

Reavon All Blu-Ray Models Installation and Usage Guide



REAVON

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chowmainsoft

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Overview

French company Archisoft, who also manufacturer Zappiti media players, has developed the Reavon brand to fill the void in the high-end 4K disc player market caused by the departure of Oppo and the general unavailability of Pioneer's disc spinners.

The Chowmain Reavon Bluray Player driver for Control4 introduces the most advanced bi-directional control and feedback of Reavon bluray players for home theatre connoisseurs and audiophiles to help to create the perfect automated media experience.

From simply inserting a disc into the player the integration is smart enough to automatically turn on the system for audio consumption or video consumption. Lights will automatically dim upon disc playback and raise on pause or stop.

This integration is a must have for those who want the best experience for disc based media.

Features

- Two way control and feedback (note requires hybrid IR + IP or RS232 + IP communications)
- Automatically turn on the room based on the type of disc in the player. Eg it will turn on the receiver only if it detects an audio disc however if it detects a video disc it will also turn on the TV.
- Custom defined buttons for non intuitive buttons
- Play, Pause, Stop feedback
- Loading Disc, Scanning, Slow motion, Disk Tray Open feedback
- Disc Type (None, DVD, Data CD, Audio CD, SACD or Bluray) detection feedback

FAQ

What hardware will this work on?

This driver will work for the following models. It may also work with future models;

Note that the driver requires mixed communications (either IR or RS232 along with IP for feedback)

- UBR-X100
 - Communications - IR + IP
- UBR-X110
 - Communications - IR + IP
- UBR-X200
 - Communications - IR + IP or RS232 + IP

If you do not need feedback IP is not required.

Why do we need to do hybrid communications?

Unfortunately current generation Reavon models go to a deep sleep when it is powered off. As such the ethernet port turns off in this state.

RS232 on the UBR-X200 offers one-way control only as well.

As such we need to combine IR + IP for full two-way control or RS232 + IP for full two-way control

Can you give us some examples of how we could use this driver?

- Automatically start up the receiver when the user puts in an audio disc.
- Automatically start up the tv/projector and receiver when the user puts in a video disc.
- Automatically dim lights when the movie starts playing.
- Automatically raise the lights when the movie pauses or stops.
- Change receiver settings when audio discs or video discs are inserted.
- Utilise the awesome built in DAC for audiophiles.

Adding the driver to your project

NOTE: This driver requires you utilise a IR + IP or RS232 + IP communications for bi-directional control and feedback. As IR and RS232 offer one way communication only and the ethernet port turns off on power down. If you do not need feedback then IP is optional.

1. Launch the **Composer Pro** and connect to your project
2. In the **System Design** page select the **Search** tab on the right hand side
3. Search for **Reavon**
4. Double click the **Reavon Bluray Player** driver.
5. Click on the **Connections** tab and select the **Reavon Bluray Player** driver.
6. Bind appropriate AV inputs and outputs for the player
7. If you are using serial please bind the serial port otherwise bind the IR port (do not bind both).
8. Select **System Design**
9. Click on the **Reavon Bluray Player** driver. The description below details the properties functionality.
 - **Reavon Model Type** - This determines the IR code set to utilise
 - **Feedback** - If feedback is required set this to True and the IP Address property will appear
 - **Reavon IP Address** - This is the IP address for the Reavon player. Note that this is used only to poll for feedback every second. It is not used for control as control is done via IR or RS232.
 - **Room to Auto On** - This is the room to select when the disc type is detected. If it is an audio disc (CD or SACD) then the audio end-point is selected. If it is a video-disc (DVD, Bluray) or data disc then the video-endpoint is selected.
 - **Pound** - Button mapping for the * button
 - **Hash** - Button mapping for the # button
 - **Blue** - Button mapping for the blue button
 - **GREEN** - Button mapping for the blue button
 - **RED** - Button mapping for the blue button
 - **YELLOW** - Button mapping for the blue button
10. Select **File** then **Refresh Navigators**
11. Congratulations you have set up the projector

Licensing

- How does the trial period work?

All Chowmain drivers are free to use for a set trial period. When the trial expires the driver will cease to function until you purchase a licence and apply it to the driverCentral project.

- Where do I buy a Licence from?

This driver is developed by Chowmain software & Apps and is distributed by driverCentral, Inc
<https://www.drivercentral.io/chowmain-ltd>

To purchase a driver:

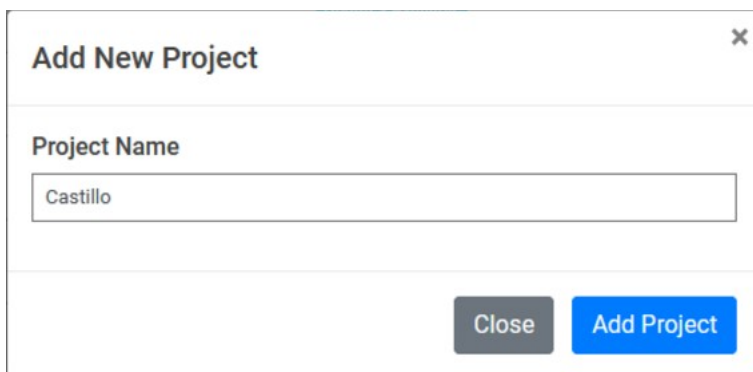
1) On driverCentral, purchase a license and register it to your project

1) If the driver is not already installed in your project, download it and install it

1) If necessary, use the cloud driver's Action: "Check Drivers" to force the licence to download into the project


Creating a Project on Driver Central

1. Visit <http://www.drivercentral.io>
2. Log into your driver Central dealer account
3. Click **Portal**
4. Click **New Project**
5. Enter the project name




The screenshot shows a modal dialog titled "Add New Project". Inside the dialog, there is a label "Project Name" above a text input field. The input field contains the text "Castillo". At the bottom right of the dialog, there are two buttons: a grey "Close" button and a blue "Add Project" button.

