menu.

6.) Choose "PreSonus FaderPort" from the list of devices.



7.) Set the MIDI Input and Output for the FaderPort to USB Audio Device.

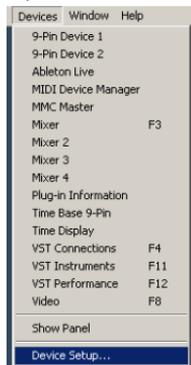
8.) Your FaderPort is now setup to be used in any session of Steinberg Nuendo/Cubase.



2 SETUP

MACINTOSH SET UP - NUENDO/CUBASE:

- 1.) Browse to your Nuendo / Cubase application file on your computer.
- 2.) Right-click or Ctrl-Click on the application icon. Select "Show Package Contents"
- 4.) Open the "contents" folder. Then open the "components" folder. Leave folder open.
- 6.) Insert the FaderPort Software Disc in your computer and browse the disc to find the FaderPort.bundle file, drag this file into the "components" folder.
- 7.) Launch Nuendo/Cubase.



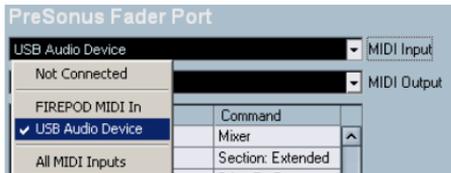
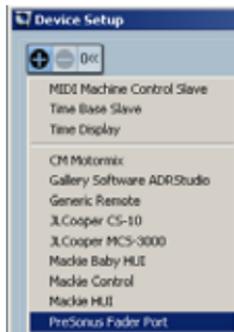
8.) With the FaderPort connected to the computer, open Nuendo/Cubase, and click on Devices/Device Setup.

9.) Click on the "+" sign at the top left of the menu.

10.) Choose "PreSonus FaderPort" from the list of devices.

11.) Set the MIDI Input and Output for the FaderPort to USB Audio Device.

12.) Your FaderPort is now setup to be used in any session of Steinberg Nuendo/Cubase.



2 SETUP

2.2.1 CUSTOMIZE YOUR FADERPORT IN NUENDO/CUBASE

In Native Mode (Nuendo/Cubase) you can further customize the functions of the FaderPort.

To do this in Nuendo/Cubase:

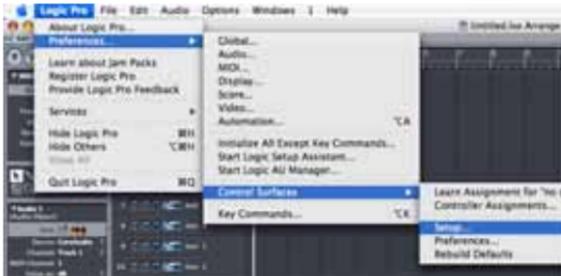
1. open Device Setup.
2. click on PreSonus FaderPort under Remote Devices.



2 SETUP

2.3 LOGIC

Once the FaderPort has been connected to the computer and is automatically installed, follow these instructions to set it up for use with Logic:



1.) Click on Logic Pro/Preferences/(arrow to expand menu)/Control Surfaces/Setup.



2.) Click on New, then click on Install...

2 SETUP

- 3.) Scroll down the list to find Mackie Designs HUI, click on it, and click ADD.
- 4.) Change the Out Port to FaderPort.
- 5.) Change the Input to FaderPort.
- 6.) You are now ready to use the FaderPort in Logic.



2 SETUP

2.4 PRO TOOLS

Once the FaderPort has been connected to the computer, and is automatically installed, follow these instructions to set it up for use with Pro Tools:



- 1.) Go to Setups/ Peripherals.
- 2.) Create one HUI device under MIDI Controllers.
- 3.) Now set the Receive From and Send to menus to USB Audio Device, and set #Ch's to 8.

- 4.) The Faderport should now control Pro Tools.

***Please note that later versions of Pro Tools do not include the HUI control surface plug-in by default. It may either be found on the Pro Tools installer CD in a separate folder or on the Digidesign web site.



3 TECHNICAL INFORMATION

3.1 SPECIFICATIONS

Dimensions.....	7" x 5.25" x 1.75" (18cm x 13cm x 4cm)
Weight	Approximately 1 lb.
USB.....	v1.1, provides FaderPort Logic Power
Fader Motor Power Supply.....	9VDC-1.2Amp

As a commitment to constant improvement, PreSonus Audio Electronics, Inc. reserves the right to change any specification stated herein at any time in the future without notification.

3 TECHNICAL INFORMATION

3.2 TROUBLESHOOTING

Please note that PreSonus will only provide support for issues that directly relate to the FaderPort. It may be necessary to contact the manufacturer of the computer, operating system and/or software to obtain additional technical support. PreSonus does not provide support for issues in regards to operating systems, additional hardware or software.

Please check our website, www.presonus.com regularly for software information and updates, firmware updates, and technical support. Also, technical assistance may be received by calling PreSonus at 225-216-7887 between the hours of 9 am and 6 PM Central Standard Time, or by emailing support@presonus.com.

If you are experiencing trouble with your FaderPort, before contacting tech support try the following:

1. Check your USB cable.
2. Switch USB ports where the FaderPort is connected.
3. Close all other applications and disconnect any unnecessary peripherals.

When contacting technical support, please have the following information at hand:

- 1.) What Operating System and version (ex; Mac OSX 10.4.7) are you running?
- 2.) What DAW software are you using, or do you have access to use with the FaderPort?
- 3.) What, if any, other USB Audio Devices do you have connected to the computer.

4 APPENDIX

4.1 FIRMWARE UPDATES

PreSonus may release periodic firmware updates to enhance the functionality of your FaderPort, which will be available for download at www.presonus.com. To update the firmware on your FaderPort, follow the instructions included with the Firmware Updater download.

4.2 SOFTWARE COMPATIBILITY

Software version compatibility: At the time of printing this manual the FaderPort has been tested and works with the following software and versions:

Cubase SL 2 and later

Cubase SX 2 and later

NOTE: Cubase LE and Cubase SE ver. 1.10 and earlier is not supported.

Nuendo 2 and later

Logic 6 and later

Pro Tools LE ver. 6 and later

Pro Tools ver. 6 and later

Pro Tools M-Powered ver. 6 and later

Note: OUTPUT and USER functions are not currently supported in HUI mode (Pro Tools and Logic). Check www.presonus.com for firmware updates.