Contour Shuttle Device Control Panel

About Contour Shuttle

User's Guide
version 2
Mac OS X

OK

Contour Shuttle device Driver version 2 - What's NEW!

With this new version of the Shuttle device driver, there are no longer two separate installers for ShuttlePRO series devices and ShuttleXpress: this driver supports all Shuttle devices.

This driver version also adds a Shuttle icon (identified by the icon) in the Menu bar. This icon is meant to help you to access the Shuttle configuration window (also known as Shuttle device Control Panel) more easily and to switch between settings faster when multiple application settings are available.

Furthermore, for ShuttlePRO v2 owners, the driver provides a new important feature: the macro support. You will be able to choose amongst existing macros or you can create your own new macros with the Key Composer™.

Installation notes overview

If you are using a Shuttle driver version earlier than 2.x, you must uninstall it before installing the new version (please refer to chapter 7 for guidance on how to accomplish this). Please note that you must <u>export all custom application settings</u> that you would like to save <u>before uninstalling</u>. Customized application settings can be imported after installation of the new driver.

Final Cut Pro and Final Cut Express users on Mac OS 10.3 (Panther) will need to change the keyboard commands used by the Exposé feature in order to fully take advantage of this application. Please refer to the section 'Final Cut PRO and Final Cut Express' on chapter 8 for guidance on how to perform the changes.

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1   Introduction to Shuttle Devices

Contour's Shuttle devices have been designed to enhance the productivity of multimedia content creators, but they also increase productivity in many other types of applications, including:

- graphics and photo editing
- word processing
- spreadsheet manipulation
- internet operations
- medical imaging
- any application that uses key commands

Contour Shuttle devices consist of two (2) components: the ergonomically designed device itself and the software that allows you to manage it.

All Contour Shuttle **devices** have a Jog wheel and a Shuttle ring that are programmable.
The ShuttleXpress has five (5) programmable buttons, the ShuttlePRO has thirteen (13) programmable buttons, and the ShuttlePRO v2 has fifteen (15). The two top rows of buttons on the ShuttlePRO series have removable caps so the included labels can be inserted for quick reference as to which functions each button is programmed to perform.
Buttons, Jog wheel and Shuttle ring will be referred to as Shuttle components.

* Top row of four (4) buttons, numbered 1 through 4, left to right

* Second row of five (5) buttons, numbered 5 through 9, left to right

Left side button, numbered 14

Right side button, numbered 15

Jog Wheel

Shuttle Ring or Shuttle Knob (outer, black, spring-loaded ring)

Third row of two (2) buttons (below the Jog and Shuttle Knob), numbered 10 and 11, left to right

Fourth row of two (2) buttons (just above the palm rest), numbered 12 and 13, left to right

Palm Rest

* The Top row of four (4) buttons and the second row of five (5) buttons contain clear removable key caps for custom labeling.

Fig. 1-1 ShuttlePRO v2 Layout

✱ Top row of four (4) buttons, numbered 1 through 4, left to right

✱ Second row of five (5) buttons, numbered 5 through 9, left to right

Jog Wheel

Shuttle Ring or Shuttle Knob (outer, black, spring-loaded ring)

Third row of two (2) buttons (below the Jog and Shuttle Knob), numbered 10 and 11, left to right

Fourth row of two (2) buttons (just above the palm rest), numbered 12 and 13, left to right

Palm Rest

✱ The Top row of four (4) buttons and the second row of five (5) buttons contain clear removable key caps for custom labeling.

Fig. 1-2 ShuttlePRO Layout

Top row of five (5) buttons, numbered 1 through 5, left to right

Jog Wheel

Shuttle Ring or Shuttle Knob (outer, black, spring-loaded ring)

Palm Rest

Fig. 1-3 ShuttleXpress Layout

The Shuttle device **software** allows you to manage a specific configuration of your Shuttle device for every application you have on your computer.

The software will <u>automatically</u> select the appropriate configuration according to the current active application.

The installation package provides pre-installed settings (factory settings) for many common applications; you can modify these settings at anytime and/or create new settings for other applications, through the Shuttle device Control Panel.

1.1 Installing Shuttle Device Software

It is recommended to **install the software before plugging** your Shuttle device into any available USB port.
Shuttle devices are "plug and play": there is no need to shutdown and restart your computer when you plug or unplug the device from a USB port.

1.1.1 System Requirements

- System running Mac OS 10.1 or later.
- Available USB port. (A direct USB port connection is desirable, but a hub connection will also work. Contour recommends using powered hubs and against using conversion devices, such as USB adapters.)
- 10 Mbyte of hard disk space for the Shuttle device driver installation.

1.1.2 Installation Procedure

Notes:
1) It is recommended that you close all other applications that may be running on your system and that you disable any virus protection software until after the installation is complete.
2) If you have any previous Shuttle devices driver installed on your system, please refer to chapter 7 (Updating or Uninstalling your Shuttle device Software) before proceeding.

Step 1. Locate and **double-click** the .pkg file.

Contour Shuttle.pkg

Step 2. The Authenticate dialog box will prompt you: "Installer requires that you type your passphrase." Type your login password then click **Ok**.
Step 3. A dialog box will prompt you through the rest of the installation process.
Step 4. Select a destination disk to install the Software and click **Continue**.
Step 5. Once installation is complete you should receive a message stating "The software was successfully installed." Click **Restart** to restart your computer.

2 Shuttle Device Control Panel

The Shuttle device Control Panel is the component of the software that allows you to manage your Shuttle device by defining and/or modifying application settings.
Application settings are the individual sets of actions associated to the Shuttle components for a pre-determined application. Stated differently, the Control Panel manages application settings.

Changes performed on the application settings will take effect immediately. The Control Panel does **not** need to be open when you use the Shuttle device.

The software automatically detects the program you are using and automatically switches to the correct application settings associated with the application.

2.1 Control Panel Overview

The Shuttle device Control Panel allows you to manage all Shuttle devices (ShuttlePRO v2, ShuttlePRO and ShuttleXpress). Your Shuttle device will be automatically selected as soon as you plug the device into your computer. The Shuttle device Control Panel is shown in the figure below:

2.2 Opening the Shuttle Device Control Panel

This section briefly describes how to access to the Shuttle device Control Panel.

Step 1. Locate and click on the Shuttle device Helper Menu icon, which is located in the upper right-hand corner of your screen. It is represented by a gray jog and shuttle ring icon.
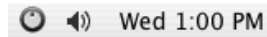
Step 2. Click on **Shuttle Settings** from the pop up menu that appears
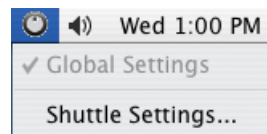
Fig. 2-1 Open the Shuttle device Control Panel through the Menu Icon

When you open the Control Panel, Global Settings is always selected in the Application Setting Menu.

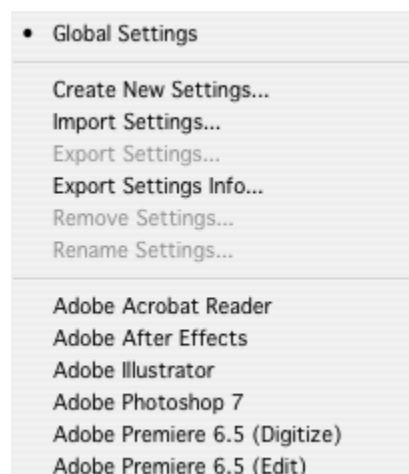> **Note:** the Shuttle device Control Panel can also be accessed through the Applications folder:
> **Step 1.** Place the focus on the **Finder**.
> **Step 2.** Click on the menu **Go** then on the **Applications** submenu.
> **Step 3.** Locate and double-click the **Contour Shuttle** icon.

2.3   Control Panel Components

2.3.1   Application Setting Menu

Global Settings

Create New Settings...
Import Settings...
Export Settings...
Export Settings Info...
Remove Settings...
Rename Settings...

Adobe Acrobat Reader
Adobe After Effects
Adobe Illustrator
Adobe Photoshop 7
Adobe Premiere 6.5 (Digitize)
Adobe Premiere 6.5 (Edit)

This menu stores all of the currently installed application settings. In order to view or customize an application setting you will have to first select it through this menu.

This menu contains a Global Settings selection, which is a setting that is active when the current application doesn't have any specific settings assigned (the application is not targeted).

Let's explain this through an example: in the installation package, Mail doesn't appear in the Application Setting Menu, meaning there are no specific settings for Mail. Therefore, whenever you use the Mail program, your Shuttle device is configured according to the Global Settings. Please refer to paragraph 3.5 for more information about Global Settings.

Adobe Premiere, on the other hand, would use the Adobe Premiere specific settings and NOT Global Settings.

