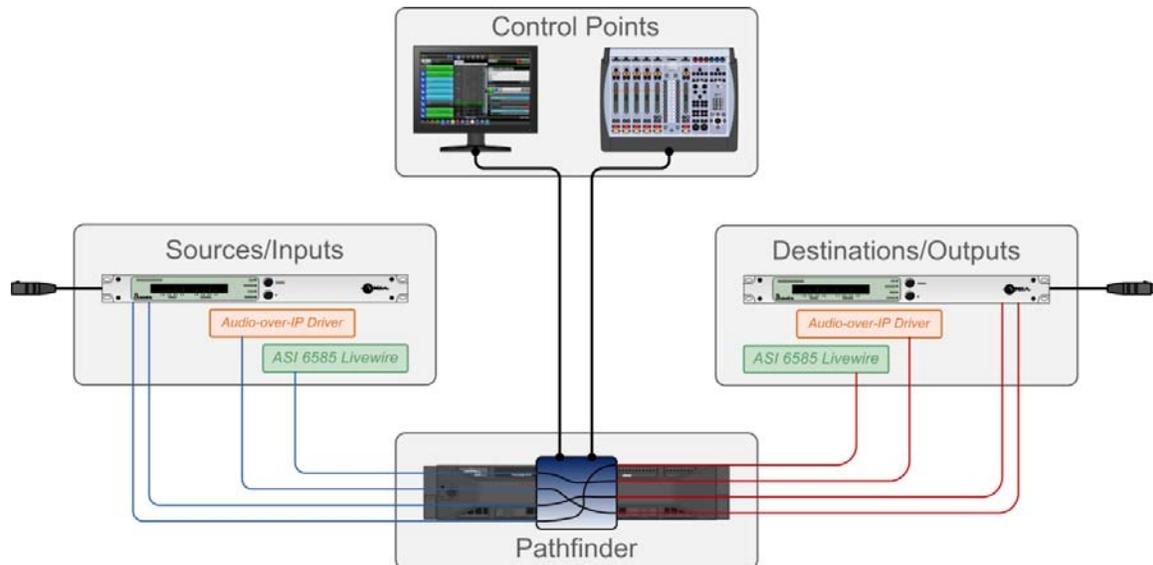


Configuring Axia Devices

Axia transports audio over IP without requiring traditional audio cards, replacing cables and patch bays with IP connections and software and providing a user-friendly and powerful solution for distributing audio, data and GPI/O in a modern radio station.

Axia combines four basic types of components: the Pathfinder PC, sources that provide inputs to Pathfinder, destinations that act as outputs of Pathfinder, and control points including Axia control surfaces and *WO Automation for Radio* software.



Pathfinder connections are one-to-one. Summing multiple sources to send to a single destination requires use of an Axia VMixer.

Integrating these different component types in a single system unlocks several key features, allowing *WO Automation for Radio* to:

- Use the Axia Mix Engine as a router, eliminating the need for an outboard switcher.
- Turn faders on the Element console on and off as we play audio through them.
- Leverage Axia's GPIO capabilities to control *WO Automation for Radio*.

Sources and Destinations connect using virtual IP cables, with each stream transported over standard Ethernet technology. 100Base-T networks are capable of transporting 25 stereo channels of 48 kHz, 24-bit linear PCM bi-directional audio. Gigabit networks can handle ten times that amount, with tens of thousands of stereo channels per system! Cutting the physical cables in favor of virtual connections allows *WO Automation for Radio* to playback from, record to or audition any Axia source without a conventional sound card.

While audio is transported within an Axia system using Ethernet and virtual cables, it must still interface with the outside world of conventional equipment. Axia offers several different 1RU nodes that interface with external equipment using either on-board connectors or ports supporting StudioHub adapters.



Node	Inputs	Outputs
Analog Audio Node	8 balanced stereo inputs, RJ45 connectors	8 balanced stereo outputs, RJ45 connectors
AES/EBU Digital Audio Node	8 digital AES3 inputs, RJ45 connectors	8 digital AES3 outputs, RJ45 connectors
Microphone Node	8 phantom-powered mic inputs, XLR connectors	8 balanced stereo outputs, RJ45 connectors
GPI/O Node	Total 40 opto-isolated inputs on 8 15-pin D-Sub connectors	Total 40 opto-isolated outputs on 8 15-pin D-Sub connectors

WO Automation for Radio Workstations interface with an Axia network using either an ASI 6585 Livewire card offering 8 play streams that are mixed to 8 stereo outputs and 8 record streams fed from 8 stereo inputs using an on-board RJ45 connector, or the Axia Audio-over-IP driver which acts as a 100% virtual audio “device”.

A single WO Automation for Radio Workstation can use either the Audio-over-IP driver OR an ASI 6585 card.

The WO Automation for Radio Audio Server can support up to 24 total streams. To calculate used streams when configuring multi-output cards, remember each **Input** uses one stream but each physical **Output** uses 3 streams. For example:

Physical Outputs	Output Streams	Physical Inputs	Input Streams	Total Streams
8	8 x 3 = 24	0	0 x 1 = 0	24
7	7 x 3 = 21	1	1 x 1 = 1	22
4	4 x 3 = 12	4	4 x 1 = 4	16

Minimum Hardware and Software Specifications

Axia and WideOrbit have established minimum system requirements for *WO Automation for Radio* hardware and Axia/Software Authority components. In addition to meeting those respective standards, there are other minimum specifications that must be met. Please note that not all systems will integrate all of the components in this section.

- Axia Element Surface, Studio Engine and Power Supply Modules Version 2.x
- *WO Automation for Radio* Version 2.1 Build 45
- Audio Science ASI 6585 Livewire card with firmware Version 2.5.8a R2
- Axia Audio-over-IP driver Version 2.5.2.8
- PathfinderServer Version 4.45i
- SAPort Router Version 1.0

These are minimum requirements. Exceeding hardware specifications outlined by WideOrbit and Axia may result in improved performance. Software and firmware releases later than the versions listed above are designed to be compatible as well, and may offer improved performance or stability.

