

Broan-NuTone Overture Zone for Control4.

Driver Integration Guide

v105

Introduction

This driver has been designed to provide two-way control of Broan NuTone Overture Zone cloud.

There is support for the following features:

- Variables
- Events
- Relay Control

The Control4 processor must be running OS3.2 or later.

Driver Installation and Configuration

Copy the files from the zip package to your Control4 driver location (by default this is Documents\Control4\Drivers). Open Composer and choose the Search tab from the Items pane Search for Broan-NuTone.

There are two drivers required for this integration. Please follow the steps below for setup:

Step 1: Broan-NuTone Overture Cloud

This driver handles the Authorization, discovery of rooms, and communication to the cloud. Add the cloud driver to your C4 project and follow the steps below:

Authenticate

To communicate with the cloud the driver needs to authenticate. Please ensure you have your Broan-NuTone Overture Zone username and password ready and the devices and rooms are configured correctly on the Broan-NuTone Overture Zone application.

To Authenticate Broan-NuTone to the control4, Click the URL in the “Authorization Link” Property. This will display the login prompt. Sign in using your Broan NuTone Overture Zone user details.

Once successful return to the composer screen, the “Authorization Status” property should read “Authorized”. This can take up to two minutes to change once signed in, so please be patient.

Once Authorized, the “Select Home” Property list will be populated with the House on your Broan-NuTone cloud, select the House you wish to control.

Step 2: Broan-NuTone Overture Zone

Add an instance of this driver for each Room you require on your Broan System.

- Once added the “Room Selection” Property will be populated with all your available rooms in your home.

- Select the required room or alternative select whole House.
- The Driver will now generate variables, actions, and Connections for the Room selected.

Step 3

Displaying the Broan-NuTone Overture Zone information on your C4 touch panel follow the instructions below:

- Select the Room, where you’ve placed your “Broan-NuTone Overture Zone” in composer
- Select the “Navigator” Tab
- Select “Comfort” in the Experience Menus list
- Select “Modify...”
- In the “Hidden Devices:” select your “Broan-NuTone Overture Zone” for that Room and click Show
- Click OK
- Then Refresh your Navigators

Properties

Broan-NuTone Overture Zone Cloud

Property	Description
<i>Status</i>	
Driver Version	Displays the driver version in use.
Operational Mode	Displays the current connection status.
Authorization Status	The Authorization Status to the Broan

Configuration

Authorization Link	Click link to Authenticate
Select Home	Selecting the House for control4 to Control

Debug

Debug Mode	For support use only.
Debug Subsystems	For support use only.
Debug Level	For support use only.

Broan-NuTone Overture Zone

Property	Description
<i>Status</i>	
Driver Version	Displays the driver version in use.
Operational Mode	

| Displays the current connection status. | +-----+-----
 -----+ | *Configuration* | +-----+-----
 --+ | Whole House | (display room quality index on the C4 experience Icon | +-----
 +-----+ | Room Selection | Selecting Which Room to
 program | +-----+-----+ | *Debug* | +-----
 -----+ | Debug Mode | For support use
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 -----+

Actions

Broan-NuTone Overture Zone Cloud

Action	Description
Parse Project Details	Beta

Broan-NuTone Overture Zone

Action	Description
Clear TouchScreen Cache	Beta
Rebuild Webview	Beta

Programming

Events

Broan-NuTone Overture Zone

Events	Description
C02_Color	triggers when C02 changes to a different color type
Humidity_Color	triggers when Humidity changes to a different color type
TVOC_Color	triggers when TVOC changes to a different color type

Variables

Broan-NuTone Overture Zone

The project make available C02, TV02, Temperature and Humidity for Programming in condition where available

Troubleshooting

If you encounter any issues with the driver, please contact us at <http://www.janustechology.co.uk/support>, and we will be happy to assist however needed.

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