

Oppo Bluray Player Installation and Usage Guide



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Overview

Oppo Bluray players provide an unmatched A/V experience to home theater enthusiasts. Drawing from over a decade's worth of experience in advanced imaging processing technology and high fidelity audio performance, the Oppo Bluray players are the ideal source to complete the ultimate home theater and sound room.

The Chowmain Oppo Bluray driver for Nice Home Management provides the most advanced 2 way feedback and control over your Oppo bluray player for Nice Home Management. Create the perfect automated media experience for your customer by providing automated control over projection modes, screen masking, room lighting, automated audio device startup and/or video device startup and more with our easy to use solution.

Features

- Full two way feedback.
- Ability to programmatically automatically room on 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.
- Ability to programmatically automatically room off when you press the physical power off button
- Play, Pause, Stop feedback
- Disk Tray Open, Close, Empty and Loading feedback
- Disc Type (Bluray, DVD-Video, DVD-Audio, SACD, CDDA, HDCD, VCD, SVCD, DATA) detection feedback
- Audio Type (Dolby Digital, Dolby Digital Plus, Dolby TrueHD, DTS, DTS-HD High Resolution, DTS-HD Master Audio, LPCM, MPEG Audio, CD Audio) detection feedback
- In Home Menu & Menu Menu feedback
- Source Resolution feedback
- Output Resolution feedback
- Aspect Ratio feedback

FAQ

What hardware will this work on?

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

- BDP-83
- BDP-93
- BDP-95
- BDP-103
- BDP-103D
- BDP-105
- BDP-105D
- BDT-101CI
- UDP-203
- UDP-205

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.
- Automatically turn the whole AV system off when the user presses the physical power off button on the unit.
- Program different projection modes and screen masking based on resolution and aspect ratio feedback.
- Change receiver settings when different audio types is detected.

Do you offer showroom discounts?

We offer dealers a free showroom licence for demonstration and educational purposes. More information is available from the [Chowmain Website](#)

Setup

Requirements

- Nice Home Management Core 8.8.600 or later is required
- This driver requires a valid licence for use. More information is available on the [Chowmain Website](#). Customers can also trial the driver for 90 days prior to licence purchase. Dealers who have showrooms can demonstrate the driver for free via the Chowmain Dealer Showroom Licence. You can apply for a showroom licence via the Chowmain website.

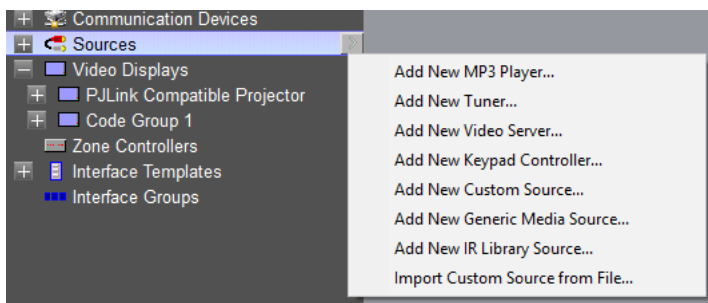
Installation Process

Please follow connect the Oppo bluray player via RS232 serial before proceeding with the Configuration steps below.

1. Download the latest version of the driver from our distributor driverCentral.
2. Extract the file to your preferred driver storage location.
3. In configurator click on the Media tab

