

Android Remote Installation and Usage Guide



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Overview

Want to control the Amazon Fire TV, Chromecast with Google TV, Nvidia Shield, Xiaomi Mibox, AirTV and more? The Chowmain Android TV driver is designed to control Google Android TV boxes. It is a software only solution so no extra hardware required. This allows you to utilise the ELAN's viewer and HR remotes to navigate the Android operating system and control applications as you would with a normal infra red remote control. No need to root the device and no need to install any additional hardware.

Add to this the ability to launch applications via commands for individual apps (for the most popular applications), via HR remote buttons and also programmatically and the ability to input text via an onscreen popup keyboard.

This driver requires a 3rd party application called Zank Remote (Amazon App Store/ Google Play Store) be installed and configured on your android device. Just install the app from amazon app store or play store and follow the instructions to configure the Android TV box. We partnered with the developer of Zank to further develop their app to provide the functionality we require for integration. Note a portion of licencing revenue goes towards our partners at Zank to support the Zank app development.

Features

- IP control over the majority of Android based devices. No additional hardware required and no root access required.
- Ability to direct launch many of the popular applications
 - Bing
 - Crunchy Roll
 - Disney Plus
 - HBO Max
 - Kayo
 - Netflix
 - Plex
 - Sky Sports Now
 - Sling
 - Stan
 - Tubi
 - Twitch
 - Youtube
 - Youtube Kids
 - Youtube TV
- Keyboard support for text entry (perfect for inputting username, password or search text).

Setup

Requirements

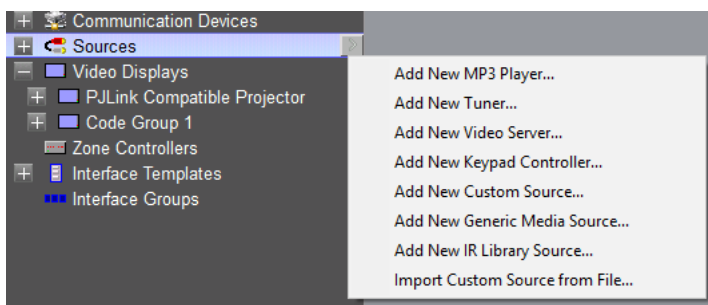
- Nice Home Management Core 8.8.600 or later is required
- Prior to driver installation please install the Zank Remote application from Google Play store on the Android TV Box and follow their setup instructions. It is important that you do this as without correct setup you will not be able to control the Android TV Box.

Installation Process

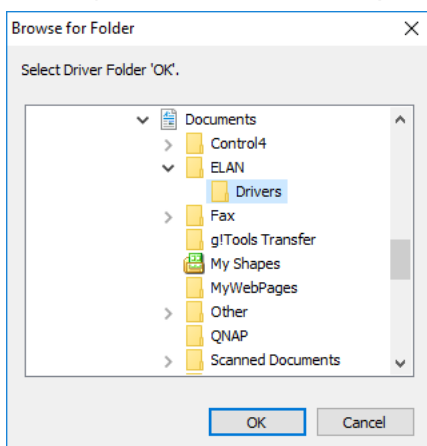
1. Download the latest version of the driver
2. Extract the file to your preferred driver storage location.
3. In configurator click on the Media tab