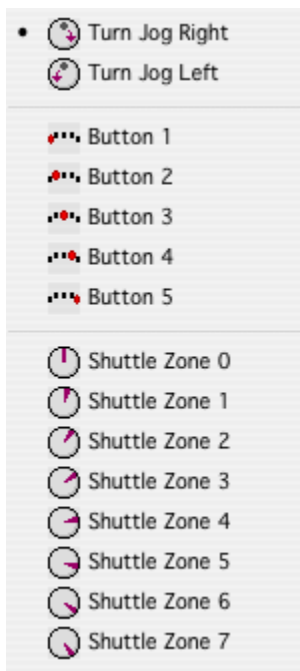This menu also allows you to select functions to work on settings. These functions include:

- **Create New Settings** does what the name implies – selection of this option allow you to create new settings, either from empty settings, or copying from Global settings or the current application selected in the Application Setting Menu.
- **Import Settings** allows you to add a new setting created by Contour, or another Shuttle user, to the existing settings list.
- **Export Settings** allows you to export the setting selected in the Application Setting Menu, in order to share it with other users, or back it up for security. The file that will be created will be located in the folder of your choice. This command is **not** allowed on Global Settings.
- **Export Settings Info** will create a text file that will contain the contents of the Comment field of the actions associated to each of the Shuttle components for all the applications listed in the Application Setting Menu.
- **Remove Settings** allows you to remove the selected setting from the Application Setting Menu. This command is **not** allowed on Global Settings.
- **Rename Settings** allows you to change the selected setting name. This command is **not** allowed on Global Settings.

2.3.2   Device Selection Menu

ShuttlePRO v2
ShuttlePRO
ShuttleXpress
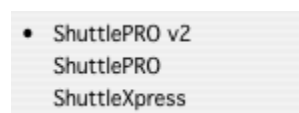
This menu is useful if you have more than one Shuttle device plugged into your computer: it allows you to select which Shuttle device application settings to display and manage.

2.3.3   User Action Menu

- Turn Jog Right
- Turn Jog Left

- Button 1
- Button 2
- Button 3
- Button 4
- Button 5

- Shuttle Zone 0
- Shuttle Zone 1
- Shuttle Zone 2
- Shuttle Zone 3
- Shuttle Zone 4
- Shuttle Zone 5
- Shuttle Zone 6
- Shuttle Zone 7

This menu allows you to choose which button(s) or feature(s) you wish to program. You can select any of the buttons, Jog right or left, Shuttle positions and transitions.

Shuttle positions are points set in intervals along the right and left (clockwise and counterclockwise) sides of the Shuttle Knob. The Shuttle ring has seven (7) distinct zones in each direction and a rest zone.
Shuttle transitions are points in between Shuttle positions.

Note: The primary buttons, Jog directions and Shuttle positions can be accessed more easily by simply clicking the desired button or moving the Jog or Shuttle on the device itself. This will automatically bring its option up in the User Action Menu. In order to access the Shuttle transitions, you MUST use the pull-down menu.

2.3.4   Computer Response Menu

Do Nothing
Same As Lower Value
Switch Settings

- Type Keystroke
Press Modifier Keys
Open File or Folder

Scroll Up
Scroll Down
Scroll Left
Scroll Right

Mouse Click
Double Click
Triple Click
Click Lock
Right Click
Middle Click

Volume Up
Volume Down
Mute Volume
Brightness Up
Brightness Down
Eject

Run Macro

The Computer Response Menu allows you to pick a function that you want a button or other feature to perform:

- **Do Nothing** does what the name implies – selection of this option means that the button or other feature will do nothing.
- **Same as Lower Value** will perform the same function as the immediately previous command on the shuttle knob. This command is **only** allowed on the Shuttle positions.
- **Switch settings** allows you to define any of the Shuttle components to perform as a toggle in cases where an application has more than one application setting defined. This Computer Response will be described in chapter 4.
- **Type Keystroke** on the menu allows you to type a keyboard shortcut in the Keystroke field. The text associated with Keystroke field (Comment field) provides additional guidance.
- **Press Modifier Keys** This option allows you to place one or more Modifier keys in a given target button. The Modifier keys are the Control, Option, Command, Shift and Lock keys.
- **Open File or Folder** allows you to open any file or application.
- **Scroll Up, Down, Left, Right** will allow you to associate a scrolling.
- **Mouse Click, Double Click, Triple Click, Click Lock, Right Click, Middle Click** will allow you to associate one of the click.
- **Volume Up, Volume Down, Mute Volume** will allow you to

adjust the volume through a Shuttle component.
- **Brightness Up, Brightness Down** will allow you to adjust the brightness through a Shuttle component.
- **Eject** allows you to define any of the Shuttle components to eject a CD or a DVD.
- **Run Macro** (ShuttlePRO v2 **only**) allows you to associate one of the available macros to a Shuttle component or to create your own macro.

In the following paragraphs, a detailed description of the Computer Response functions is given.

2.3.4.1 Frequency Menu

The Frequency Menu allows you to specify how many times you want a command to occur. It allows the event to occur once, as fast as possible, or a specified number of times per second, or at slower speeds measured by the number of seconds between occurrences.

Once Only simulates a keystroke pressure immediately followed by its release, while Hold Down simulates a keystroke pressure until the associated Shuttle component is released.

The Frequency Menu is only available if you have selected a Jog direction or a Shuttle position amongst the User Actions AND you have selected one of the following Computer Response:
- Type Keystroke
- Press Modifier Keys
- or any scrolling option

2.3.4.2 Type Keystroke

Choosing this action allows you to type into the Keystroke Field the keyboard shortcuts that you want a button or Jog Wheel or Shuttle position or transition to perform.
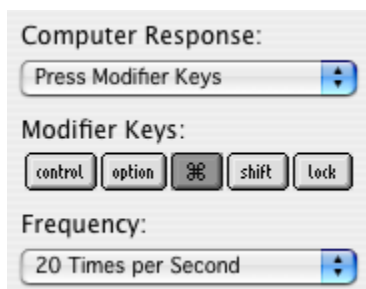
Keystroke Field

2.3.4.3   Press Modifier Keys
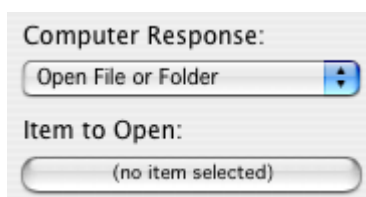
A Modifier key is one of the following keys: Control, Option, Command, Shift, Lock. Modifier keys can be selected one at a time or combined together.

The Press Modifier Keys action is used when you want a button, jog or shuttle position to perform a modifier key.

2.3.4.4   Open File or Folder
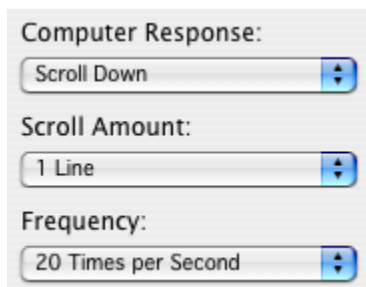
The Open File or Folder menu allows you to choose a file or folder that you wish to open.

Click on the button below "Item to Open" to locate the file, then click on Open.

2.3.4.5   Scroll Up, Scroll Down, Scroll Left, Scroll Right

This action allows you to associate a scrolling feature (scroll up, scroll down, scroll left or scroll right) to a Shuttle component.

You can choose from 1 to 9 lines at a time or scroll by an entire page.

The scrolling frequency can be set through the Frequency Menu, for Shuttle positions, and on Mac OS X, also for Jog positions.

2.3.4.6   Run Macro (ShuttlePRO v2 only)
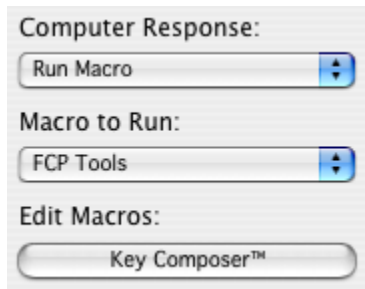
This action allows you to associate to a Shuttle component one of the existing macros by choosing it from the pull-down menu, or to create your own new macro through the Key Composer™. To learn more about how create new macros, refer to chapter 6 (Programming macros with Key Composer™ (ShuttlePRO v2)).

2.3.5   Comment Field
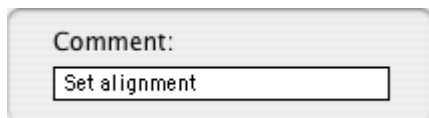
The Comment Field allows you to write a comment about a command. Click the field and type in a description then click OK.

3   Using your Shuttle device

Now that you have become familiar with the Control Panel components, let's move on to using and modifying existing settings.

Before going through the contents of this section, **open the Control Panel** (refer to paragraph 2.2 for guidance on how to accomplish this).

> **Note:** Changes you perform on settings will **take effect immediately**.

3.1   Going through Existing Settings

In order to view the Shuttle components definition for a particular application, perform the steps below:
1. Choose an application from the Application Setting Menu.
2. Press each of the buttons of your Shuttle device controller (or select them in the User Action Menu) to see the computer response associated to the button and the related explanation in the comment field.
3. Move the Jog and the Shuttle on your Shuttle device controller (or select the Jog/Shuttle positions and the Shuttle transitions in the User Action Menu) to see the computer response associated to each position of the Jog and Shuttle components.

For a more general overview of settings functions, proceed to the paragraph below.

3.2   Exporting Settings Info

This function will create a text file that contains the settings information of all Shuttle devices; ShuttlePRO v2 settings will be listed first, ShuttlePRO settings will follow, ShuttleXpress settings will be displayed last.