6. Click **Add Project**
7. Click on the project we just created

Project	Status	Created
 Castillo	Unassigned Project	1999-12-31 23:59:56

- Take note of the **Project Token** as this will be used later when we install the Cloud Driver

Castillo 




Project Token:
ABCDEF012

MAC:
000FFF123456

IP:
1.2.3.456

Connection Status:
Online

Last Seen:

Actions:
  

There are no drivers attached to this project.

Close

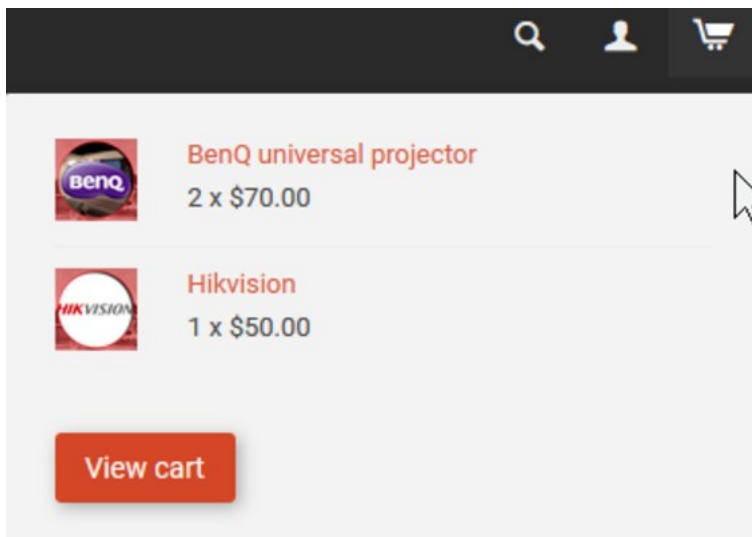
- Click **Close**

Purchasing a Driver Licence

- Visit <https://www.drivercentral.io/chowmain-ltd/> and find the product/driver you want to purchase a licence for
- Click on **Add to Cart**

ADD TO CART

- Now click the shopping cart icon (top right) and click **View cart**



- Confirm that your order is correct and click on **Proceed to checkout**

Proceed to checkout

- Choose your payment option, provide the relevant details and click **Place order**

Checkout

Paypal
Paypal, or Credit Card...

Credit Card
Visa, Mastercard, etc...

☐ Select this check box to accept the [Terms and Conditions](#)

☐ Subscribe to our newsletter

Place order (\$190.00)

6. You will now be at a page where you can see your purchased licence

License Name	License Key	Project Assigned	Action
[Redacted License Information]			Assign to Project

7. From here assign the licence to the project we created or if you did not follow that step create a new project

License Assignment for
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Assign License to Existing Project

Select Existing Project:

New Project (enter project name below)

Or...

Create a new project

Enter New Project Name

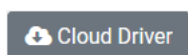
Enter email for Installer Notifi

Are you sure you want to do this?

Assign License to Project?

Install the driverCentral cloud driver

1. Visit <http://www.drivercentral.io>
2. Log into your driver Central dealer account
3. Click **Portal**
4. Click **Cloud Driver**



5. Copy the C4Z driver to My Documents\Control4\Drivers directory
6. Add the driver to your project
7. Click on the driver to view it's properties

Cloud Status	Please enter cloud project token below...
Project Information	(1) Total, (0) Licensed, (0) Trials, (1) Expired, (0) Updates.
Driver Version	1001
Project Token	<input type="text"/>
	Project token from driverCentral.io project portal
Driver Actions	<input type="button" value="v"/>
Debug Mode	Off <input type="button" value="v"/>

8. Type in the project token we took note of earlier
9. Click **Actions** tab
10. Click **Check Drivers**

Install Chowmain driver

1. Install the Chowmain driver
2. You will notice that the Activation Status reflects a Licence Activated state
3. Any driver that does not have a purchased licence will have a trial licence activated via the marketplace
Note that there is no way to reactivate the trial so please use wisely
4. If you do not then press the Check Drivers action in the driverCentral Cloud driver again

Activation Status	Update Available!!! License Activated
Driver Version	1002
Driver Information	Navigate to connections tab and make serial binding
Automatic Updates	Off <input type="button" value="v"/>

Developer Information



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Information stated in this document is current as of July 2020 and may change. For latest information please visit <http://www.chowmainsoft.com>

Support

- Phone Support

Want to talk to us? We have 3 dial in numbers and two support desks that span multiple timezones.

Support Center	Hours of Operation	Phone Number
Australian Support Desk	8:30AM – 5:00PM Australian Eastern Time	+61 3 9028 6999
New Zealand Support Desk	10:30AM – 7:00PM New Zealand Time	+64 9 889 4000

- Online Chat

Prefer to chat to us online? We also offer live chat at our American support desk.

Support Centre	Hours of Operation	URL
American Support Desk	8:30AM – 4:30PM Mountain Time	https://help.drivercentral.io/

- Support Ticket Submission

Submit a ticket and get a response within the hour from our support desk during the hours of operation or next day if out of hours

Support Centre	Hours of Operation	URL
American Support Desk	8:30AM – 4:30PM Mountain Time	https://help.drivercentral.io/

Change Log

Version 20220830 - 30-AUG-2022

- Initial release