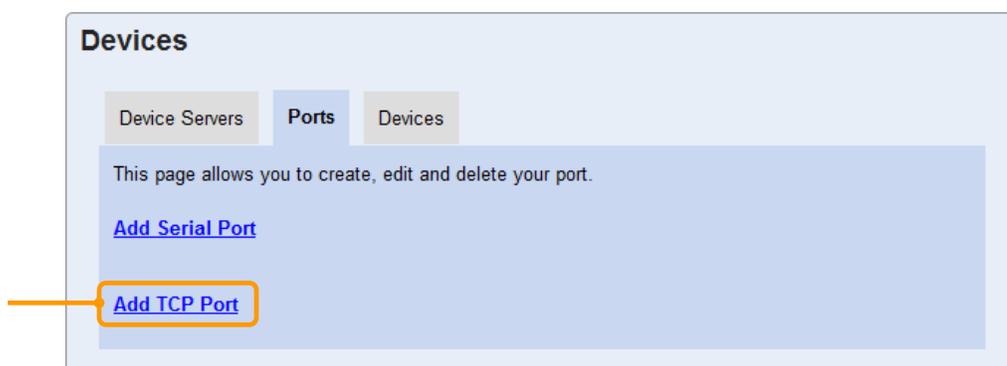
Establishing Device Server/Pathfinder Connections

Before beginning *WO Automation for Radio* integration:

- **All Axia hardware and software must be installed, configured and verified.** Make sure all Axia and Software Authority components meet the minimum specifications identified by WideOrbit.
- **Device Server should be installed on the Pathfinder computer and added as an available Device Server in your Central Server Configuration Web UI.** Device Server allows *WO Automation for Radio* to connect to your Axia system. Refer to the [Installing Device Server](#) and [Adding Installed Device Servers](#) topic in the *WO Automation for Radio* User Manual for more information.

1

Device Server communicates with Pathfinder using a TCP [Port](#) that must be defined in the Central Server Configuration Web UI. In the [Devices](#) section, *click* on the **Ports** tab and *click* the **Add TCP Port** link.



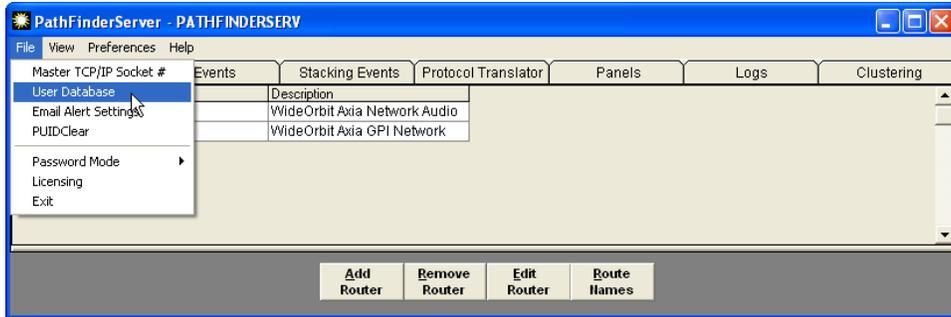
2

Enter the details required to define the Port and *click* **Save** to add the TCP Port.

Field	Description
Device Server	From the drop-down box, <i>select</i> the Device Server name.
Name	Type a friendly name for the device on the TCP Port. <i>PATHFINDER</i> , for example.
Host Name	Type the IP address of the computer where Device Server is installed. If you installed Device Server on the Pathfinder server, type 127.0.0.1 .
Port Number	Type port number 9500 . This is the required port for communication with Pathfinder.
Connection Timeout	Type a duration in milliseconds (1-5000) the Device Server will attempt to connect to the device before timing out. A value of 5000 is recommended.
Write Only	Select false from the drop-down list, allowing read-write access.

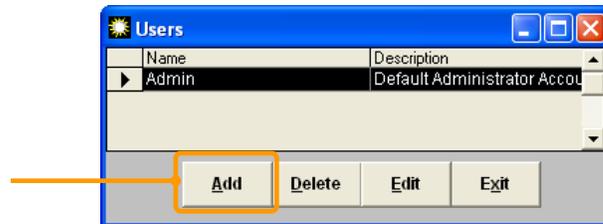
3

On the Pathfinder server, verify the Pathfinder Server application is running. The Pathfinder Server must be running in order for switches to work correctly. On the Pathfinder Server application, *click **File** and select **User Database***.



4

Click **Add** to add a new user.



5

Complete the new user details and *click* **Commit**.

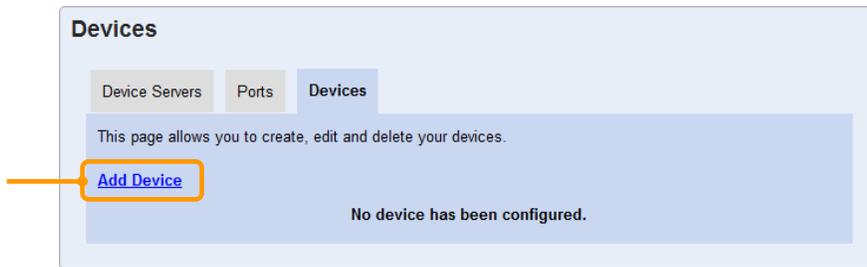
Field		Description
User Name	Required	Type WOAFR
Password	Required	Type WOR@di0
Confirm Password	Required	Type WOR@di0
Description	Optional	Type an optional user description
Permission Group	Required	Select Administrator

6

Click **Exit** to close Pathfinder Server's **User** dialog.

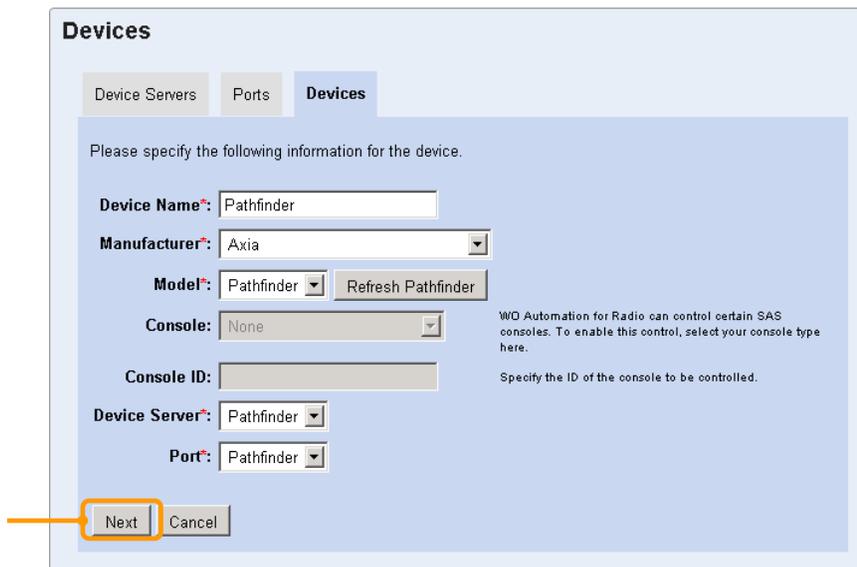
7

Return to the Central Server Configuration Web UI [Devices](#) page to create the Pathfinder device. *Click the **Devices** tab and **click Add Device**.*



8

Enter the details required to create the Device and *click **Next*** to continue.