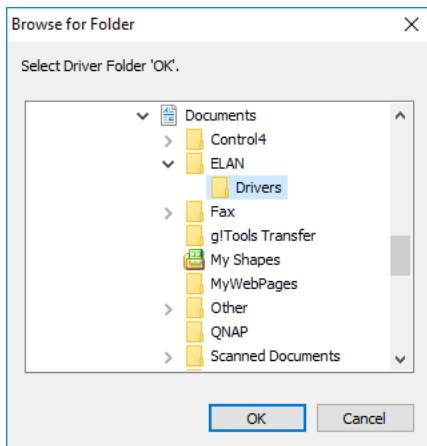


4. Click on the arrow next to Sources Devices
5. Click on Add New Generic Media Source

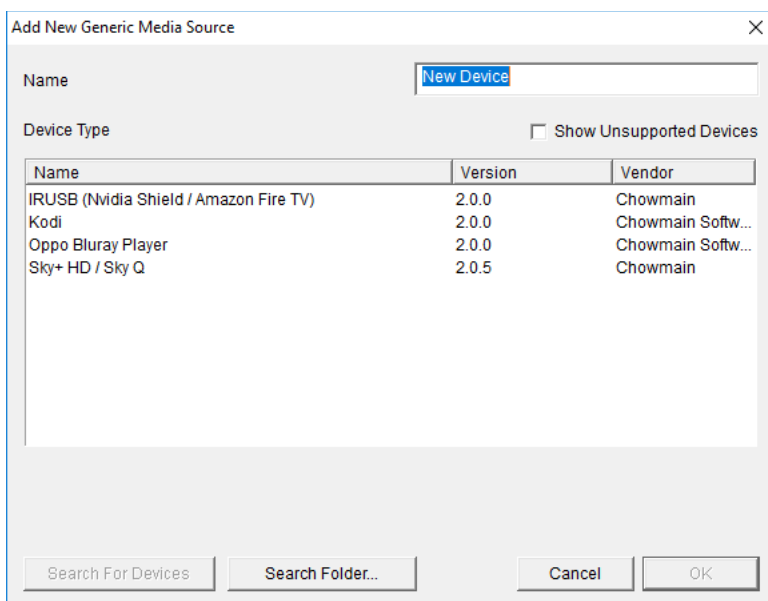


6. Click on the Search Folder button

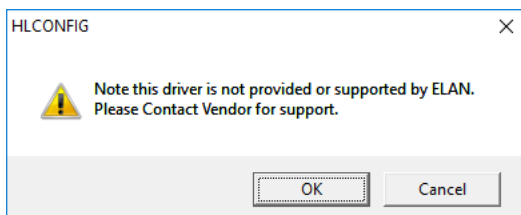
7. Select your driver folder and press ok



8. Select the Oppo Bluray Player driver.

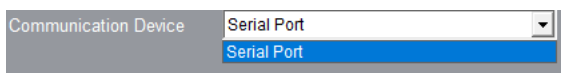


9. Configurator will warn you that the driver is not provided or supported by Elan/Nice. Click on OK.

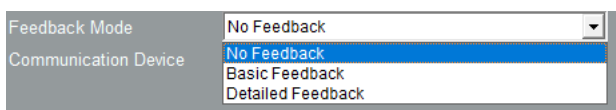


10.Highlight the Oppo Bluray Player driver with the music symbol next to it.

11.Set the Communications Device to the appropriate device (note you may need to add in the serial port if you have not done so already)



12.Select the desired level of feedback. Basic Feedback is required for most feedback but aspect ratio feedback and resolution feedback requires detailed feedback. Detailed feedback will cause more traffic on the serial connection which will increase the processing of the system.



13.Highlight the Oppo Bluray Player driver with the following symbol next to it.



14.If you want the Oppo to power on and off set Power Management Enable to Yes

Power Management Enable

15.Expand on your Video Display or your Zone Controller

16.Click on the input you want to configure

17.Assign the Oppo Bluray Player driver as the source device

18.Congratulations you have successfully setup the Oppo Bluray Player driver Now you need to program customized event maps based on the feedback from the Oppo.

19.Please note, a licence purchase will be required to use this driver outside of the initial trial period

Nice Home Management Configuration

The following table provides settings used in Configurator when connecting to Oppo devices. Please refer to the Configurator Reference Guide for more details.

Devices	Variable Name	Setting	Comments
Generic Media Device (Oppo Bluray Player)	Name	" User Defined"	
	System#	" Auto Detect"	
	Driver Version	" Auto Detect"	
	Driver Vendor	Chowmain Software & Apps	
	Device Type	Oppo Bluray Player	
	Activation Key	" User Defined" This is the driverCentral activation Key	See Note 1
	Activation Status	" Auto Detect" This provides the licence status feedback	See Note 1
	Debug Mode	" User Defined" This sets the logging for the driver.	See Note 2
	Feedback	This determines how much feedback the Oppo should send	See Note 3

Notes

1. The driver requires a valid licence for use. All of the licences are site licences. This means that you can use as many instances of the driver as you want in a single system with the one licence. The driver also comes with a built in 90 day trial. The driver will provide feedback as to the state of the licence in the Activation Status field.
2. Debug Mode – This is used for troubleshooting. By default it is set to off. print is used by technical support for live troubleshooting. Log is used to output to the driver log. Print and log is used to provide technical support with live troubleshooting and log to driver log at the same time.
3. The sends a command to the Oppo. As such the driver needs to be connected to a communications device and the physical connection needs to be made BEFORE setting this dropdown.
 - No Feedback – The Oppo will not send any feedback at all. As such no two way functionality will work.
 - Basic Feedback – The Oppo will send feedback for most events but does not include aspect ratio feedback and resolution feedback.
 - Detailed Feedback – The Oppo will send feedback for all events including updates every second when a movie starts. This will take up more processing power.

