

# JVC LX-NZ30



## Compatible Control4 Systems:

Designed to work with OS 3.0+

## Compatible Hardware

This driver supports JVC's LX-NZ30 Projector

## Driver Download, Change Log & Documentation:

<https://drivercentral.io/platforms/control4-drivers/audio-video/jvc-lx-nz-30-projector/>

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## Overview/Features

For decades, JVC has been a leader in the home theater industry, renowned for its exceptional quality and innovation. The JVC Projectors offer remarkable clarity, vibrant colors, and outstanding contrast. Now, with the JVC LX-NZ-30 projector, experience seamless integration with the modern Control4 driver, ensuring effortless setup and long-lasting performance. Transform your viewing experience with JVC's cutting-edge technology.

- Turn the projector on and off
  - Select the projector's video input
  - Send hex commands through TCP/IP or RS232 to completely manage the projector and receive status updates
  - Set a threshold on when you would like an email notification when the lamp life hits a certain milestone
  - Advanced Commands allow you to utilize the projector's full API for even more granular control by sending custom hex messages
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## Driver Setup

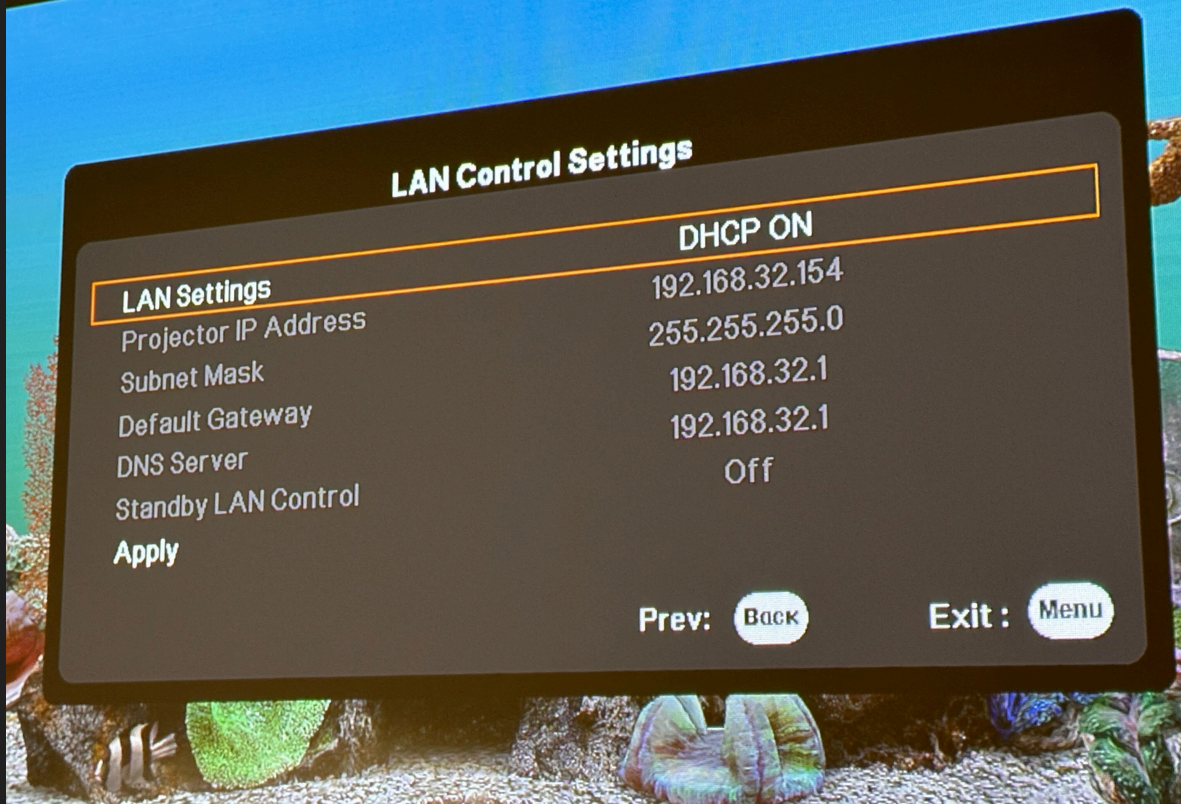
1. Configure the JVC projector per device's documentation
2. Add driver to project
3. Select the proper "Connection Method" under "Projector Settings" in the driver
4. Set the devices IP address in Composer under Connections -> Network, then follow the steps below in the next section for "IP Control Setup" or....
5. Make RS232 binding
6. Set up driver programming as needed

