

Blustream PWR4IEC / PWR8IEC / PWR8VDC Installation and Usage Guide



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Overview

Blustream offers a range of advanced power management solutions designed to support reliable and efficient power distribution in AV and automation systems. Among their products are the PWR4IEC, PWR8IEC, and PWR8VDC. The PWR4IEC and PWR8IEC models are professional-grade power distribution units with four and eight IEC outputs, respectively, ideal for installations requiring robust power control and monitoring. These units provide surge protection, real-time monitoring, and advanced scheduling capabilities for connected devices, ensuring optimal performance and system reliability. They are particularly suited for rack-mounted AV setups, offering convenience and centralized control.

The PWR8VDC is an eight-output DC power distribution unit specifically designed for low-voltage devices, such as networking devices, media players and other av sources. Each output supports independent voltage adjustment as well to compensate for potential drops over extended cable runs , ensuring consistent and stable power delivery. Additionally, the PWR8VDC features individually switched USB ports, providing greater flexibility for powering or controlling USB-based devices. This combination of adjustable voltage outputs and USB switching enhances the unit's versatility, making it an ideal solution for complex installations requiring precise and reliable power management.

Features

- All Outlet On
- All Outlet Off
- USB Outlet On (PWR8VDC model only)
- USB Outlet Off (PWR8VDC model only)
- System Restart
- Outlet On
- Outlet Off
- Outlet Toggle (switches between on and off)
- Outlet Cycle (power cycles the outlet)
- Feedback Voltage
- Feedback Total Power
- Feedback Total Current
- Feedback Outlet Voltage
- Feedback Outlet Current
- Feedback Outlet Power

Setup Driver

NOTE: Before setting up the driver please setup device via the Blustream web interface

1. Add in the driver
2. Click on System Design
3. Highlight the Blustream PWR multiview switcher driver
4. Select the model you are using (PWR4IEC, PWR8IEC, PWR8VDC).
5. Click on Connections
6. Click on Network
7. Identify the Blustream PWR or type in the IP address.
8. If you wish to provide control via navigator then you must add in relay based drivers.
9. Click on Connections
10. Under Control/AV make select the Blustream PWR driver
11. Make bindings to relay bindings
12. Refresh Navigator

Usage

- The driver can be utilised by either programming commands or by binding relay device drivers.
- The driver cannot perform a power cycle on a device. Therefore, if you program the driver to turn off an outlet and then turn it back on, it will only function correctly as long as the communication between the driver and the Blustream PWR device is not interrupted.

Important Notice

- If you are upgrading the firmware on the Blustream PWR device please disconnect the driver first as polling and control from the driver may cause issues with firmware upload.

FAQ

Why is this product so exciting?

- 3 Models supported. 4xIEC, 8xIEC and 8xVDC + 8xUSB outlet switching.
- The PWR8VDC model provides separate DC and USB outlet switching.
- The PWR8VDC model provides the ability to increase or decrease the voltage to adjust for voltage drop over long cable runs.

What hardware will this work on?

This driver is designed to work on the following hardware

- [PWR4IEC](#)
- [PWR8IEC](#)
- [PWR8VDC](#)

Are there any considerations?

- If you are upgrading the firmware on the Blustream PWR device please disconnect the driver first as polling and control from the driver may cause issues with firmware upload.

Do you offer any other cool drivers?

Control4 is a major part of our business. We develop new drivers all the time. You can see all of our drivers on our website (<https://chowmain.software>). Sign up to our newsletter to get notified when new drivers are released.

I want to try this driver out before buying it?

- All Chowmain drivers for Control4 come with a 90 day trial.

Developer Information



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Information stated in this document is current as of January 2025 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
Australia / New Zealand / United Kingdom	Monday - Friday - See website for hours of operation	https://chowmain.software/for-integrators/technical-support

Phone Support

Region	Hours of Operation	Phone Number
Australia	Monday - Friday - See website for hours of operation	[+61 3 9028 6999](tel:+61 3 9028 6999)
United Kingdom	Monday - Friday - See website for hours of operation	[+44 29 2000 5551](tel:+44 29 2000 5551)
United States	Monday - Friday - See website for hours of operation	[+1 206 944 5444](tel:+1 206 944 5444)

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.

Change Log

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- Initial release