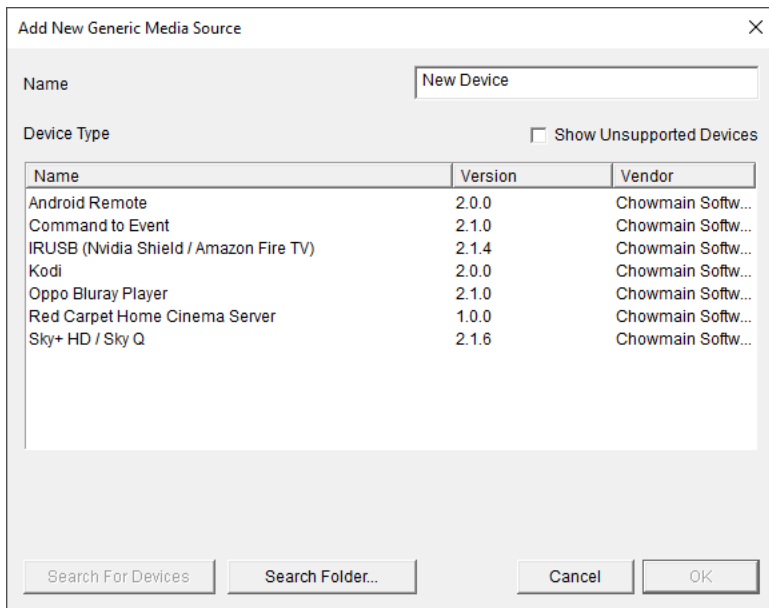
4. Click on the arrow next to Sources Devices
5. Click on Add New Generic Media Source



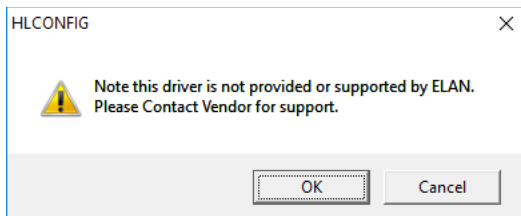
6. Click on the Search Folder button
7. Select your driver folder and press ok



8. Select the Android Remote driver.

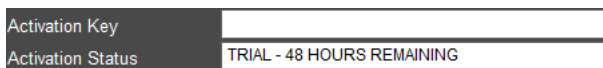


9. Configurator will warn you that the driver is not provided or supported by NICE. Click on OK.

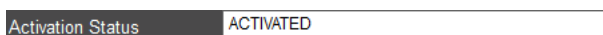


10. Highlight the Android Remote driver with the symbol next to it.

11. The driver will advise you that you have 90 days to test the driver out. If you have purchased an activation key please type it in here then click on Apply.

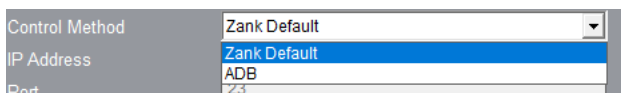


12. Note that if you have typed in a valid activation key your status will change to ACTIVATED (you need to click off of the driver onto something else and back again to see the changes to the status).

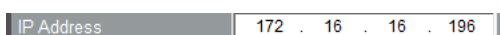


13. Select the control method you want to use. This changes the remote control commands the driver sends.

- a. Zank Default – This is a faster control method but does not work for all apps.
- b. ADB – This will work on all apps but is slower than Zank Default



14. Enter the IP Address of the Android box.



15. Click on each Page Layout and modify to delete the apps buttons/images not used or modify each interface to suit other applications which you may want to use. Note other applications have been added as Universal Functions as well so please choose the apps your customer wants.

16. Expand on your Video Display or your Zone Controller

17. Click on the input you want to configure
18. Assign the Android Remote driver as the source device
19. Congratulations you have successfully setup the Android Remote driver. Please note, a licence purchase will be required to use this driver outside of the initial trial period

g! CONFIGURATION DETAILS

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

Devices	Variable Name	Setting	Comments
Communications Device (Advantage Air MyAir)	Name	" User Defined"	
	System#	" Auto Detect"	
	Driver Version	" Auto Detect"	
	Driver Vendor	Chowmain Software & Apps	
	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
	Number of Aircons	" Auto Detect" This is the number of aircons that that are connected to MyAir	
	System Name	" Auto Detect" This is the name the MyAir installer set up on the touchscreen.	
	System Type	" Auto Detect" This is the MyAir type	
	Dealer Phone Number	" Auto Detect" This is the MyAir installer's phone number	
	Poll Interval	" User Defined" This is how often the driver should poll Advantage Air for feedback	
	IP Address	" User Defined" This is the IP address of the Advantage Air MyAir Touchscreen	See Note 2

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. Control Method - This changes the remote control commands the driver sends.
 - a. Zank Default – This is a faster control method but does not work for all apps.
 - b. ADB – This will work on all apps but is slower than Zank Default
3. This is the IP Address of the Android Box. Please make sure that it is on a static IP address or reservation. Change of IP address will result in loss of control.