### IP Control Setup

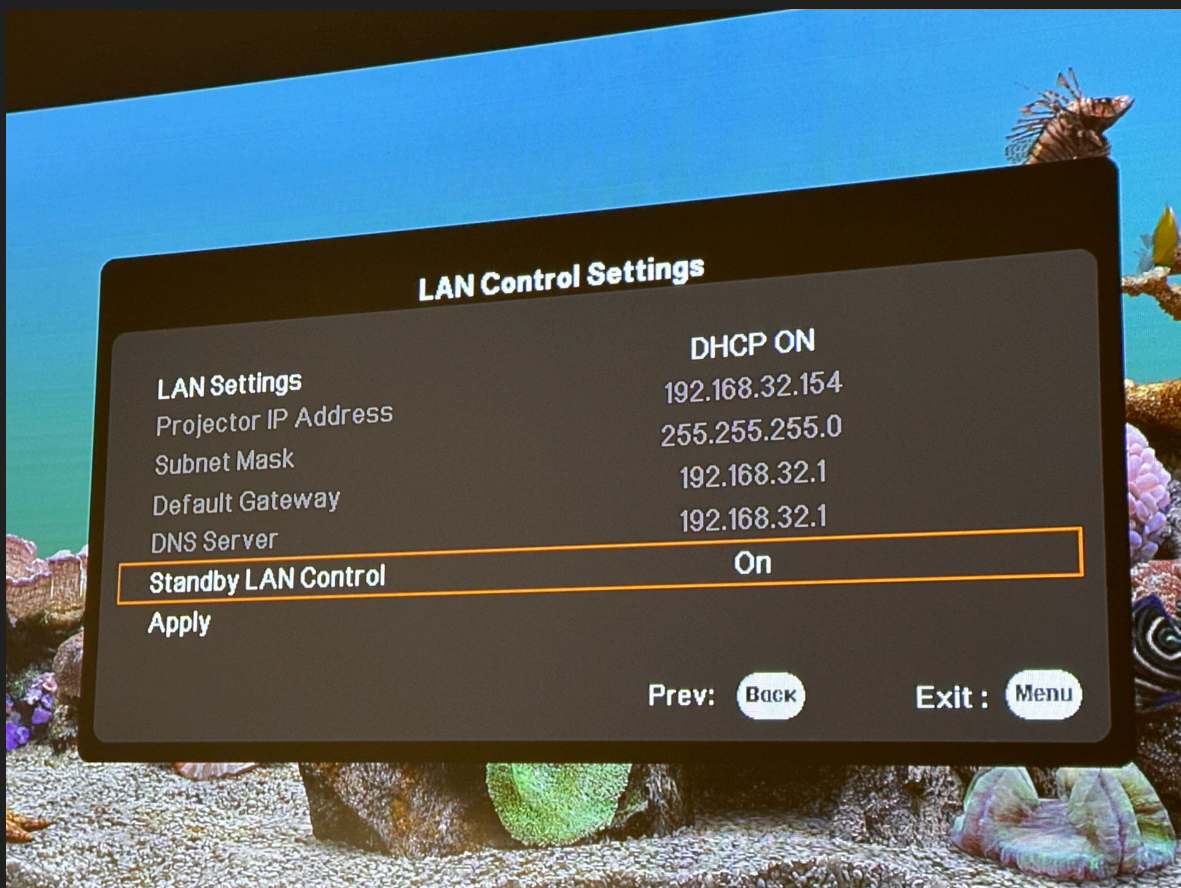
1. Make sure the IP address is entered in Composer under Connections => Network
2. Turn on the projector
3. In the projector's menu, go to the "Advanced" tab (third to the right) and click on "LAN Control Settings"



4. Make sure the greyed out properties such as IP address are populated with real info. Sometimes, if you just started up the projector, it will just display zeroes, but it can take a minute before the information is populated with real data



5. If "Standby LAN Control" is greyed out, go to the driver in Composer, and in the "Driver Actions" property, select "Unlock LAN Control" and hit select
6. Now go back to the Advanced menu and "Standby LAN Control" should be selectable. Set it to "On". Then hit "Apply" to save the change



7. If "Standby LAN Control" is not selectable, repeat the previous step and run the "Unlock LAN Control" command again in Driver Actions. You may need to power cycle the projector in some cases
  8. The projector should now be controllable over an IP LAN connection
  9. This setup process only needs to happen once, unless the projector has been factory reset
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## Dealer Notes