To create a text file that contains all the settings information:
1. Click on the Application Setting Menu and select **Export Settings Info** from the pull-down menu.
2. A dialog box will prompt you to type a name for the file that will be created and to choose its destination folder. Once you have done so, click on **Save** in the lower right hand of the dialog box.
3. Locate and double-click to open the newly created file. We suggest you print it for your reference when using the application.

3.3   Associating a Function with a Shuttle Component

When you modify an existing or newly created setting, you want to modify the function associated with the Shuttle components.
These steps are general and we will refer to this paragraph often hereafter.

1. Click on the Application Setting Menu and select the application setting you want to modify.
2. Through the User Action Menu, select the Shuttle component you want to assign the function to. You can choose between:
    ▪ button
    ▪ jog
    ▪ Shuttle position
    ▪ Shuttle transition.
3. Click on the **Computer Response Menu** and select the function you wish the Shuttle component to perform. Choose according to the following table, depending on the Mac version you are using:

	Button	Jog Direction	Shuttle Position	Shuttle Transition
Do Nothing	X	X	X	X
Same as Lower Value	**NA**	**NA**	X	**NA**
Switch Settings	X	X	X	X
Type Keystroke	X	X	X	X
Press Modifier Keys	X	X	X	X
Open File or Folder	X	X	X	X
Scroll Up	X	X	X	X
Scroll Down	X	X	X	X
Scroll Left	X	X	X	X
Scroll Right	X	X	X	X
Mouse Click	X	X	X	X
Double Click	X	X	X	X
Triple Click	X	X	X	X
Click Lock	X	X	X	X
Right Click	X	X	X	X
Middle Click	X	X	X	X
Volume Up	X	X	X	X
Volume Down	X	X	X	X
Mute Volume	X	X	X	X
Brightness Up	X	X	X	X
Brightness Down	X	X	X	X
Eject	X	X	X	X
Run Macro	X (*)	X (*)	X (*)	X (*)

(*) Only available for ShuttlePRO v2

Table 1 Computer Response

4. Add a description of the requested action in the Comment Field.

3.4   Modifying Existing Settings

This section explains how to modify a function of the Shuttle device for an existing application setting.

1. Click on the **Application Setting Menu** and select the application setting you would like to modify.
2. Click on the **User Action Menu** and select the Shuttle component whose function you wish to change. Once chosen, you should see it highlighted in the User Action Menu. In order to modify its function, refer to paragraph 3.3 for guidance on how to accomplish this.
3. Repeat step 2 for each Shuttle component you would like to modify.
4. Once you have completed the desired changes, close the Shuttle device Control Panel and use your Shuttle device. The new settings will immediately take effect. (There is no need to restart the computer.)

    Note: you can always remove the setting and re-import it to reverse your changes later.

3.5   Programming Global Settings

Global Settings is a setting that works in all the applications that do not have specific settings listed in the Application Setting Menu. Stated differently, if you have settings defined for a particular application, Global settings will not be activated for that application, since it is meant for general purposes only.

When you open the Control Panel, Global Settings is always selected in the Application Setting Menu. By default, all the Shuttle components in Global Settings are set to Type Keystroke, with the empty Keystroke field.

However, Global Settings can be used to close applications and/or for scrolling purposes. For example, associate:
•   Command+Q (close the current window) to a button,
•   scroll up and down to the jog directions and
•   the left and right arrows to the Shuttle ring positions by varying the frequency.

Global Settings can be modified the same way you would when you modify any other setting, by following the steps of paragraphs 3.4 and 3.3.
In Appendix 1, you will find a step-by-step example on how to program Global Settings on the ShuttlePRO v2, performing the above associations.

4 Multiple application settings

Some applications, such as Adobe Premiere or Final Cut, allow multiple modes of usage. Contour Shuttle devices address some of them by providing multiple sets of application settings for these applications in the installation package.
You can switch between these settings through the Shuttle device Helper, or by programming a Shuttle component to perform the switch.

4.1 Switch settings through the Shuttle device Helper

If you are using an application with multiple application settings, you can switch between them quickly via the Shuttle device Helper.
To switch settings or modes, do the following;
1. With desired application open and in the foreground, click the Shuttle device Helper (found in the Menu Icon. Refer to paragraph 2.2 on page 5.)
2. Notice that the Shuttle device Helper has each setting currently installed for the desired application listed. The current active setting is shown by a small check mark. Click the setting you want to use.
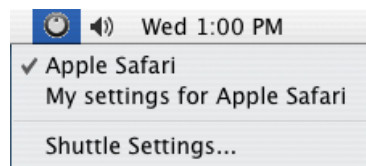
3. Once you have selected the desired setting, you can use it immediately inside the application.

You can also use the Shuttle device Helper to verify that the software is recognizing the application currently in use: the name of the application currently in use will appear in the Menu Icon drop down menu instead of Global Settings.
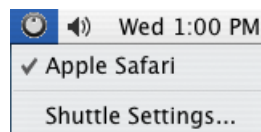

Fig. 4-1 The software is using Apple Safari settings

4.2 Switch settings through a Shuttle component

The 'Switch Settings' Computer Response allows you to define a Shuttle component to perform as a toggle in cases where an application has more than one application setting defined for it.

In order for this option to work efficiently, all settings for a program MUST have this option enabled, preferably all on the same button.

Let's explain this through an example: suppose you have three (3) different settings for a specific program and that Button 1 is defined as 'Switch Settings' for all the three settings. When the program is first loaded, the default setting for this program is the first setting that is listed in the Application Setting Menu. When you press Button 1, you will switch to the second setting. And when you press it again, you will switch to the third setting. Press Button 1 again to go back to the first setting.
Each time you press Button 1 the name of the current setting will flash in the upper left corner of your screen.

5 Programming your Shuttle device

This section will analyze in detail the operations you can perform on settings from the Application Setting Menu. Please note that each of these operations has **effect on the application settings for all Shuttle devices** and that any changes you perform will **take effect immediately**.

Before going through the contents of this section, **open the Control Panel** (refer to paragraph 2.2 for guidance on how to accomplish this).

5.1 Create New Settings

5.1.1 Create New Settings from Existing Settings

This function allows you to create new settings by copying them from existing settings.

1. Click on the Application Setting Menu and select the application setting you would like to copy. (After so doing, you should now see this setting name in the Application Setting Menu).
2. Click on the Application Setting Menu again and select **Create new settings**.
3. Select *either* the second item **Copy from Global Settings**
   or the third **Copy from:** name of the setting selected in step 1.

4. A dialog box will prompt you to locate the target application. Select the application you want the new settings to be associated with and click **Choose** in the right hand of the dialog box.
5. Choose a name for the new setting then click **OK**. The name of the application will now appear in the Application Setting Menu. Refer to paragraph 5.2 to change the application setting name. All the Shuttle components are set the same as the setting in which you copied them from. Refer to paragraph 3.3 for guidance on how to modify their function.
6. Once you have completed the desired changes, close the Shuttle device Control Panel. You are ready to use the setting(s) within the selected application of your choice.

   <u>Note:</u> you will create the application settings for **all** Shuttle devices.

5.1.2   Create Empty Settings

This function allows you to create new settings for any application on your computer. This application should meet one of the following criteria:
– allow keyboard shortcuts to various functions within the application,
– support scrolling and/or moving along time lines or frames.

Before analyzing the procedure itself, here are a couple of tips that can be useful when you want to create new settings from scratch.
For the buttons:
1. create a list of all the keyboard shortcuts available for your application.
2. identify the ones you use most frequently.
3. associate the keyboard shortcuts to the buttons in the way that is most comfortable and efficient for you.

Jog and Shuttle are very useful for scrolling and/or moving along a time line or time frame.
The Shuttle positions are usually associated with the same Computer response, but the related frequencies will differ.

In order to create new settings:
1. Click on the Application Setting Menu and select **Create new settings**.
2. Click on the first item **Create Empty Settings**.

3. A dialog box will prompt you to locate the target application. Select the application you want to create settings for and click **Choose** in the right hand of the dialog box. The file you should select is normally the executable file (.app) for the application.
4. Choose a name for the new setting then click **OK**. The name of the setting will now appear in the Application Setting Menu. Refer to paragraph 5.2 to change the setting name. All the Shuttle components are set by default to Type Keystroke with empty Keystroke field. Refer to paragraph 3.3 for guidance on how to modify their function.
5. Close the Shuttle device Control Panel and use the setting(s) within the selected application of your choice.

    Notes:
    1) You will create the application settings for **all** Shuttle devices.
    2) It is strongly recommended that you set up **all of the Shuttle positions**. If you do not want a Shuttle Knob position to perform a function, then set that position to *Do Nothing* or *Same as Lower Value*.

5.2   Import Settings

Note: This import capability exists ONLY when an established setting is available. An alternate approach could be to export a setting and, in so doing, give it a different name – the one you want to use for a future import.

1. Click on the Application Setting Menu and select **Import settings**.
2. Locate the setting you wish to import.
3. Once you have chosen the setting you want to import click **Choose**. This setting will now appear in the Application Setting Menu.

Note: Once the Application Settings have been imported, you can use the settings immediately, with or without the Control Panel open.