Field	Description
Device Name	Type a descriptive name for this device. <i>PATHFINDER</i> , for example.
Manufacturer	Select Axia from the drop-down list.
Model	Select Pathfinder from the drop-down list. <i>Axia Node is not yet supported.</i>
Console	Not used for <i>Axia</i> devices.
Console ID	Not used for <i>Axia</i> devices.
Device Server	From the drop-down list, <i>select</i> the Device Server created to interface with the Pathfinder Server. <i>If you followed the recommendation, this would be PATHFINDER.</i>
Port	From the drop-down list, <i>select</i> the Port created to interface with the Pathfinder Server. <i>If you followed the recommendation, this would be PATHFINDER.</i>

9

Set the remaining options and *click Add* to create this Device. When you click [Add](#), Device Server and Central Server will begin to get information from Pathfinder about available Sources, Destinations and GPI/O items. This may take some time depending on the number of inputs and outputs in the system.

The screenshot shows the 'Devices' configuration page with three tabs: 'Device Servers', 'Ports', and 'Devices'. The 'Devices' tab is active. Below the tabs are three input fields: 'GP Out Pulse Width (milliseconds)*' with the value '500', 'Username*' with the value 'WOAFR', and 'Password*' with the value 'WOR@di0'. At the bottom, there are three buttons: 'Back', 'Add', and 'Cancel'. The 'Add' button is highlighted with an orange box, and an orange arrow points to it from the left.

Field	Description
GP Out Pulse Width	Type a value of 500 . If you need longer pulses from a GPO, you can always adjust this level. In most cases, a 500ms pulse is sufficient in a broadcast environment.
Username	Type the Username you created earlier in Pathfinder. If you followed the recommendation, this would be <i>WOAFR</i> .
Password	Type the Password you created earlier in Pathfinder. If you followed the recommendation, this would be <i>WOR@di0</i> .

After creating the Device, you will be returned to the main Device page. In some cases the Device may appear grayed out on the Central Server Configuration Web UI.

The screenshot shows the 'Devices' page with a message: 'This page allows you to create, edit and delete your devices.' Below the message is a link 'Add Device'. Underneath is a table with three columns: 'Device', 'Port', and 'Device Server'. The table contains one row: 'Pathfinder', 'SAPROTOCOL PORT', and 'PFS-DS'. The 'Pathfinder' cell in the first column is highlighted with a gray background and an orange border, indicating it is disabled. There is a red 'X' icon in the 'Device Server' column for this row.

Clearing the browser cache and reloading the page may solve the problem. If the problem persists, refer to the [Troubleshooting Device Server](#) topic.

Once the learning process is complete, you should have a long list of Audio Inputs (Sources in Axia) and Audio Outputs (Destinations in Axia) and GPI and GPO Names from the Pathfinder Database.

WO Automation for Radio will automatically append the Axia device number to the resource name as a way to try to minimize duplicate names, however some items may still come through with duplicate names due to Axia's default naming convention. Understandably, this will at best cause confusion and at worst errors. A recommended best practice is to review the names of Axia resources listed in *WO Automation for Radio* to verify that no duplicates exist.

Click the ▶ symbol to expand each group. The Axia auto-generated names will display to the right of the field where you can type **friendly names** for each resource.

Changes of GP Inputs or GP Outputs will invalidate any existing workflows using the changed items.

▼ Audio Inputs		
1:	<input type="text" value="Pgm 1/1"/>	Pgm 1
2:	<input type="text" value="Pgm 2/2"/>	Pgm 2
3:	<input type="text" value="Pgm 4 Rcrd/3"/>	Pgm 4 Rcrd
▼ Audio Outputs		
14:	<input type="text" value="VMIX 1 in 1/14"/>	VMIX 1 in 1
15:	<input type="text" value="VMIX 1 in 2/15"/>	VMIX 1 in 2
16:	<input type="text" value="VMIX 1 in 3/16"/>	VMIX 1 in 3
▼ GP Inputs		
1:	<input type="text" value="PORT1 PIN 1"/>	ELEMENT RLY 1-1
2:	<input type="text" value="ELEMENT RLY 1"/>	ELEMENT RLY 1-2
3:	<input type="text" value="ELEMENT RLY 1"/>	ELEMENT RLY 1-3
▼ GP Outputs		
1:	<input type="text" value="ELEMENT RLY 1"/>	ELEMENT RLY 1-1
2:	<input type="text" value="ELEMENT RLY 1"/>	ELEMENT RLY 1-2
3:	<input type="text" value="ELEMENT RLY 1"/>	ELEMENT RLY 1-3

Once you have typed your friendly names for each resource, click **Save** to commit the changes to the *WO Automation for Radio* database. Depending on the number of sources and destinations this commit process may take some time.

Feel free to continue with names already customized by Axia installers or configured in an existing Axia system. However, take time to review the names to make sure that each name is unique. While you are free to develop your own unique naming convention for these friendly names, consider the following:

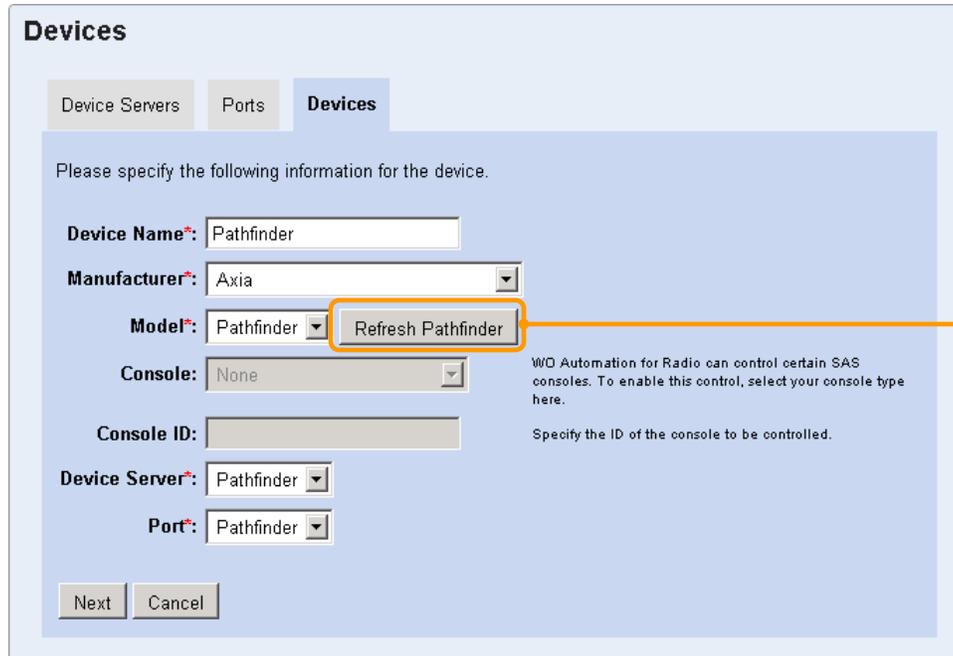
Workstation Channels (ASI 6585/Audio-over-IP)	CARD-STUDIO-CHANNEL#
Axia Node Channels	NODENAME-STATION-CHANNEL#
GPI/O Nodes	NODE-PORT-PIN# or assigned function

With the above configuration complete, you should be able to perform simple Route Changes with [Update Switcher Actions](#) in *WO Automation for Radio Workflows*.