COMMON MISTAKES

1. IP Address needs to be on a static IP address or IP reservation
2. Zank Remote app on Android TV Device must be installed and configured correctly
3. Developer Mode on Android TV device is not enabled and/or USB debug is not enabled.

FAQ

What devices does this work with?

This driver is tested to work with

- AirTV
- Amazon Fire TV
- Chromecast with Google TV
- Nvidia Shield
- Xiaomi MiBox
- Foxtel Now
- Other Google / Android TV Boxes

It will also work on other Android TV boxes as long as it can run Zank Remote.

What cool things can i do with this?

- Popup keyboard allows for text entry.
- Quick app launching command can be tied into buttons to launch Netflix, Disney+, Youtube and more.

I want to try this driver out before buying it?

All Chowmain drivers for ELAN come with a 90 day trial.

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?

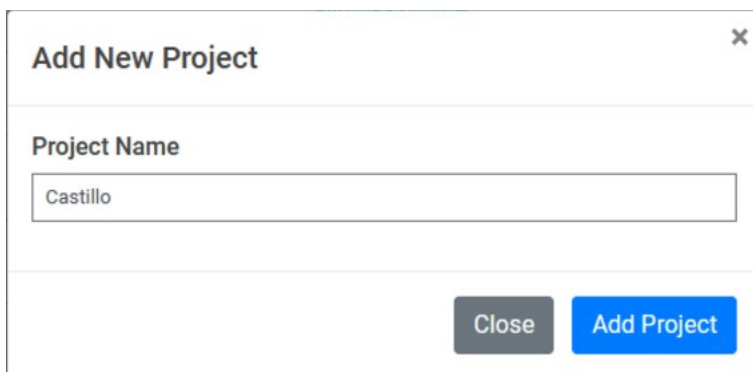
This driver is developed by Chowmain software & Apps and is distributed by driverCentral, Inc
<https://www.drivercentral.io/chowmain-ltd>

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



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:
Offline

Last Seen:

Actions:
  

There are no drivers attached to this project.

Close

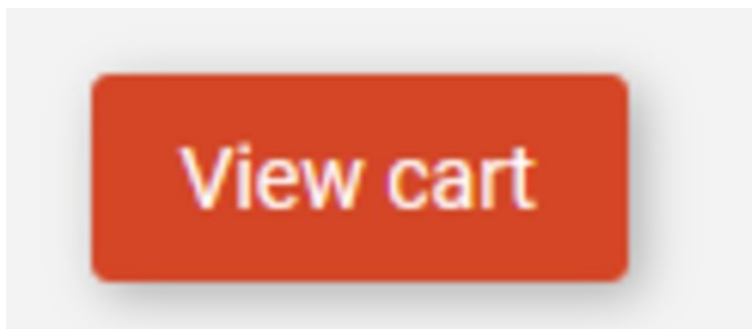
- Click **Close**

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**

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 Binge Icon Issue
- Misc Fixes

2.0.8 - 31-OCT-2023

- Updated to support HR40 remote

2.0.7 - 12-JUL-2022

- Updated SBS on demand, 9 now, ten all access.

2.0.6 - 09-MAY-2022

- Added support for Prime Video, Apple TV, Paramount Plus, Curiosity Stream, ABC iView, SBS On Demand, Nine Now as quick launch commands.

2.0.5 - 14-FEB-2022

- Added dropdown box to configure macro for launching app with choices of back, back home, home or none. This resolves issues with Nvidia Shield running Android 11 turning off when apps are launched.

2.0.3 - 29-JUL-2021

- Fixed issue which caused the driver to fail to work in certain cases

2.0.2 - 26-JUL-2021

- Added new control method 'Zank Default Advanced'. Zank default (Advanced) is a new extremely fast control method that supports pretty much all apps and is speedy (2.5x faster)
- Added Stop command

2.0.1 - 07-APR-2021

- Fixed issue with trials not activating.