

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/>)

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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