Remember Pathfinder enforces a one source-to-one destination policy. Trying to use Pathfinder to send multiple sources to a single destination will invalidate the workflow.

Adding or Removing Axia Resources

After adding or removing Axia resources, you must let Device Server know about the changes. Open the Pathfinder device and click the Refresh Pathfinder button to update the list of available resources. You can then go in and add friendly names to any new resources.



Devices

Device Servers Ports **Devices**

Please specify the following information for the device.

Device Name*: Pathfinder

Manufacturer*: Axia

Model*: Pathfinder Refresh Pathfinder

Console: None

Console ID:

Device Server*: Pathfinder

Port*: Pathfinder

WO Automation for Radio can control certain SAS consoles. To enable this control, select your console type here.

Specify the ID of the console to be controlled.

Next Cancel

Be careful not to edit any existing resources. Changing the name of an existing resource or GPI/O pin will “break” any configured Workflow that uses that resource or pin. If you do need to edit an existing resource, you will need to open all Workflows using that resource and apply your changes there as well.

Preparing to Configure Pin Actions and Play Channel Actions

WO Automation for Radio can be configured to execute commands when a closure is received from an Axia GP input. Setting up [Pin Actions](#) and [Play Channel Actions](#) with an Axia GPI/O node is identical to the method of setting up any other type of GPI/O closure, but using GPI/O signals from an Element control surface requires some additional preparation.

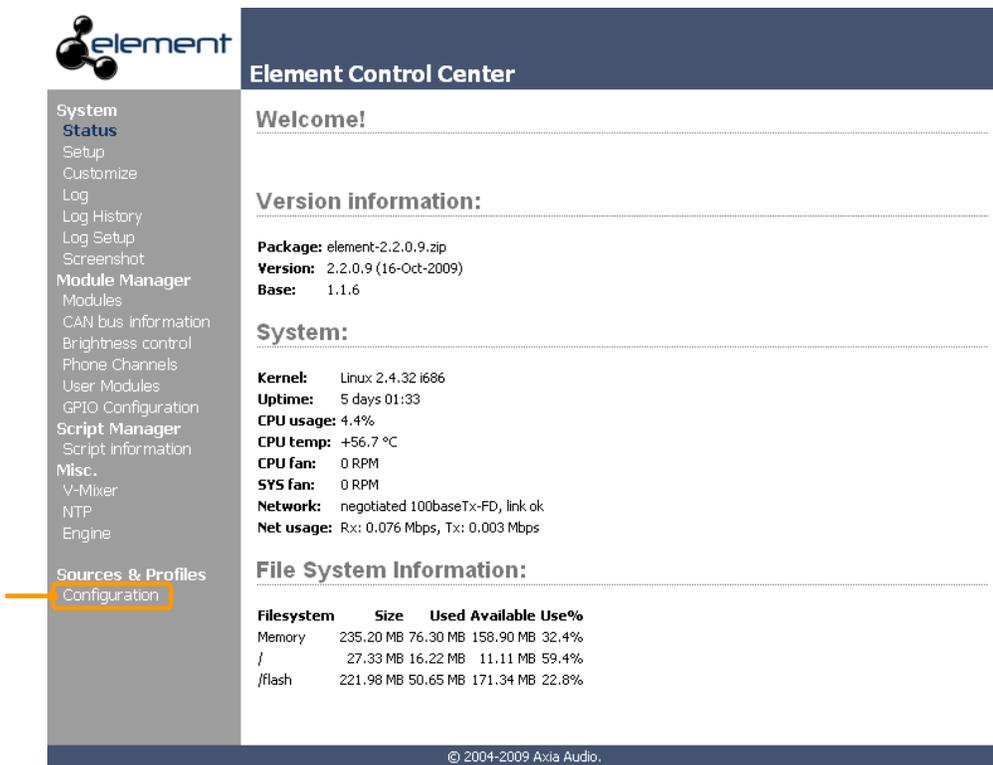
To interface with an Axia control surface without an ASI 6585 Livewire card, contact Customer Support.

1

For each channel of the ASI 6585 to be used with the Element control surface, verify:

- [Source Type](#) is set to **Computer Player**
- [Fader Mode](#) is set to **Normal**
- [GPIO Ready Enabled/Disabled](#) is set to **Enabled**

Access the Element Configuration Web UI by typing the IP address of the Element control surface into your web browser. Click the **Configuration** link in the [Sources & Profiles](#) group.



element
Element Control Center

System Status
Setup
Customize
Log
Log History
Log Setup
Screenshot

Module Manager
Modules
CAN bus information
Brightness control
Phone Channels
User Modules
GPIO Configuration

Script Manager
Script information

Misc.
V-Mixer
NTP
Engine

Sources & Profiles
Configuration

Welcome!

Version information:

Package: element-2.2.0.9.zip
Version: 2.2.0.9 (16-Oct-2009)
Base: 1.1.6

System:

Kernel: Linux 2.4.32 i686
Uptime: 5 days 01:33
CPU usage: 4.4%
CPU temp: +56.7 °C
CPU fan: 0 RPM
SYS fan: 0 RPM
Network: negotiated 100baseTx-FD, link ok
Net usage: Rx: 0.076 Mbps, Tx: 0.003 Mbps

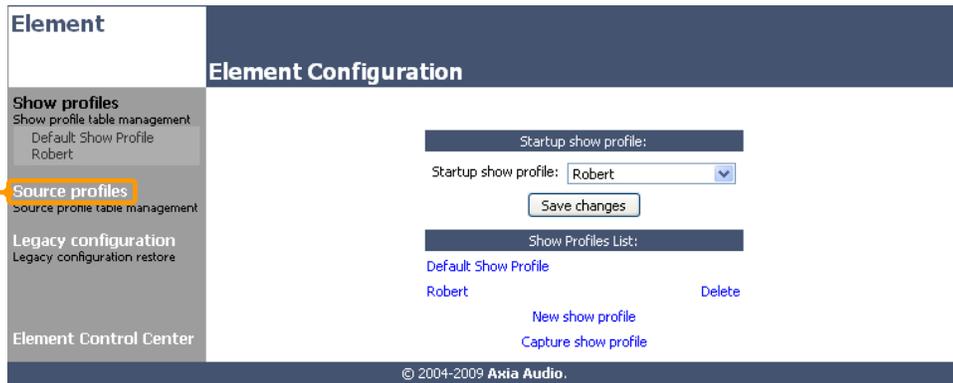
File System Information:

Filesystem	Size	Used	Available	Use%
Memory	235.20 MB	76.30 MB	158.90 MB	32.4%
/	27.33 MB	16.22 MB	11.11 MB	59.4%
/flash	221.98 MB	50.65 MB	171.34 MB	22.8%

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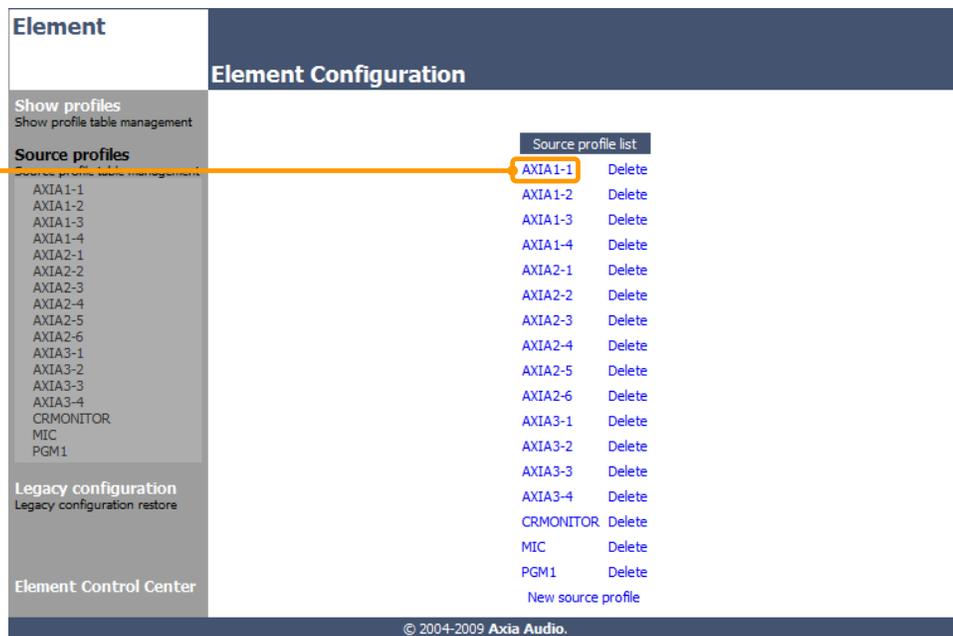
2

Click the **Source Profiles** link.



3

Click the **link** for the first ASI 6585 channel.



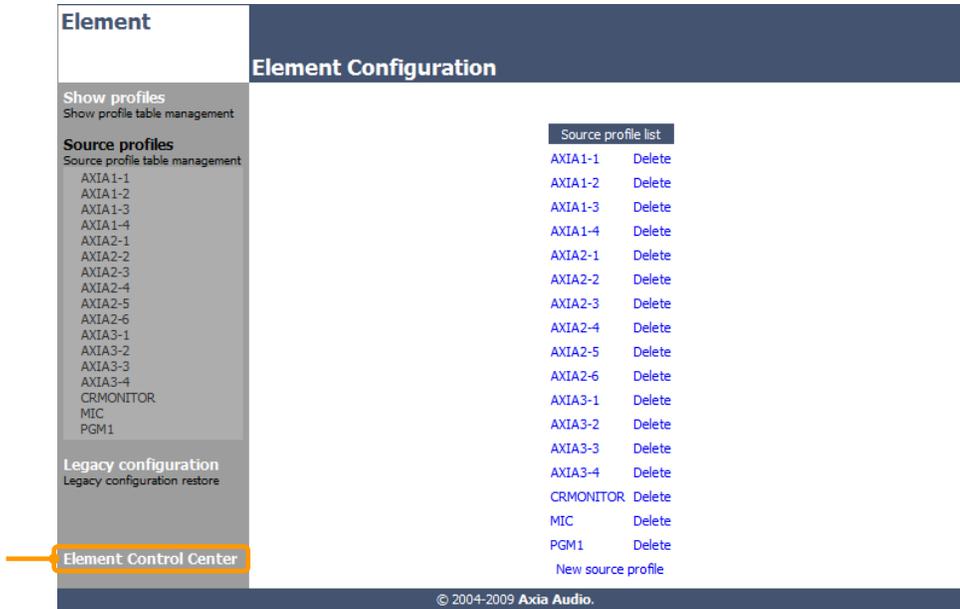
4

Scroll down the list of settings to find **Source Type** (set to **Computer Player**), **Fader Mode** (set to **Normal**) and **GPIO Ready Enabled/Disabled** (set to **Enabled**).

When each option is set or verified, *click Save* to return to the **Source profile list** and set or verify the options for the remaining channels.

5

When all channels have been set or verified, *click* the **Element Control Center** link to return to the main Element configuration page.



Element

Element Configuration

Show profiles
Show profile table management

Source profiles
Source profile table management

- AXIA1-1
- AXIA1-2
- AXIA1-3
- AXIA1-4
- AXIA2-1
- AXIA2-2
- AXIA2-3
- AXIA2-4
- AXIA2-5
- AXIA2-6
- AXIA3-1
- AXIA3-2
- AXIA3-3
- AXIA3-4
- CRMONITOR
- MIC
- PGM1

Legacy configuration
Legacy configuration restore

Element Control Center

Source profile list

AXIA1-1	Delete
AXIA1-2	Delete
AXIA1-3	Delete
AXIA1-4	Delete
AXIA2-1	Delete
AXIA2-2	Delete
AXIA2-3	Delete
AXIA2-4	Delete
AXIA2-5	Delete
AXIA2-6	Delete
AXIA3-1	Delete
AXIA3-2	Delete
AXIA3-3	Delete
AXIA3-4	Delete
CRMONITOR	Delete
MIC	Delete
PGM1	Delete

[New source profile](#)

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Linking Channels and Ports

1

On the main page of the Element Configuration Web UI, *click* the **GPIO Configuration** link.

element
Element Control Center

System
Status
Setup
Customize
Log
Log History
Log Setup
Screenshot
Module Manager
Modules
CAN bus Information
Brightness control
Phone Channels
User Modules
GPIO Configuration
Script Manager
Script Information
Misc.
V-Mixer
NTP
Engine

Sources & Profiles
Configuration

Welcome!

