

# Bowers & Wilkins

by



## Bowers\_And\_Wilkins CDA\_1\_Zone Crestron Home Driver

### User Guide

#### Product Manual

[CDA Series Manual \(https://www.bowerswilkins.com/en-gb/\)](https://www.bowerswilkins.com/en-gb/)

#### Overview

Package name (pkg) : AVSwitch\_Bowers\_And\_Wilkins\_CDA\_1\_Zone\_IP.pkg

Version : 1.1.1

# Features

This driver provides the following functionality.

- Power
- Volume
- Mute

## Bowers\_And\_Wilkins Configuration

Prior to setting the driver up in Crestron Home ensure that the Bowers\_And\_Wilkins device is fully configured and works correctly. Please refer to documentation provided by Bowers\_And\_Wilkins to setup the unit (link at top of document).

If configuring a 2 zone device to be used as a single zone, ensure all channels on the device are configured for zone 1 and use the single zone driver. After installing the driver, if the number of zones is changed, the relevant driver according to the number of zones must be reinstalled.

If the device is in "Signal Sense" power mode, the driver is able to place the unit in standby mode when no zones are in use and bring it out of standby using Wake-on-LAN when a zone is switched on. In order for this to work correctly, the **Subnet Mask** and **MAC Address** properties must be configured on installation to match the device's settings. Note that this feature does not work if the device power mode is "Always On" or "12V Trigger".

Ensure that the single correct input for an output is available for selection per zone. This can be done using the Crestron Home Setup utility and following the below process:

- Select Build System
- Select Source Routes
- Select the room
- Click Available Sources
- Uncheck all sources except for the single source that is for this room/output.
- Repeat the above steps for all rooms with connections to the unit

## Support

If you require support for this driver please fill in a support request at <https://janustechnology.co.uk/support/>

Please ensure you provide the following information.

- Driver version you are using.
- Platform you are using e.g. Crestron Home
- Firmware version of your Bowers\_And\_Wilkins\_CDA\_1\_Zone.
- Firmware version of your Crestron system.
- A full description of the issue you are having and how to recreate the issue.

## Troubleshooting

- Confirm that correct IP address is entered into the IP address field
  - Confirm that correct Port is entered (if required).
  - Check the Bowers\_And\_Wilkins\_CDA\_1\_Zone can be pinged from the control system controller. If the ping fails check your network configuration and cabling.
  - For IP devices we recommend using a static IP address. Ensure this is done in either the device or router.
  - Ensure that no other devices are trying to connect to the Bowers\_And\_Wilkins device at the same time as the crestron processor. This is because the Bowers\_And\_Wilkins device can only handle one IP connection at a time.
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# Bowers\_And\_Wilkins CDA Crestron Driver

## Release Notes

## Changes

Driver Release Version: 1.1.1

**(02 Nov 2022)**

## Version

- Module: Bowers & Wilkins CDA
- Firmware: 0.0.2.1058
- Simpl Windows: 4.20
- MC4 FW: 2.8000.00010
- MC4-R FW: 2.8000.00008

## Enhancements

- N/A

## Bug Fixes

- Device Power State feedback

## Exceptions

- True power control is only available if the device is in "Signal Sense" power mode. Otherwise zone on/off is simulated using mute.
- Switching not supported

## User Impacted

- N/A
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Driver Release Version: 1.1.0

(2022-09-02)

## Version

- Module: Bowers & Wilkins CDA
- Firmware: 0.0.2.1058
- Simpl Windows: 4.20
- MC4 FW: 2.7000.00083
- MC4-R FW: 2.8000.00008

## Enhancements

- Improvements to mute handling
- Uses new power API to put device into standby if all zones off and Wake-on-LAN to wake

## **Bug Fixes**

- N/A

## **Exceptions**

- True power control is only available if the device is in "Signal Sense" power mode. Otherwise zone on/off is simulated using mute.
- Switching not supported

## **User Impacted**

- N/A
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Driver Release Version: 1.0.0

(2022-08-23)

## **Version**

- Module: Bowers & Wilkins CDA
- Firmware: 0.0.2.541
- Simpl Windows: 4.20
- MC4 FW: 2.7000.00083
- MC4-R FW: 2.8000.00008

## **Enhancements**

- Initial Release

## **Bug Fixes**

- N/A

## **Exceptions**

- Pre-release for internal use at Bowers & Wilkins only; not a public release.
- Power commands faked by sending mute
- Switching not supported

## **User Impacted**

- N/A
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