5.3   Export Settings

If you want to export an application set, in order to share it with other users, or back it up for security:
1. Click on the Application Setting Menu and select the application setting you would like to export. (After so doing, you should now see this setting name highlighted in the Application Setting Menu).
2. Click on the Application Setting Menu again and select **Export settings** from the pull-down menu.
3. A dialog box will prompt you to type a name for the file that will be created and to choose its destination folder. Once you have done so, click on **Save** in the lower right hand of the dialog box.

5.4   Remove Settings

You may want to remove (delete) an application setting from the application settings list.

Notes:
1) The operation **can't be undone**.
2) With this operation you will remove the application settings for **all** Shuttle devices.

1. Click on the Application Setting Menu and select the application setting you would like to remove. (You should now see this setting name in the Application Setting Menu).
2. Click on the Application Setting Menu again and select **Remove settings**.
3. A dialog box will prompt you: "Do you want to remove your custom application settings for "name of the selected application"?". Click **Remove**. The application setting is now removed from the Application Setting Menu.

Note: you can import the same setting again later as we maintain a list of settings available for download on our website. This is sometimes useful as well when Contour releases a new version of settings for a particular application that we have found a better solution for.

5.5   Rename Settings

If you want to rename an application setting:

1. Click on the Application Setting Menu and select the application setting you would like to rename. (You should now see this setting name in the Application Setting Menu).
2. Click on the Application Setting Menu again and select **Rename Settings** from the pull-down menu.
3. Enter a name of your choice (up to 31 characters) in the Application Setting field. You MUST use a different name for each setting.
4. Press **OK** on your keyboard to save the new name.

6 Programming macros with Key Composer™ (ShuttlePRO v2 only)

This section will analyze in detail how to create new macros for your **ShuttlePRO v2** with the Key Composer.

A macro is an automated sequence of actions (divided in one or more groups) that can be stored and then recalled with a single Shuttle component. By action we mean: keystroke combinations, keystroke sequences (text) or pause events. An event on the Shuttle component associated to a macro corresponds to the execution of **one single** group of action(s).

```
                            Macro
                         ┌──────────────────┐
                    ┌──►│Group 1  ┌────────┐ │
                    │    │         │action 1│ │
                    │    │         │action 2│ │
                    │    │         │   |    │ │
                    │    │         │   |    │ │──┐  1 event on the
                    │    │         │   |    │ │  │  Shuttle component
                    │    │         └────────┘ │  │
                    │    │Group 2  ┌────────┐ │◄─┘
                    │    │         │action 1│ │
                    │    │         │action 2│ │
  1 event on the    │    │         │   |    │ │
  Shuttle component │    │         │   |    │ │──┐  1 event on the
                    │    │         │   |    │ │  │  Shuttle component
                    │    │    |    └────────┘ │◄─┘
                    │    │    |              │
                    │    │    |              │──┐  1 event on the
                    │    │Group n  ┌────────┐ │  │  Shuttle component
                    │    │         │action 1│ │◄─┘
                    │    │         │action 2│ │
                    │    │         │   |    │ │
                    └────│         │   |    │ │
                         │         │   |    │ │
                         │         └────────┘ │
                         └──────────────────┘
```
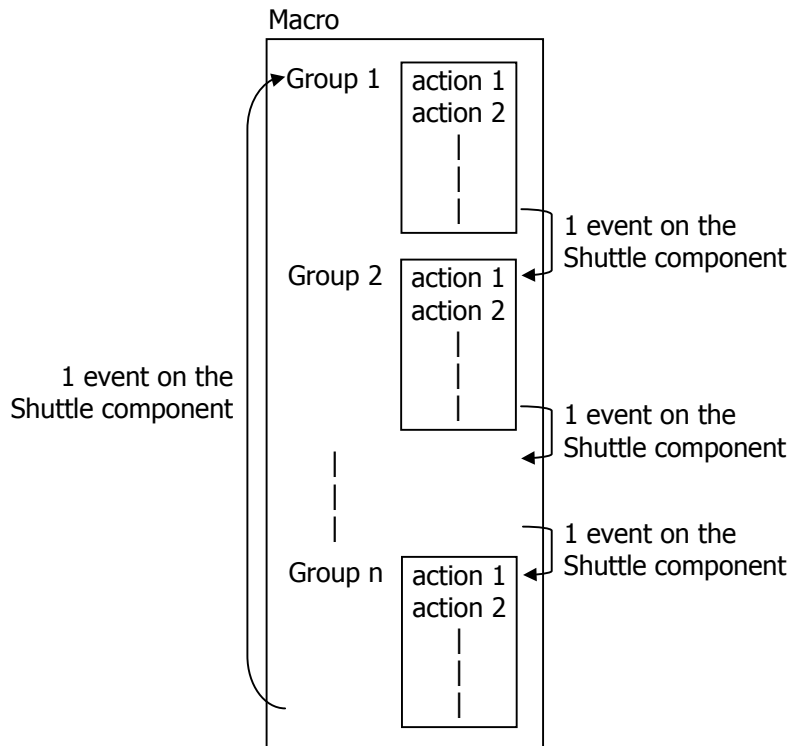
This definition leads to two different kinds of macros:
- macros composed by one group of actions,
- macros composed by two (2) or more groups of actions, also called step-by-step macros. Step-by-step macros are very useful to switch views or to toggle between tools.

In order to create a new macro, you first have to:
1. Open the Control Panel (please refer to paragraph 2.2 for guidance on how to accomplish this)
2. In the Application Settings Menu, select the application for which you want to create a macro.
3. From the User Action Menu, select the Shuttle component you want to associate a macro to.
4. Select **Run Macro** from the Computer Response Menu.
5. Click on the **Key Composer™** button. This will launch the Key Composer application that will allow you to create your macro.

Once the Key Composer is open:
1. Click on **New** in the Key Composer window.
2. Choose a name for the new macro then click **OK**. The name of the macro will now appear in the Macro Selection Menu.
3. In the Action Sequence window, click on **New Action** to create a new action in an existing group, click on **New Group** to create a new empty group.
4. By clicking on New Action, a dialog box will prompt you to choose if you want to type a keystroke combination or some text, or if you want to associate a pause event.
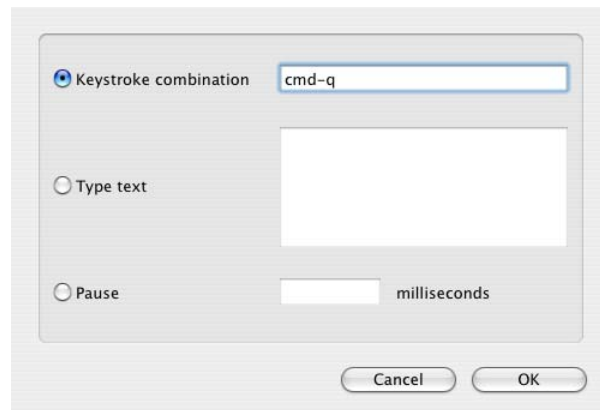
Select the option you prefer, than click **OK** in the lower right hand corner of the dialog box. The newly created action will appear in the Action Sequence window in the previously selected group.
5. Repeat steps 1 and 4 for as many macros and actions as you want to add.

Let's explain how macros work through two examples. We will create:
- one macro composed by one group of multiple actions,
- one macro composed by multiple groups of actions.

6.1 Macro with one group of multiple actions

Let's create a macro that will add Contour Design's signature (with the bold font) in TextEdit and let's say we want to associate this macro to Button 1 of your ShuttlePRO v2.

Here are all the actions we would perform within TextEdit to type the signature:
1. enable the bold style by pressing cmd-b
2. type "Contour Design, Inc."
3. press the Return key
4. type "10 Industrial drive"
5. press the Return key
6. type "Windham, NH   03038"
7. press the Return key
8. disable the bold style by pressing cmd-b

Let's create a macro based on these actions:

In the Shuttle device Control Panel:
1. In the Application Settings Menu, select **Apple TextEdit**
2. From the User Action Menu, select **Button 1**.
3. Select **Run Macro** from the Computer Response Menu.
4. Click on the **Key Composer™** button to launch the Key Composer application.

In the Key Composer window:
5. Click on New in the Macro selection window.
6. Type **Signature** then click OK.
7. Click on New Action in the Action Sequence window.
8. Choose Keystroke combo from the dialog box and type **cmd-b** (to enable the bold font).
9. Click on New Action in the Action Sequence window.
10. Choose Type text from the dialog box and type **Contour Design, Inc.**.
11. Click on New Action in the Action Sequence window.
12. Choose Keystroke combo from the dialog box and hit **return**.
13. Click on New Action in the Action Sequence window.
14. Choose Type text from the dialog box and type **10 Industrial drive**.
15. Click on New Action in the Action Sequence window.
16. Choose Keystroke combo from the dialog box and hit **return** (to enable Font Style field).
17. Click on New Action in the Action Sequence window.
18. Choose Type text from the dialog box and type **Windham, NH   03038**.
19. Click on New Action in the Action Sequence window.
20. Choose Keystroke combo from the dialog box and hit **return**.
21. Click on New Action in the Action Sequence window.
22. Choose Keystroke combo from the dialog box and type **cmd-b** (to disable the bold font).
23. Type the description of your choice in the description field, for example: This macro adds Contour Design's signature.
24. Close the Key Composer application.