Version information:

Package: element-2.2.0.9.zip
Version: 2.2.0.9 (16-Oct-2009)
Base: 1.1.6

System:

Kernel: Linux 2.4.32 i686
Uptime: 5 days 01:33
CPU usage: 4.4%
CPU temp: +56.7 °C
CPU fan: 0 RPM
SYS fan: 0 RPM
Network: negotiated 100baseTx-FD, link ok
Net usage: Rx: 0.076 Mbps, Tx: 0.003 Mbps

File System Information:

Filesystem	Size	Used	Available	Use%
Memory	235.20 MB	76.30 MB	158.90 MB	32.4%
/	27.33 MB	16.22 MB	11.11 MB	59.4%
/flash	221.98 MB	50.65 MB	171.34 MB	22.8%

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2

In the **Channel** column, link the first relay port with a channel of the ASI 6585 card being by *clicking* the drop-down **icon** to the right of the Channel field. In the new **Select Source** window, find and *click* on the ASI 6585 **channel**. When all Channels and Ports have been associated, *click* **Save** to save your changes.

Select Source - Mozilla Firefox
http://192.168.1.100/src/ist

- 283 Engine
- 284 VMIX 8 fader 4@Livewire Studio
Engine
- 285 VMIX 8 fader 5@Livewire Studio
Engine
- 286 VMIX 8 Sub@Livewire Studio Engine
- 1091 AXIA2-OUT1@ASI6585-2**
- 1092 AXIA2-OUT2@ASI6585-2
- 1093 AXIA2-OUT3@ASI6585-2
- 1094 AXIA2-OUT4@ASI6585-2
- 1095 AXIA2-OUT5@ASI6585-2
- 1096 AXIA2-OUT6@ASI6585-2
- 1097 AXIA2-OUT7@ASI6585-2
- 1098 AXIA2-OUT8@ASI6585-2
- 1101 AXIA3 PLAY1@AXIA3
- 1102 AXIA3 PLAY2@AXIA3
- 1103 AXIA3 PLAY3 @AXIA3
- 1104 AXIA3 PLAY4@AXIA3
- 1105 AXIA3 PLAY5@AXIA3
- 1106 AXIA3 PLAY6@AXIA3
- 2001 AXIA1 1@AXIA1
- 2002 AXIA1 2@AXIA1
- 2003 AXIA1 3@AXIA1
- 2004 AXIA1 4@AXIA1

Done

Element Control Center

Version information:

Port 3 Port 5 Port 7
Port 4 Port 6 Port 8

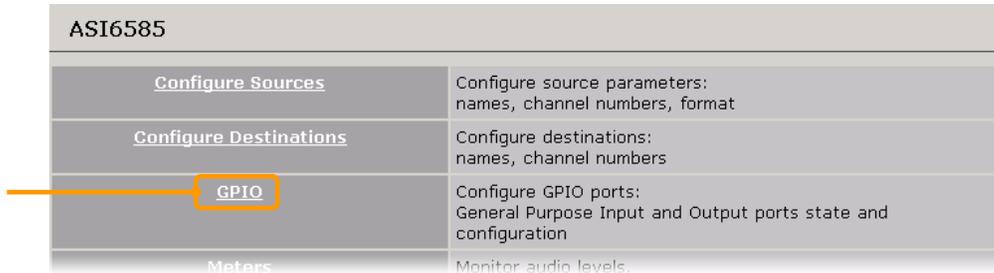
Channel:

- 1091 <AXIA2-OUT1@ASI6585-2>
- 1092 <AXIA2-OUT2@ASI6585-2>
- 1093 <AXIA2-OUT3@ASI6585-2>
- 1094 <AXIA2-OUT4@ASI6585-2>

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3

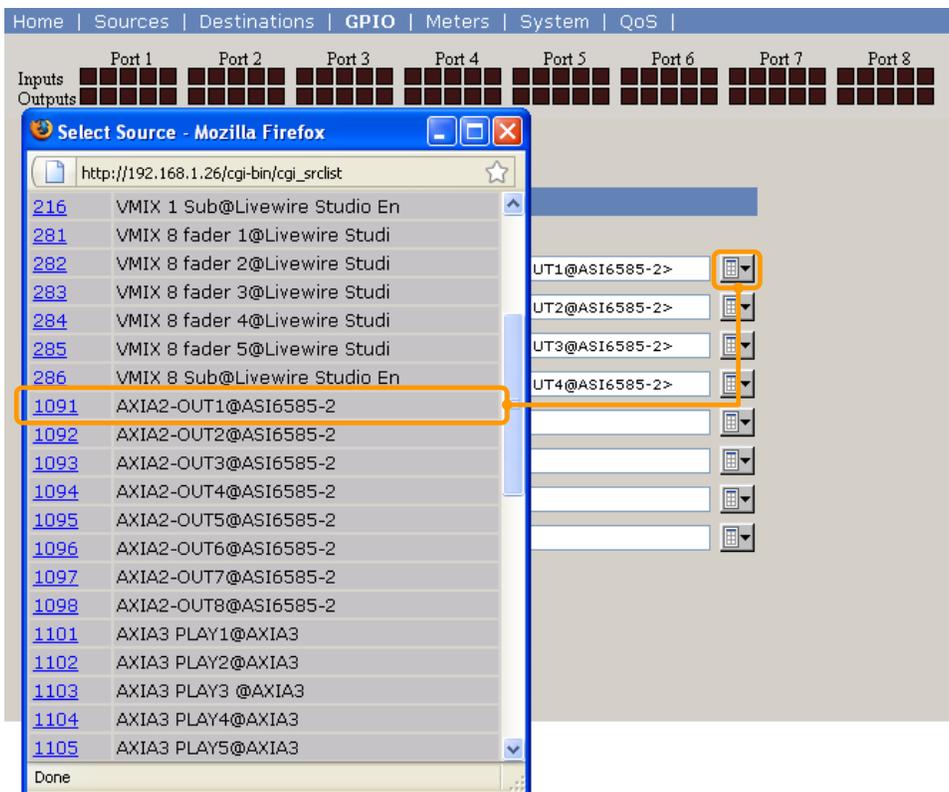
Access the ASI 6585 Configuration Web UI by typing the IP address of your ASI 6585 card into your web browser. Click the **GPIO** link.



GPIO functionality requires current firmware to be installed for your card. The GPIO link will not appear unless your firmware version is at least **2.5.2d_r2**.