Common Mistakes

1. You need to assign a communications device first before setting feedback mode or licencing.
2. You have not assigned power on / off functionality

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?

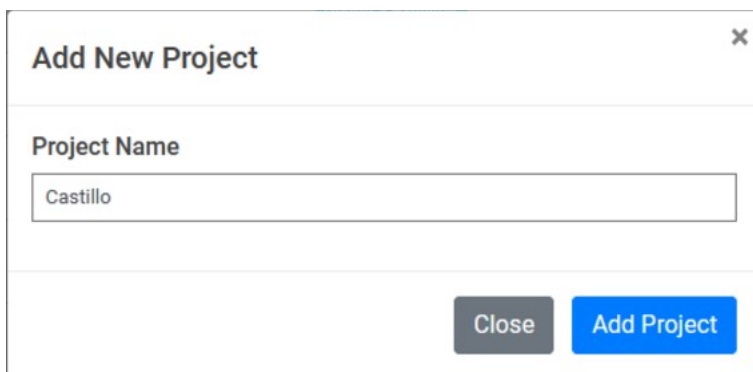
This driver is developed by Chowmain software & Apps and is distributed by driverCentral, Inc
<https://www.drivercentral.io/chowmain-ltd>

To purchase a driver:

1. On driverCentral, purchase a license and register it to your project
2. If the driver is not already installed in your project, download it and install it
3. 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

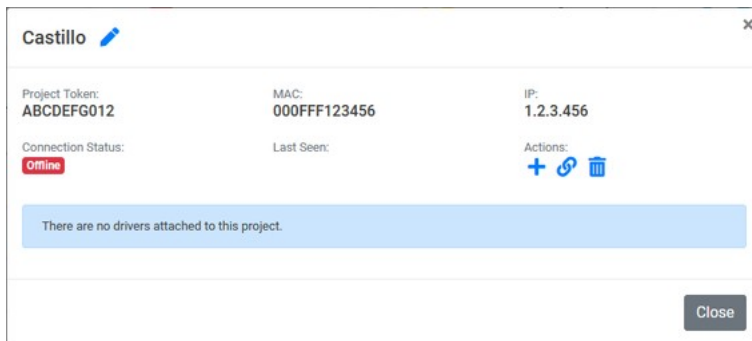


The screenshot shows a modal window titled "Add New Project" with a close button in the top right corner. Below the title, there is a label "Project Name" and a text input field containing the text "Castillo". At the bottom of the modal, there are two buttons: a grey "Close" button and a blue "Add Project" 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



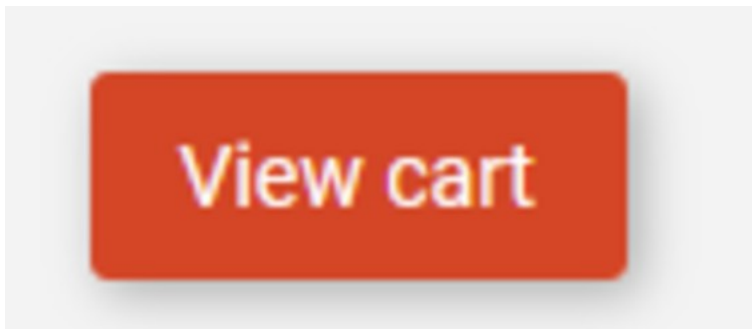
- Click **Close**

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]			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 221

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?

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

Ticket / Live Chat Support

We provide ticket based support and live chat support for those who can't contact us via phone. Click the button below to visit our online helpdesk.

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

Phone Support

Support Center	Hours of Operation	Phone Number
Australian Support Desk	6:30AM – 5:30PM Australian Eastern Time	+61 3 9028 6999

Driver Documentation

All of our drivers come with detailed instructions on how to install and configure the driver for use in different projects. Please refer to the documentation included with the driver you downloaded, or [contact us](#) if you are unable to locate the documentation for your driver.

CHANGELOG

2024.7.29 - 29 JUL 2024

- Modernise Backend
- Add Improved Troubleshooting and Submit Diagnostics support
- Upgrade Communication Stack
- Fix Home Menu / Disc Loading and Media Center Feedback

2.1.1 - Nov 20 2020

- Implemented Phone & Small UI

2.1.0 - Jul 19 2018

- Updated to latest Chowmain library. Improvements over socket connections, timers, callbacks and more.

2.0.0 - Jan 16 2018

- Initial Release