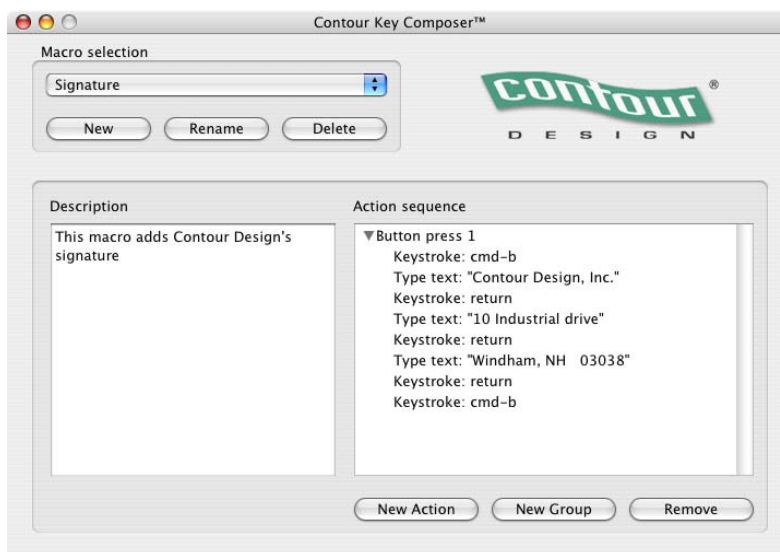Your newly created macro will be displayed as depicted in Fig. 6-1.

Fig. 6-1

From the Shuttle device Control Panel you will now be able to associate the newly created macro to Button 1 of your ShuttlePRO v2, by simply choosing it from the Macro to Run Menu (see Fig. 6-2).

Pressing Button 1 will play through **all the actions** shown in the Action sequence window.

Fig. 6-2

6.2 Macro with multiple groups of actions

Let's create a macro that allows you to switch between views (Fit in Window, Actual Size, Fit Width, Fit Visible, Full Screen) within Acrobat Reader and let's say we want to associate this macro to Button 7 of your ShuttlePRO v2.

You usually select views by using the mouse or by typing a keystroke sequence on your keyboard, specifically by clicking on View on the toolbar then going down to Fit in Window (or typing cmd-0), Actual Size (cmd-1), Fit Width (cmd-2) or Fit Visible (cmd-3), or by clicking on Window on the toolbar then going down to Full Screen View (cmd-l).

Let's create a step-by-step macro based on these actions:

In the Shuttle device Control Panel:
1. In the Application Settings Menu, select **Adobe Acrobat Reader**
2. From the User Action Menu, select **Button 7**.
3. Select **Run Macro** from the Computer Response Menu.
4. Click on the **Key Composer™** button to launch the Key Composer application.

In the Key Composer window:
5. Click on New in the Macro selection window.
6. Type **Acrobat Reader – Switch views** then click OK.
7. Click on New Action in the Action Sequence window (this action will be created in the already existing group).

8. Choose <u>Keystroke combo</u> from the dialog box and type **cmd-0** (to select the Fit in Window view).
9. Click on <u>New Group</u> in the Action Sequence window.
10. Click on <u>New Action</u> in the Action Sequence window.
11. Choose <u>Keystroke combo</u> from the dialog box and type **cmd-1** (to select the Actual Size view).
12. Click on <u>New Group</u> in the Action Sequence window.
13. Click on <u>New Action</u> in the Action Sequence window.
14. Choose <u>Keystroke combo</u> from the dialog box and type **cmd-2** (to select the Fit Width view).
15. Click on <u>New Group</u> in the Action Sequence window.
16. Click on <u>New Action</u> in the Action Sequence window.
17. Choose <u>Keystroke combo</u> from the dialog box and type **cmd-3** (to select the Fit Visible view).
18. Click on <u>New Group</u> in the Action Sequence window.
19. Click on <u>New Action</u> in the Action Sequence window.
20. Choose <u>Keystroke combo</u> from the dialog box and type **cmd-l** (to select the Full Screen View).
21. Type the description of your choice in the description field, for example: This macro allows to switch between views in Acrobat Reader.
22. Close the Key Composer application.

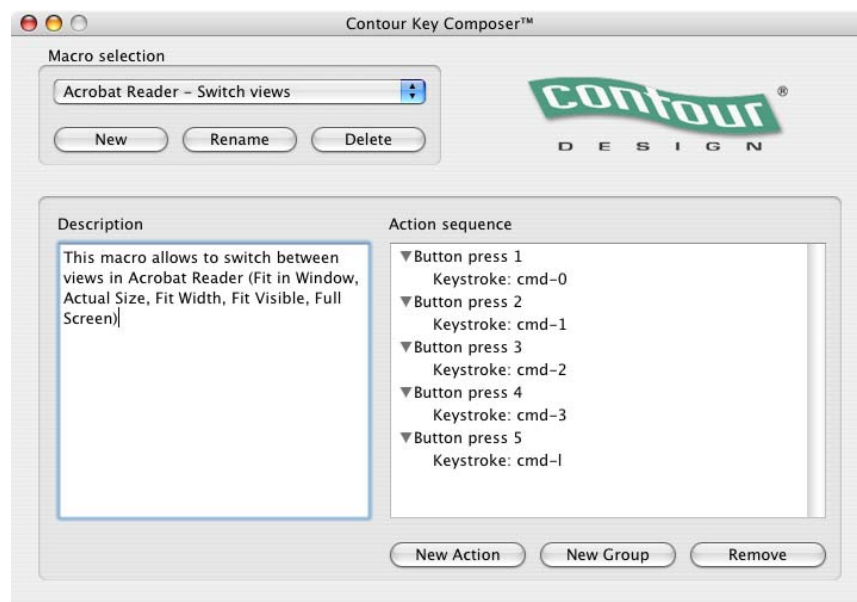Your newly created macro will be displayed as depicted in Fig. 6-3.

Fig. 6-3

From the Control Panel you will now be able to associate the newly created macro to Button 7, as shown in Fig. 6-4.

Each time you press Button 7, you will cycle between groups of actions, by executing the next group of the list. Once the last group has been played, the next pressure of Button 7 will reset the execution point to the first group in the list.
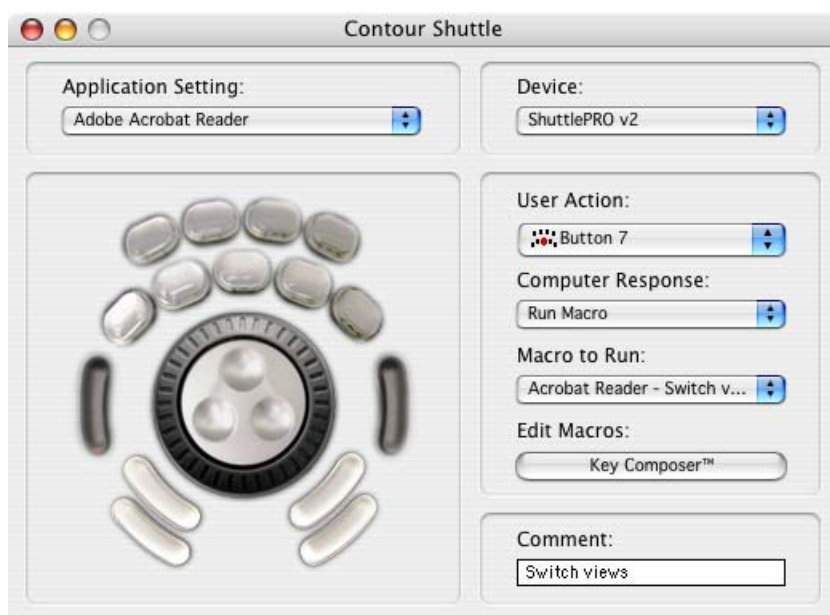

Fig. 6-4

Tip: by creating this macro, the Acrobat Reader setting can be further changed, since the actions performed by buttons 10, 11, 12 and 13 have been included in the macro. You can for example program these buttons to:

User Action	Keystroke field	Comment
Button 10	cmd-w	Close File
Button 11	cmd-f	Search
Button 12	cmd-q	Quit Acrobat
Button 13	cmd-d	Document Properties

6.3   Modifying macros

This section describes the behavior of the buttons that act on the steps of a macro:

New Action   New Group   Remove

- **New Action button** This button allows you to add an action below the selected action or group.
  If nothing is selected in the Action Sequence sub-window, the new action will be added after the last action of the last group.

- **New Group button (new Button Press)** This button allows you to add a new group or to create a group of existing actions, depending on the current selection:
  - if a group is selected, a new group will be created before the existing group;
  - if an action is selected, the selected action and all the actions listed below it will be grouped under a new Button Press.

- **Remove button**
  When an **action** is selected the action will be removed.

