Advatek Pixlite Mk3 Installation and Usage Guide



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Overview

Advatek PixLite is a professional-grade family of LED pixel controller products designed for installations ranging from small-scale decorative projects to large, commercial or architectural lighting displays. These controllers allow high-precision control over individually addressable LED pixels.

Features

- 2-way IP Control
- Native Control4 Color Lighting Functionality

Lighting Extras

- Status
    - Mode
    - Operation
    - Playback State
    - Temperature
    - Current Draw
    - eFuse Status
- Mode
    - Live
    - Freeze
    - Blank
- Playback
    - Play
    - Pause
    - Play/Pause
    - Restart
    - Previous
    - Next
    - Previous Scene
    - Next Scene
- Scenes
    - Scene List
- Playlists
    - Playlist List

Programming Commands

- Execute Playlist
- Execute Scene
- Playback Controls
- Set Intensity
- Set Mode

Actions

- Identify

- Test Mode

Driver Events

- Connected
- Disconnected
- eFuse Good
- eFuse Bad
- Error
- No Error
- SD Card Not Found

Keypad Bindings

- Intensity On
- Intensity Off
- Intensity Toggle
- Play
- Pause
- Play/Pause
- Restart
- Previous
- Next
- Previous Scene
- Next Scene
- Mode Live
- Mode Freeze
- Mode Blank

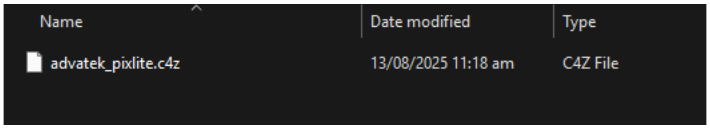
Setup Guide

Before you start, make sure that:

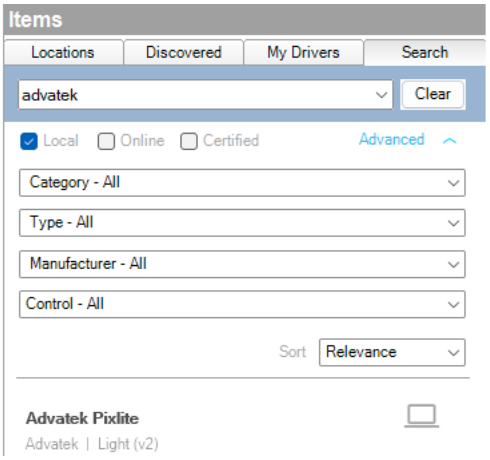
- You have access to Composer Pro and your Control4 system. Composer Express is not supported.
- Your Control4 system is on OS 3+
- The Advatek Unit is fully functional and commissioned.
- Ensure the IP Address is statically assigned or reserved in your network.

Add and connect the Advatek Pixlite driver into the Control4 system.

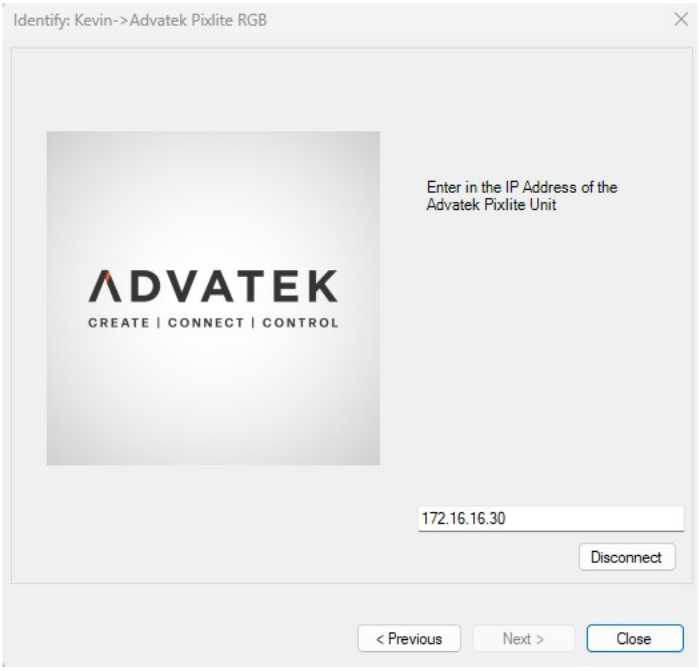
1. Select Driver > "Add or Update Driver or Agent" from the toolbar in the top left of Composer Pro and add the Advatek Pixlite driver.