- Device is considered offline after three failed polling attempts
  - 8 commands can be sent through IR exclusively (These must have an IR connection set up to work), regardless if you are primarily connected by IP or RS232
  - The supported IR commands are
    - Up, Down, Left, Right, Menu, Enter, Cancel, TV/Video
  - To get IP working correctly, make sure to follow steps in "Driver Setup" and "IP Control Setup" and use the Driver Action: "Unlock LAN Control"
  - The cooldown period for the projectors tested is nearly instant, and in many cases, will never trigger the "Cooling Down" event and just go straight to "Off"
  - The start up process for the projector is very quick as well. If using IP control, "Warming Up" will very rarely fire the event. While in RS232, you may get the "Warming Up" event to fire, but it will only last about four seconds max before being completely "On"
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## Driver Properties

- *Cloud Status*: Displays driver license state
- *Driver Status*: Displays driver related information
- *Driver Version*: Displays driver version
- *Driver Actions*:
  - *View Status*: Immediately updates the driver's power status
  - *Unlock LAN Control*: Sends a command to the projector to unlock the ability to control the projector through IP

- *Reset All Settings*: Resets projector settings, but does not reset the following: Keystone, Corner Adj., Warping, ZoomDigital Zoom (when adjust value < 1.0x), Digital Zoom, LAN Control Settings, Language, Projector Mode, High Altitude Mode, Password, Control Method and Baud Rate
  - *Reset Color Settings*: Resets color settings of the projector back to default
  - *Reset Email Threshold*: Resets the email threshold so it will send an email on next poll if the Lamp Hours of the projector are greater than the threshold set by the dealer
  - *Automatic Updates*: Toggle on or off the ability for the driver to automatically update to newest version
  - *Debug Mode*: Displays additional information on the lua tab for debugging purposes
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## Projector Info

- *Power Status*: Displays the power status of the projector
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## Projector Settings

- *Connection Method*: Selects the communication method (RS232 or TCP/IP)
  - *Device Connection*: Displays connection status to the projector
  - *Polling Timer*: Set in seconds how often you want to poll the projector. Default is 60 seconds
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## Email Notification Settings

- *Current Lamp Life Hours*: Displays the current Lamp Life Hours of the projector. User manual states the LX-NZ-30 is good for 20,000 hours
- *Lamp Life Warning Threshold*: If the Current Lamp Life number ever gets to this value, it will send out a warning email to let you know. Default value is 19,000
- *Owner Emails*: Input owner emails that want to receive warning email. Separate multiple emails by a comma

- *Integrator Emails:* Input integrator emails that want to receive warning email. Seperate multiple emails by a comma
  - *Default Subject:* Change the default subject line of the warning email
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## Device Actions

- *Set Power:* allows you to utilize the projector's full API for even more granular control by sending custom Hex commands
  - On, off
- *Splash Screen:* Sets projector splash screen
  - Black, Blue, JVC
- *High Altitude Mode:* Turn High Altitude Mode on or off
  - On, Off
- *Light Source Mode:* Select the projector light source power from the following modes
  - Normal, Eco, Dynamic Eco
- *Projector Position:*
  - Front, Rear, Front Ceiling, Rear Ceiling
- *Aspect Ratio:*
  - Auto, 4:3, 16:9, 16:10, 2.35:1, Auto
- *Color Temperature:*
  - 5500K, 6500K, 7500K, 8500K, 9500K
- *Blank:*
  - On, Off
- *Color Mode:* NOTE: if setting to "Gaming", an additional on screen prompt may appear which must be handled with remote to confirm the setting changes
  - Natural, Cinema, Dynamic, Gaming, Animation
- *HDR:*
  - Auto, SDR
- *Gamma:*
  - 1.8, 2.0, 2.2, 2.4, 2.6
- *Source Input:*

- HDMI 1, HDMI 2, USBC, DP
  - *Color Space:*
    - RGB, YCbCr, Auto
  - *Input Level:*
    - Enhanced, Normal, Auto
  - *Warping Enable:*
    - On, Off
  - *Advanced Command:* allows you to utilize the projector's full API for even more granular control by sending custom Hex commands
    - You only need to input the command and the driver will handle adding the checksum for you
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## Support

If you require additional driver assistance or are having some issues please visit our help desk: <https://help.drivercentral.io>

## Showroom and Free Trial

All Cindev drivers for Control4 come with a 7-day trial. Simply add the DriverCentral licensing driver, *Cloud Driver*, along with this driver and you can fully test the driver before purchasing. Including Cindev drivers in your drivercentral showroom project will give you unlimited use without purchase.

## Warranty & Disclaimer

[www.cindev.com/terms-and-conditions](http://www.cindev.com/terms-and-conditions)

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## Developer Information

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We are always looking to improve our drivers.  
Please send your suggestions to: [info@cinddev.com](mailto:info@cinddev.com)