  When a **group** is selected:
  - if it's expanded, the Button Press is deleted and the actions of this group will be added to the previous group, as shown in Fig. 6-5 and Fig. 6-6.
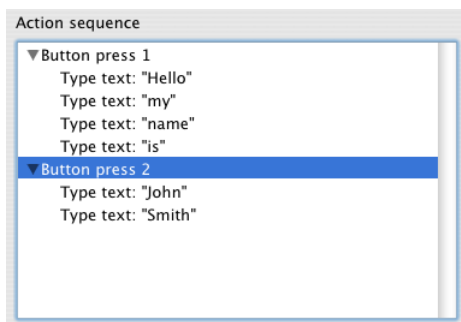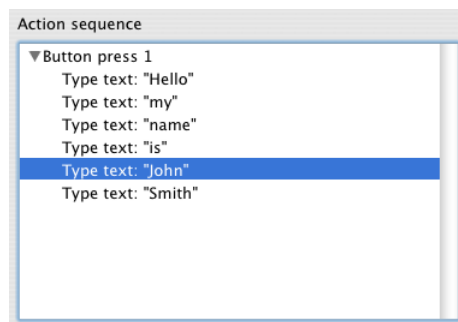

Fig. 6-5	**Fig. 6-6**

  - if it's collapsed, the whole group is deleted (see Fig. 6-7 and Fig. 6-8).
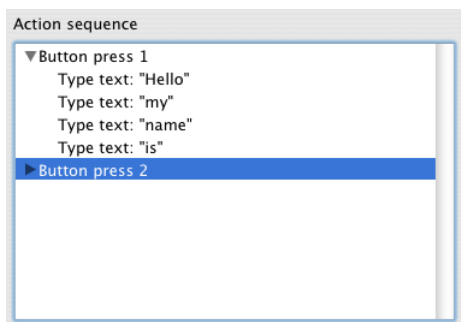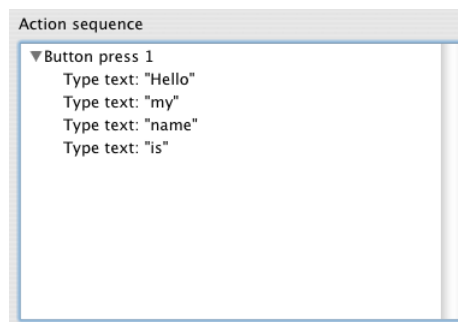

Fig. 6-7	**Fig. 6-8**

7   Updating or Uninstalling your Shuttle device Software

Periodically, Contour provides new software updates on the website for downloading. We encourage you to stay current with your software to avoid incompatibilities with applications and setting features. Shuttle Device software is available at: http://www.contourdesign.com.

You will have to uninstall the existing software version before installing the new version.
When uninstalling, you'll be prompted whether to remove or keep the existing settings in the Control Panel.

If you choose the **Remove** option, it is strongly recommended that <u>before uninstalling the software</u>, you export any application settings that you have created or modified (or write down all parameters for each setting that you wish to keep and use later on). You will have to import saved application settings or reprogram all custom application settings into the newly installed version.
Please refer to paragraph 5.3 for guidance on how to export settings.

> **Note:** by choosing the Remove option, **all settings** (either factory, customized or user-made) **of any user on the system will be deleted**.

If you choose the **Keep** option, you will have to update the factory settings list manually after installing the new software version.

7.1   Updating from version 1.x

You will have to uninstall version 1.x before installing the new version (2.0 or later). The uninstaller is included in the 2.x driver package and will remove **all** settings within the Control Panel.

It is strongly recommended that <u>before uninstalling the software you export any application settings that you have created or modified</u> (or write down all parameters for each setting that you wish to keep and use later on). Customized application settings can be imported after installation of the new driver.

New settings are included in the new driver.

For uninstalling instructions, please refer to the next paragraph.

7.2   Uninstalling Shuttle Device Software

This section describes how to uninstall the Shuttle Device software.

> **Note:** This process can't be undone.

Step 1.   Locate and **double-click** the Uninstaller.

Uninstall Contour Shuttle

Step 2.   A dialog box will prompt you: "Click the Uninstall button to remove the Contour Shuttle driver from your system." Click **Uninstall**.

Step 3.   A dialog box will prompt you to choose whether to remove or keep your settings. If you click Remove Settings, all settings of any user on the system will be lost.

Step 4.   The Authenticate dialog box will prompt you: "Uninstall requires that you type your passphrase." Type your login password then click **Ok**.

Step 5.   A dialog box will now prompt you stating that "The Contour Shuttle driver was successfully uninstalled. Please restart your Macintosh to fully disable the driver." Click **OK**.
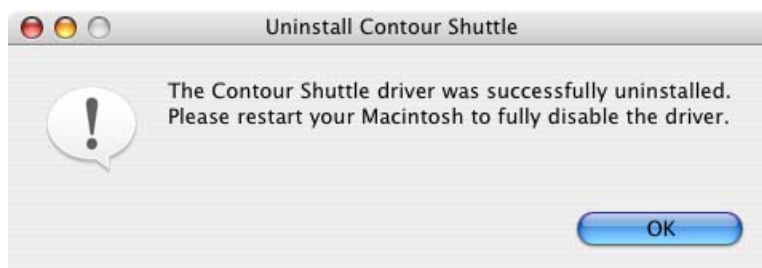
Step 6.   Restart your computer.

7.3   Updating your Application Settings List

In order to begin, you must complete the following:
1. Log on to our website and locate the **Downloads** section.
2. Download the Shuttle device Application Settings only and store the file in a folder of your choice on your system.
3. Open the Shuttle device Application Settings Folder.
4. Peruse the list and see which Application Setting you are apt to use.
5. Double-click on the settings you want to use with your Shuttle device. As you double-click, you will see the settings appear in the Application Setting Menu in the Control Panel. Or follow the directions in paragraph 5.2.

8   Troubleshooting / Frequently Asked Questions (FAQ)

8.1   General topics

Q: I have lost one of the clear button/key caps on my ShuttlePRO device. How can I get a replacement?

A: You can request replacement button/key caps by email or calling our customer support center.

Q: How long of a cable can I use to connect my Shuttle device?

A: The USB specification limits the length of a cable for a low speed device to 3 meters (9 feet 10 inches). For more information about connecting USB devices please check out www.usb.org for current USB specifications

Q: How do you configure the Shuttle device Control Panel so it defaults to a specific application setting, and not the Global Setting that it defaults to every time I open it?

A: The Shuttle device Control Panel is used only to manage your application settings. You do not select the application setting you would like to currently use from the Shuttle device Control Panel. Each application setting is associated to the application it supports, and will automatically be enabled when you launch the application.

Q: My Shuttle device does not function: when I open the Control Panel it displays the message "**No Device Found**".

A: Please try the following:
1. Log in using an Administrator account.
2. Launch "/Applications/Utilities/Disk Utility".
3. Go to the "First Aid" tab, select the boot disk in the list on the left side of the window, then click "Repair Disk Permissions".
4. Wait until the repair process is done- usually takes several minutes.
5. Launch "/Applications/Utilities/Terminal".
6. Type "sudo touch /System/Library/Extensions" and hit return.
7. When prompted for a password, enter the Administrator password (i.e. the password of the Admin account you logged it with).
8. Restart your Mac.
(For initial testing please plug the Shuttle device directly into one of the USB ports on the system.)

Q: Why is the Shuttle Helper icon missing from all user accounts except the one in which I installed the driver from?

A: You must open the Contour Shuttle application (located in your Applications folder) once for each user account. The icon will then appear each time that user logs in.

Q: How do I switch between different settings within the same application?

A: If there is more than one application setting for an application, you can switch settings by selecting it through the Shuttle device Helper or by programming a button to switch the settings. Please refer to chapter 4 for guidance on how to accomplish this.

Q: How do I remove the Shuttle Helper icon from the Menu bar?
A: To remove it temporarily (it will appear again when you restart your computer), please perform steps 1. to 3. depending on your OS X version:

    A. If you are running <u>Mac OS 10.3</u>
       1. Launch /Applications/Utilities/Activity Monitor
       2. Select the process called ContourShuttleMenu.
       3. Click on Quit Process and confirm.

    B. If you are running <u>Mac OS 10.1 or 10.2</u>
       1. Launch /Applications/Utilities/Process Viewer
       2. Select the process called ContourShuttleMenu.
       3. Force quit the process by typing option+cmd+Q. This will remove the menu temporarily.

If you now want to remove it permanently, please proceed with steps 4. to 9.
       4. Open the Applications folder, control-click the Contour Shuttle icon and select Show Package contents.
       5. Go to Contents/Resources
       6. Control-click the ContourShuttleHelper icon and select Show Package contents.
       7. Go to Contents/Resources
       8. Create a folder called "Disabled".
       9. Move ContourShuttleMenu into the Disabled folder.

8.2 Applications specific topics

Apple Final Cut PRO and Final Cut Express (ShuttlePRO v2 and ShuttlePRO users on Mac OS 10.3)

Q: I have a ShuttlePRO device on Mac OS 10.3 and the Insert Edit command and the Overwrite Edit command don't do what they're supposed to do.
A: This happens because the Exposé feature of Mac OS 10.3.x (Panther), by default, uses two of the same keyboard commands as Final Cut. The "All windows" command of Exposé is F9, which is also the "Insert Clip" command of Final Cut. The "Application windows" command of Exposé is F10, which is also the "Overwrite Edit" command of Final Cut. If you would like to use the "Overwrite Edit" and "Insert Edit" commands within Final Cut and from the Shuttle device you will need to reconfigure Exposé, here's how:
       1. Launch System Preferences, and choose Exposé.
       2. In the Keyboard section change the key command for "All windows", and "Application windows" to something other than their default values of F9 and F10 respectively.