2. Add the Advatek Pixlite Driver into your project.

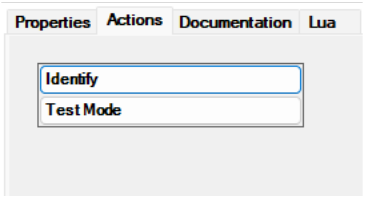


3. Make Driver Connection to Device



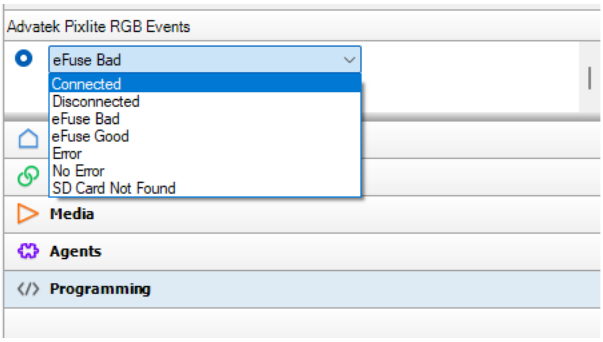
4. If there is a password set for the admin user, enter the password.
5. Driver will attempt connection to the Device. Upon successful configuration, the driver status will show "Connected".
6. Refresh Navigators.

Driver Actions



- **Identify** - Sends the Identify request to visually locate a controller.
- **Test Mode** - Sends Test Data Mode request to assist in confirming functions.

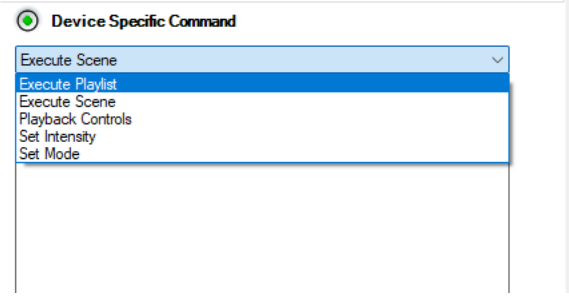
Driver Events



- **Connected** - triggers when the driver is successfully connected to the unit.

- **Disconnected** - triggers when the driver disconnects from the unit.
- **eFuse Good** - triggers when all outputs fuse is ok.
- **eFuse Bad** - triggers when the an output reports a bad fuse.
- **Error** - triggers when an error is received.
- **No Error** - triggers when errors are cleared.
- **SD Card Not Found** - triggers when an error with the SD Card is received.

Commands



- **Execute Playlist** - Sends a configured playlist to the device.
- **Execute Scene** - Sends a configured scene to the device.
- **Playback Controls** - Sends a playback control command to the device.
- **Set Intensity** - Sets the intensity of the device.
- **Set Mode** - Sets Device Mode.

Variables

- **Current Draw(milliamps)** - Output port's current draw.
- **eFuse State** - Output port's fuse state. (True = Good, False = Fault)
- **eFuse Description** - Good/Bad.
- **Has Error** - True/False, whether an error has been received.
- **Last Disconnect Code** - Websocket disconnection error code.
- **Last Disconnect Description** - Websocket disconnection description.
- **Last Error Code** - Last Error Received Code.
- **Last Error Request** - Last Request that received an error.
- **Last Error Description** - Last Error Received Description.
- **Temperature** - Current Temperature of the Controller in Degrees C.

Troubleshooting

If you are experiencing issues with the driver, follow these basic steps for troubleshooting.

1. If you are able to replicate the issue, turn on Print >> Debug



2. Navigate to the Lua window, replicate the issue, save the contents of the Lua window.

3. Contact Chowmain for technical support. Link Here

FAQ

Where Can I find more product Information?

Advatek Website

How much does this driver cost?

This driver is sponsored by Advatek and is FREE of charge

Change Log

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- Initial release