4

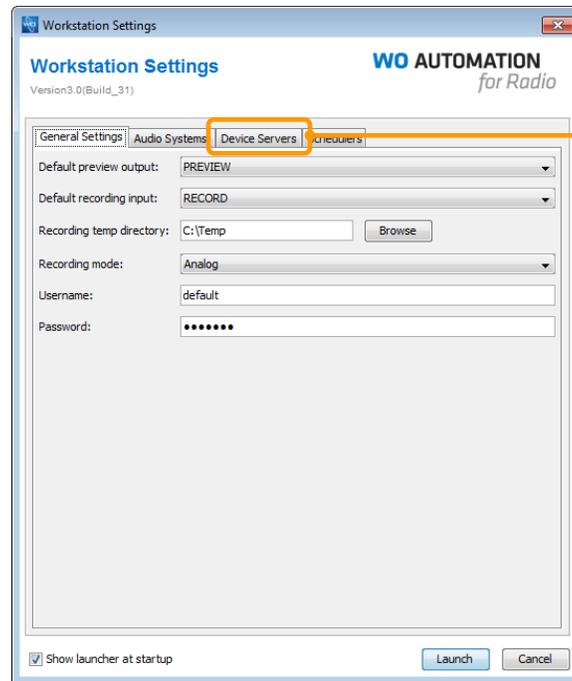
In the **Channel** column, link the first relay port with a channel of the ASI 6585 card being by *clicking* the drop-down **icon** to the right of the Channel field. In the new **Select Source** window, find and *click* on the ASI 6585 **channel**. This will match the channel you selected in the **Element Configuration** earlier. When all Channels and Ports have been associated, *click* **Apply** to save your changes.



Configuring Pin Actions

1

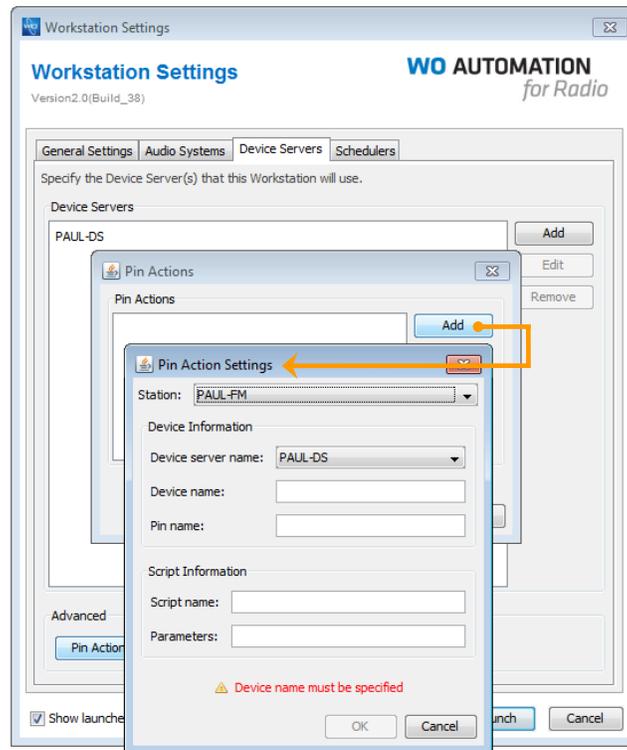
Inputs from Axia that result in actions in *WO Automation for Radio* are called **pin actions**. Associating a GP relay with a *WO Automation for Radio* action is done in Workstation **Launcher**. Click on the **Device Servers** tab.



Don't see Launcher when Workstation starts? In Workstation click **Menu** in the bottom left of the screen. Click **System Settings**, and select **General**. Mark the **checkbox** for **Show launcher dialog at startup**. Click **OK** and restart Workstation. Launcher will now open on startup.

2

In the Advanced group at the bottom of the tab, *click* the **Pin Actions** button. *Click* **Add** on the **Pin Actions** window. When all fields on the **Pin Action Settings** window are complete, *click* **OK**.



Field	Description
Device Server Name	From the drop-down list, <i>select</i> the Device Server associated with Pathfinder.
Device Name	<i>Type</i> the descriptive name configured for the Pathfinder device. This field must match exactly what is configured in the Central Server Configuration Web UI as the Friendly Name for the Device that is configured for Pathfinder. Spelling and even capitalization count.
Pin Name	<i>Type</i> the friendly name of the GP Input pin . This field must match exactly what is configured in the Central Server Configuration Web UI as the Friendly Name for the specified pin. Spelling and even capitalization count.
Script Name	<i>Type</i> a Script Name to associate with this pin action. Refer to the Configuring Workstation for Use with External Devices topic for a list of WideOrbit-provided Scripts.
Parameters	Many scripts require parameters to further define actions to execute. <i>Type</i> the required parameters in this field.

3

Repeat step 2 for each Pin Action to be defined. When all Pin Actions are defined, *click* **OK** to close the **Pin Actions** window.

Configuring Play Channel Actions

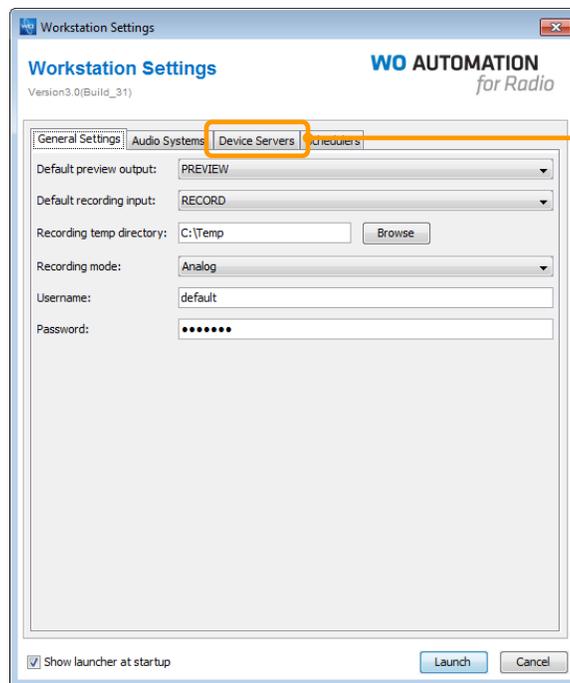
Play Channel Actions allow *WO Automation for Radio* to generate relay signals when audio starts, stops or is queued. For example, these signals can be used to turn the Element faders on before a Media Asset plays, and off after the Media Asset finishes playing.

ON, OFF and NEXT to play states are hard-coded to specific pins on an Axia Relay Port. For each audio card channel: pin 1 will turn the channel to **ON** state, pin 2 will turn the **channel OFF**, while pin 5 is tied to the **NEXT** to play state.

To interface with an Axia control surface without an ASI 6585 Livewire card, contact Customer Support.