Alternatively, if you do not want to change the default key commands for Exposé, you can reassign the "Insert Edit" and "Overwrite Edit" functions from within the Keyboard Layout feature of Final Cut. You will then need to reassign these functions for both the Final Cut Pro/Express (Edit Viewer), and (Edit Timeline) settings from within the Shuttle device

Control Panel. Please consult the Final Cut user's guide for detailed instructions on adjusting the Keyboard layout in Final Cut. Please refer to paragraph 3.4 for detailed instructions on modifying shuttle application settings.

Apple Final Cut PRO and Final Cut Express

Q: What are the differences between the three Final Cut Pro and Final Cut Express application settings?

A: There are 3 Final Cut settings: Final Cut Pro/Express (Edit Viewer), Final Cut Pro/Express (Edit Timeline), and Final Cut Pro/Express (Log & Capture). The (Edit Viewer) setting loads by default.

Use the Final Cut Pro/Express (Edit Viewer) and Final Cut Pro/Express (Edit Timeline) settings for editing tasks in the Viewer, Canvas, and Timeline. The button assignments are the same for both settings. The difference between them is how the Shuttle ring is programmed:
-   The (Edit Viewer) setting uses frame advance commands for precise shuttle control. This setting is optimized for the Viewer window.
-   The (Edit Timeline) setting uses the JKL play transport commands to shuttle at different speeds of play. This setting is optimized for the Timeline.

The (Log & Capture) setting is optimized for the Log & Capture window. Use this setting for controlling your DV camera or VTR from within the Log and Capture window. Please note the changes of the button assignments compared to the two "Edit" settings.

Emagic Logic Audio

Q: How do I use my Shuttle device with Logic Audio?

A: To utilize the Shuttle device mapping with Logic Audio to its fullest extent, it is necessary to use the provided Logic Preferences file. This file contains Logic's default key commands plus a few extra assignments that map out to the Shuttle device controls.
Importing the accompanying Logic Preferences file is necessary, as some of these advanced functions are not assigned by default.
Due to the highly configurable nature of Logic Audio, please be aware that by replacing your Logic Preferences via the steps outlined below, you will be erasing all user-made key assignments.
If you want to utilize the Shuttle device with your pre-existing key commands, it is of course quite easy to change the key assignments that the Shuttle device sends accordingly. Please refer to the Shuttle device Control Panel, where all functions are notated under the comments field. To configure Logic Audio for your Shuttle device:
1.   Open Logic Audio.
2.   Open Key Commands Window (Options>Settings>Key Commands).
3.   Choose "Import Key Commands..." from the window's Options menu.
4.   Select the Logic Preferences file that came with the Shuttle device and click "Open".

Media 100

Q: The buttons on my Shuttle device do not work / stopped working with Media 100.

A: You must turn on transport controls within Media 100 software to enable your Shuttle device to function correctly. First, launch Media 100, it must be the front most window. Second, press "Shift+Num Lock/Clear" to toggle transport controls to On.

ProTools

Q: How do I enable the play head to follow the location you are moving to while moving the Shuttle ring?

A: In ProTools click on the setups pull down menu, and select Preferences. In the Preferences dialog box please turn on or check the following, Timeline insertion follows playback, and edit insertion follows Scrub/Shuttle.

Quick Keys

Q: How can I use the ShuttlePRO with Quick Keys?

A: You can setup a Macro or sequence within QuickKeys and apply a keyboard shortcut for that function. Then program that keyboard shortcut into the ShuttlePRO: the ShuttlePRO will now work for the said Macro or QuickKey function. Make sure that when you do this, that the QuickKey function you program, is targeted for the application it is used in, and not for all applications.

Steinberg Nuendo 2

Q: How do I setup my Shuttle device with Nuendo?

A: You have to configure the Key Commands in Steinberg Nuendo 2 as indicated below:
1. Launch Steinberg Nuendo 2.
2. From the main menu choose File, Key Commands.
3. Expand the Transport folder.
4. Assign "Command + Shift + Left" to Jog Left.
5. Assign "Command + Shift + Right" to Jog Right.
6. Assign "Option + 1" to Shuttle Play 1/8x.
7. Assign "Option + 2" to Shuttle Play 1/4x.
8. Assign "Option + 3" to Shuttle Play 1/2x.
9. Assign "Option + 4" to Shuttle Play 1x.
10. Assign "Option + 5" to Shuttle Play 2x.
11. Assign "Option + 6" to Shuttle Play 4x.
12. Assign "Option + 7" to Shuttle Play 8x.
13. Assign "Option + Shift + 1" to Shuttle Play Reverse 1/8x.
14. Assign "Option + Shift + 2" to Shuttle Play Reverse 1/4x.
15. Assign "Option + Shift + 3" to Shuttle Play Reverse 1/2x.
16. Assign "Option + Shift + 4" to Shuttle Play Reverse 1x.
17. Assign "Option + Shift + 5" to Shuttle Play Reverse 2x.
18. Assign "Option + Shift + 6" to Shuttle Play Reverse 4.
19. Assign "Option + Shift + 7" to Shuttle Play Reverse 8x.
20. Click "OK" to close the Key Commands window.

9 Glossary of Terms and Components

Application Settings	Set of Shuttle component assignments for a particular application
Comment Field	Field where to place a brief description about the action associated to a Shuttle component
Computer Response Menu	Choice between actions to associate to a Shuttle component
Dialog Box	Box or sub-window that appears in response to a selection and that requires user-interaction to make one or more decisions
Frequency Menu	To specify how many times you want a command to occur
Jog Wheel	The inner of the two concentric wheels or knobs on the Shuttle device. Rotates 360 deg. In either direction.
Keyboard Shortcut	Keyboard key or combination of keys that perform a function within an application avoiding mouse operations
Knob	See Shuttle Ring
Options button	Button that allows making changes on a whole setting
Position	Position of the Shuttle Knob, usually associated with an action or command. Zones are points set in intervals along the right and left (clockwise and counterclockwise) sides of the Shuttle Knob. The Shuttle Knob has seven (7) distinct zones in each direction and a rest zone.
Ring	See Shuttle Ring
Shuttle Component	Any programmable feature of the Shuttle device: button, Jog wheel, Shuttle position or transition
Shuttle Ring	The outer black rubberized "ring" of two concentric wheels or knobs on the Shuttle device. It is spring-loaded to improve the "function and feel" of using it. Seven forward and seven backwards positions as well as transitions between each and a stop (at rest, centered) position.
Application Setting Menu	Menu that stores the application settings list
Transition	Transitions are points in between zones that can be programmed to start, stop, or continue commands. The points can be set up as you turn the Shuttle Knob in either direction. In most cases transitions will not be used unless you have sequential operations to perform.
User Action Menu	To select which Shuttle component to program
Wheel	See Jog Wheel
Zone	See Position

10   Contour Customer Care

This section describes how to register your product, how to obtain technical support from one of our Customer Care representatives.
To **register your Shuttle device**[1], log on to our website http://www.contourdesign.com/.

10.1 Technical Support

You may find **answers to your technical problems** in the Troubleshooting section of this guide or in the Frequently Asked Questions (FAQ) section on our website.

You can contact Contour's Customer Care from 9AM through 6PM Monday through Friday EST/EDT 1-800-462-6678 (select Option 2) or 603-893-4556 (select Option 2) International.

Our fax number is 1-603-893-4558 and our support email address is:
support@contourdesign.com.

10.2 Warranty Statement

Contour Design, Inc. warrants the ShuttlePRO™ v2, the ShuttlePRO™ and the ShuttleXpress™ against defects in materials or workmanship as defined below:

For a period of TWO YEARS, Contour Design, Inc. will repair or replace the unit, at our option, without charge for parts and labor. After this period you must pay all parts and labor charges.

This LIMITED WARRANTY is extended only to the original purchaser. It does not cover damage or failure caused by Acts of God, abuse, misuse, improper installation or maintenance, or tampering. Please note that this limited warranty does not cover any normal wear and tear or consumable parts, or damage in transit. If the serial number of this product is removed or unreadable, this warranty is null and void.

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For warranty service or repair, please contact Contour Design, Inc. for a Return Merchandise Authorization (RMA) number. Mark the RMA Number clearly on the package and be sure to write this number down for future use. Please include your contact information and a description of the problems with the returned unit. Then send the unit to

Contour Design, Inc.,
Attn: (RMA number)
10 Industrial Drive,
Windham, NH 03087.

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Shipments received without an RMA number may be delayed, so be sure to call or e-mail for an RMA number PRIOR to returning the unit.

You can contact Contour's Customer Care from 9AM through 6PM Monday through Friday EST/EDT 1-800-462-6678 (Select Option 2) or 603-893-4556 (Select Option 2) International.

Our fax number is 603-893-4558.

When sending a fax or email to Contour's Customer Care, please clearly write the RMA number and your contact information.

