

# VERTILUX

## IDEAS FOR YOUR SPACE

### **Compatible Control4 Systems:**

Designed to work with OS 2.9.1, 2.10.6, 3.0+

### **Compatible Hardware:**

Vertilux Shades / VTi® Celtic Motors Driver

Vertilux Serial Interface (part number: 6-700-AT-R1485)

<https://vertilux.com/en/products/celtic-ii-wireless-transmitter-for-rs232-rs485>

<https://vertilux.com/en/applications/roller-shades>

### **Driver Download & Change Log:**

Please visit <https://www.drivercentral.io>

## **Overview**

Control shades wirelessly through RS232 gateway (Vertilux Serial Interface).

Open/Close/Stop/Toggle.

Simulated Two-Way control.

Go to percentage open or close (Simulated Two-Way mode only).

## **Dealer Notes**

Vertilux Shades require a PC program to setup/configure. Contact Vertilux to obtain software.

(If using Simulated Two-Way proxy type) The driver tracks Shade position virtually. Any movement of the shade that was not executed via the driver will not be reflected on the driver. We recommend removing remotes and other control of the shades that does not come from the driver.

## **Setup and Wiring**

- Use a Cat5e/6 cable **terminated B**
- Wire
  - Pin 1 (White/Orange) to RS232 Pin 1 (Tx).
  - Pin 2 (Orange) to RS232 Pin 2 (Rx).
  - Pin 6 (Green) to GND.

(Note, The device will work if Pin 6/GND is not hooked up but the test RS232 communication functionality will not work).
- Add driver (Vertilux Interface) driver to the project.

- Go to Connections and bind the RS232 connection to the proper RS232 connection you used.
- Go back to System Design, select the driver, select the drop down action:  
Test Communication. If this works you should see this below:

**Note:** You can just use Rx and Tx for wiring. If you do, the Test Communication will always fail. Just continue to the next step.

**Press Driver Action:** Open All Shades and Close All Shades. Test to make sure the shades are moving before adding the Shade drivers to the project.

### **Setup (Shade Drivers)**

- Setup Shades according to Vertilux documentation
- Add Shade drivers for each shade in home.
- Set System Address (Typically this should be set to 1)  
If set to 0 then the command will go to all System Hubs
- Set Shade Channel Address (1-16)  
If set to 0 then the command will go to all shades
- Show/Hide shades and configure Control4 UI's for shade control

### **Shade Proxy Type (One-Way/Simulated Two-Way)**

Vertilux shades are one-way shade motors. This means the driver DOES NOT receive information of shade level or state. Because of this, the driver supports two methods of user control.

Simulated Two-Way. This method shows a 0-100% slider for shade control. The driver uses the Open and Close times defined in the shade driver to determine shade level. In this case, if a shade is 'moving' and toggle is pressed, the driver will send a STOP command.

One-Way. This method (default) gives customers an UP, DOWN and STOP commands only. Toggle will send the opposite shade direction when pressed.

### **Support**

Please contact Vertilux for installation issues or support:

#### **Email**

vtisupport@vertilux.com

#### **Address**

7753 NW 79th PL, Medley, FL 33166 - United States

#### **Phone**

+1.800.356.8837 (toll free)

+1.305.593.9494

vertilux.com

### **Development Tools**

Driver uses the Control4 Blind Proxy

Driver communicates via RS232

DriverCentral Licensing and Driver Management

### **Warranty & Disclaimer**

<https://www.cindev.com/terms-and-conditions>

### **Developer Information**

Cinegration Development, LLC

<https://www.cindev.com>

<https://www.drivercentral.io/cinegration>