1

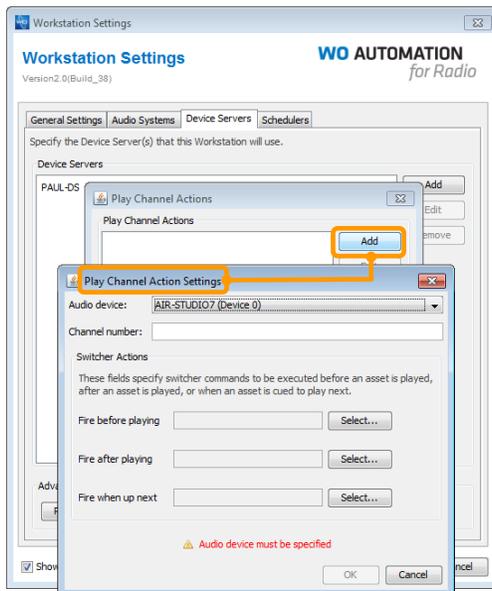
Outputs from *WO Automation for Radio* that result in actions in Axia are called **play channel actions**. Associating a GP relay with an Axia action is done in Workstation **Launcher**. Click on the **Device Servers** tab.



Don't see Launcher when Workstation starts? In Workstation click **Menu** in the bottom left of the screen. Click **System Settings**, and select **General**. Mark the **check box** for **Show launcher dialog at startup**. Click **OK** and restart Workstation. Launcher will now open on startup.

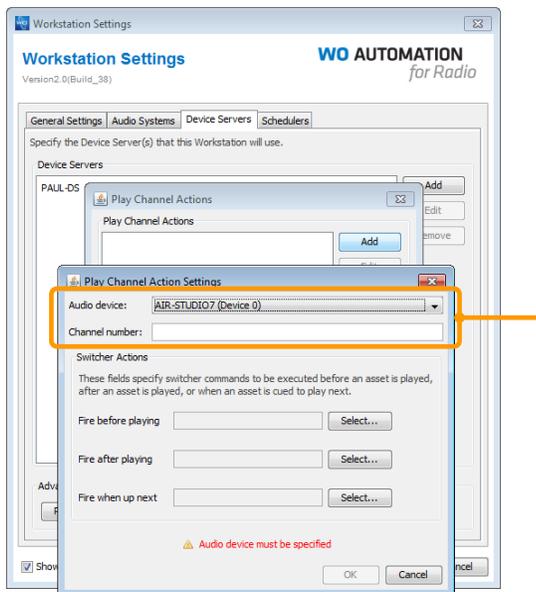
2

On the **Play Channel Actions** window, *click Add* to open the **Play Channel Action Settings** window.



3

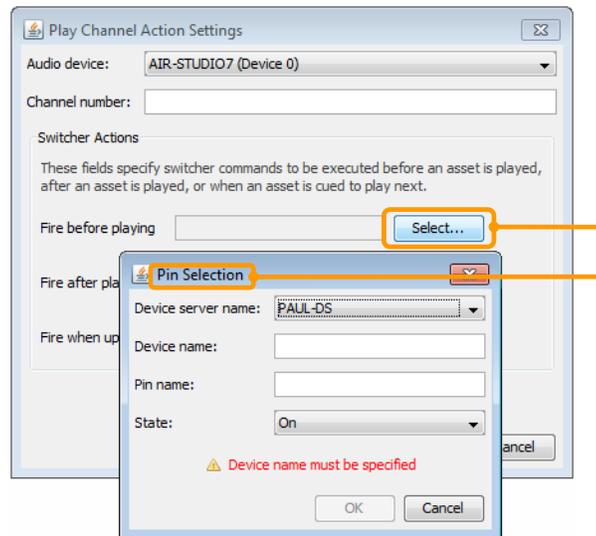
On the **Play Channel Actions Setting** window, begin entering the details for this Play Channel.



Field	Description
Audio Device	From the drop-down box, <i>select</i> the audio device .
Channel Number	<i>Type</i> the physical output number for the audio device selected above. Remember the system identifies devices and channels starting with 0 instead of 1.

4

Configure the **START** action. Click the **Select** button next to the **Fire before playing** field and enter the details for this action. When all fields are complete, click **OK** to save your changes and close the **Pin Selection** window.



Field	Description
Device Server Name	Select the name of the Device Server connected to the workstation where the device is connected (not necessarily this workstation).
Device Name	Type the descriptive name configured for the Pathfinder device. This field must match exactly what is configured in the Central Server Configuration Web UI as the Friendly Name for the Device that is configured for Pathfinder. Spelling and even capitalization count.
Pin Name	Type the friendly name of the GP Output signal associated with the audio output channel whose fader you want to control. This field must match exactly what is configured in the Central Server Configuration Web UI as the Friendly Name for the specified pin. Spelling and even capitalization count.
State	Select Pulse from the drop-down list.

When specifying the Pin Name, select the correct pin on the associated Audio Card GPI/O Port, not the Element console GPI/O Port. The pin number will depend on the output type. For each audio card channel: pin 1 will turn the channel to ON state, pin 2 will turn the channel OFF, while pin 5 is tied to the NEXT to play state.

5

Configure the **STOP** action. *Click* the **Select** button next to the **Fire after playing** field and enter the details for this action. When all fields are complete, *click* **OK** to save your changes and close the **Pin Selection** window.

Field	Description
Device Server Name	Select the name of the Device Server connected to the workstation where the device is connected (not necessarily this workstation).
Device Name	Type the descriptive name configured for the Pathfinder device. This field must match exactly what is configured in the Central Server Configuration Web UI as the Friendly Name for the Device that is configured for Pathfinder. Spelling and even capitalization count.
Pin Name	Type the friendly name of the GP Output pin . This field must match exactly what is configured in the Central Server Configuration Web UI as the Friendly Name for the specified pin. Spelling and even capitalization count.
State	Select Pulse from the drop-down list.

6

Configure the **NEXT** action. *Click* the **Select** button next to the **Fire when up next** field and enter the details for this action. When all fields are complete, *click* **OK** to save your changes and close the **Pin Selection** window.

Field	Description
Device Server Name	Select the name of the Device Server connected to the workstation where the device is connected (not necessarily this workstation).
Device Name	Type the descriptive name configured for the Pathfinder device. This field must match exactly what is configured in the Central Server Configuration Web UI as the Friendly Name for the Device that is configured for Pathfinder. Spelling and even capitalization count.
Pin Name	Type the friendly name of the GP Output pin . This field must match exactly what is configured in the Central Server Configuration Web UI as the Friendly Name for the specified pin. Spelling and even capitalization count.
State	Select On from the drop-down list.

7

Repeat step 2 through 5 for each play channel. When all play channels are configured, *click* **OK** to close the **Play Channel Action** window, and *click* **OK** to close Launcher.

Part of what makes *WO Automation for Radio* the best system on the market is the feedback and input of innovative users like you. If you have comments on this document, would like to suggest improvements, or have ideas for future documents, please email rasdocuments@wideorbit.com.

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