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Appendix 1: Example on how to program Global Settings

Below are the steps needed to program Global Settings on the ShuttlePRO v2 by performing the following associations:
- Command+Q (close the current window) to the Button 13,
- scroll up and down to the jog directions and
- the left and right arrows to the Shuttle positions by varying the frequency.

Step 1
1. Open the Contour Shuttle Control Panel.
2. Click on the Application Setting Menu and select Global Settings.

Step 2: programming Button 13 (Bottom Right Button)
3. Select the **Button 13 (Bottom Right Button)** in the User Action Menu.
4. Select Type Keystroke from the Computer Response Menu.
5. Click in the Keystroke field then press the Command key and the Q key. "cmd-q" should appear in the Keystroke field.
6. Click on the Comment field; write "Close the current window" and click OK.

Step 3: programming the Jog directions
7. Select **Turn Jog left** in the User Action Menu.
8. Select Scroll Up from the Computer Response Menu.
9. Select 3 lines in the Scroll Amount Menu.
10. Select Once Only in the Frequency Menu.
11. Click on the Comment field; write "Scroll 3 lines up" and click OK.
12. Select **Turn Jog right** in the User Action Menu.
13. Select Scroll Down from the Computer Response Menu.
14. Select 3 lines in the Scroll Amount Menu.
15. Select Once Only in the Frequency Menu.
16. Click on the Comment field; write "Scroll 3 lines down" and click OK.

Step 4: programming the Shuttle positions
Step 4.1 - left positions
17. Select **Shuttle Zone -1** in the User Action Menu.
18. Select Type Keystroke from the Computer Response Menu.
19. Click in the Keystroke field then press the left arrow on the keyboard. "left" should appear in the Keystroke field.
20. Select 4 Times per Second in the Frequency Menu.
21. Click on the Comment field; write "Left Arrow - 4 t/s" and click OK.
22. Select **Shuttle Zone -2** in the User Action Menu.
23. Select Type Keystroke from the Computer Response Menu.
24. Click in the Keystroke field then press the left arrow on the keyboard. "left" should appear in the Keystroke field.
25. Select 6 Times per Second in the Frequency Menu.
26. Click on the Comment field; write "Left Arrow - 6 t/s" and click OK.
27. Select **Shuttle Zone -3** in the User Action Menu.
28. Select Type Keystroke from the Computer Response Menu.

29. Click in the Keystroke field then press the left arrow on the keyboard. "left" should appear in the Keystroke field.
30. Select 10 Times per Second in the Frequency Menu.
31. Click on the Comment field; write "Left Arrow - 10 t/s" and click OK.
32. Select **Shuttle Zone -4** in the User Action Menu.
33. Select Type Keystroke from the Computer Response Menu.
34. Click in the Keystroke field then press the left arrow on the keyboard. "left" should appear in the Keystroke field.
35. Select 20 Times per Second in the Frequency Menu.
36. Click on the Comment field; write "Left Arrow - 20 t/s" and click OK.
37. Select **Shuttle Zone -5** in the User Action Menu.
38. Select Type Keystroke from the Computer Response Menu.
39. Click in the Keystroke field then press the left arrow on the keyboard. "left" should appear in the Keystroke field.
40. Select 30 Times per Second in the Frequency Menu.
41. Click on the Comment field; write "Left Arrow - 30 t/s" and click OK.
42. Select **Shuttle Zone -6** in the User Action Menu.
43. Select Type Keystroke from the Computer Response Menu.
44. Click in the Keystroke field then press the left arrow on the keyboard. "left" should appear in the Keystroke field.
45. Select 60 Times per Second in the Frequency Menu.
46. Click on the Comment field; write "Left Arrow - 60 t/s" and click OK.
47. Select **Shuttle Zone -7** in the User Action Menu.
48. Select Type Keystroke from the Computer Response Menu.
49. Click in the Keystroke field then press the left arrow on the keyboard. "left" should appear in the Keystroke field.
50. Select As Fast As Possible in the Frequency Menu.
51. Click on the Comment field; write "Left Arrow - fastest" and click OK.

Step 4.2 - centered position
52. Select **Shuttle Zone 0** in the User Action Menu.
53. Verify that the Computer Response Menu is set to Do Nothing.

Step 4.3 - right positions
54. Select **Shuttle Zone 1** in the User Action Menu.
55. Select Type Keystroke from the Computer Response Menu.
56. Click in the Keystroke field then press the right arrow on the keyboard. "right" should appear in the Keystroke field.
57. Select 4 Times per Second in the Frequency Menu.
58. Click on the Comment field; write "Right Arrow - 4 t/s" and click OK.
59. Select **Shuttle Zone 2** in the User Action Menu.
60. Select Type Keystroke from the Computer Response Menu.
61. Click in the Keystroke field then press the right arrow on the keyboard. "right" should appear in the Keystroke field.
62. Select 6 Times per Second in the Frequency Menu.
63. Click on the Comment field; write "Right Arrow - 6 t/s" and click OK.
64. Select **Shuttle Zone 3** in the User Action Menu.
65. Select Type Keystroke from the Computer Response Menu.

66. Click in the Keystroke field then press the right arrow on the keyboard. "right" should appear in the Keystroke field.
67. Select 10 Times per Second in the Frequency Menu.
68. Click on the Comment field; write "Right Arrow - 10 t/s" and click OK.
69. Select **Shuttle Zone 4** in the User Action Menu.
70. Select Type Keystroke from the Computer Response Menu.
71. Click in the Keystroke field then press the right arrow on the keyboard. "right" should appear in the Keystroke field.
72. Select 20 Times per Second in the Frequency Menu.
73. Click on the Comment field; write "Right Arrow - 20 t/s" and click OK.
74. Select **Shuttle Zone 5** in the User Action Menu.
75. Select Type Keystroke from the Computer Response Menu.
76. Click in the Keystroke field then press the right arrow on the keyboard. "right" should appear in the Keystroke field.
77. Select 30 Times per Second in the Frequency Menu.
78. Click on the Comment field; write "Right Arrow - 30 t/s" and click OK.
79. Select **Shuttle Zone 6** in the User Action Menu.
80. Select Type Keystroke from the Computer Response Menu.
81. Click in the Keystroke field then press the right arrow on the keyboard. "right" should appear in the Keystroke field.
82. Select 60 Times per Second in the Frequency Menu.
83. Click on the Comment field; write "Right Arrow - 60 t/s" and click OK.
84. Select **Shuttle Zone 7** in the User Action Menu.
85. Select Type Keystroke from the Computer Response Menu.
86. Click in the Keystroke field then press the right arrow on the keyboard. "right" should appear in the Keystroke field.
87. Select As Fast As Possible in the Frequency Menu.
88. Click on the Comment field; write "Right Arrow - fastest" and click OK.

Step 5: exporting settings info
89. Click on the Application Setting Menu.
90. Select Export Settings Info from the list.
91. Type ShuttlePRO Configuration Info as name of the file and choose the desktop as destination folder.
92. Click on **Save**.
93. Locate and double-click the newly created file. The Global Settings info should be:

```
Global Settings

Turn Jog Left            scroll up          Transition 6 to 7         -
Turn Jog Right           scroll down        Transition 7 to 6         -
Shuttle Zone -7          keystroke: left    Transition 6 to 5         -
Shuttle Zone -6          keystroke: left    Transition 5 to 4         -
Shuttle Zone -5          keystroke: left    Transition 4 to 3         -
Shuttle Zone -4          keystroke: left    Transition 3 to 2         -
Shuttle Zone -3          keystroke: left    Transition 2 to 1         -
Shuttle Zone -2          keystroke: left    Transition 1 to 0         -
Shuttle Zone -1          keystroke: left    Transition 0 to -1        -
Shuttle Zone 0           -                  Transition -1 to -2       -
Shuttle Zone 1           keystroke: right   Transition -2 to -3       -
Shuttle Zone 2           keystroke: right   Transition -3 to -4       -
Shuttle Zone 3           keystroke: right   Transition -4 to -5       -
Shuttle Zone 4           keystroke: right   Transition -5 to -6       -
Shuttle Zone 5           keystroke: right   Transition -6 to -7       -
Shuttle Zone 6           keystroke: right   Button 1                  -
Shuttle Zone 7           keystroke: right   Button 2                  -
Transition -7 to -6      -                  Button 3                  -
Transition -6 to -5      -                  Button 4                  -
Transition -5 to -4      -                  Button 5                  -
Transition -4 to -3      -                  Button 6                  -
Transition -3 to -2      -                  Button 7                  -
Transition -2 to -1      -                  Button 8                  -
Transition -1 to 0       -                  Button 9                  -
Transition 0 to 1        -                  Button 10                 -
Transition 1 to 2        -                  Button 11                 -
Transition 2 to 3        -                  Button 12                 -
Transition 3 to 4        -                  Button 13      keystroke: command + q
Transition 4 to 5        -                  Button 14                 _
Transition 5 to 6        -                  Button 15                 _
```

Step 6: using Global Settings
94. Place the focus on the Finder.
95. Click on the menu Go then on the Applications submenu.
96. Click on Mail
97. Open a file.
98. Turn the Jog and Shuttle to move across the text.
99. Press the bottom right button when you are done.

Designed for the Body and Mind...

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