Overture™ Zone/Cloud
Driver Integration Guide v109

Introduction

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

There is support for the following features:

- Variables
- Events
- Relay Control
- WebView Interface

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 Control4 project and follow the steps below:

Authenticate

For communication with the cloud, the driver needs to authenticate. Please ensure you have the Broan-NuTone Overture account username and password (used to create and sign into the Overture smartphone APP) ready and that the devices and rooms are set up and configured correctly in the Broan-NuTone Overture APP.

To Authenticate Broan-NuTone to the Control4 system, Click the URL in the "Authorization Link" Property. This will display the login prompt. Sign in using your Broan-NuTone Overture account username and password.

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

Once Authorized, the "Select Home" Property list will be populated with the Homes created in your Broan-NuTone Overture APP, then select the Home you wish to control.

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Step 2: Broan-NuTone Overture Zone

Add an instance of this driver for each Room you want to link to the Broan-NuTone Overture system. Using the same room configurations in both the Control4 system and the Overture system is recommended.

- Once the driver has been added, the "Room Selection" Property will be populated with all your available rooms in your home.
- Select the required room or, alternatively, select Whole Home.
- The Driver will now generate variables, and Connections for the Room selected.

Step 3

To display the Broan-NuTone Overture Zone information as a WebView on your Control4 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

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Properties

Broan-NuTone Overture Cloud

Property	Description
STATUS	
Driver Version	Displays the driver version in use.
Operational Mode	Displays the current connection status.
Authorization Status	The Authorization Status to the Broan Overture Cloud
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.

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Broan-NuTone Overture Zone

Property	Description
STATUS	
Driver Version	Displays the driver version in use.
Operational Mode	Displays the current connection status.
Authorization Status	The Authorization Status to the Broan
CONFIGURATION	
Whole House	Display room quality index on the Control4 experience Icon
Room Selection	Selecting Which Room to control
DEBUG	
Debug Mode	For support use only.
Debug Subsystems	For support use only.
Debug Level	For support use only.

Actions
Broan-NuTone Overture Cloud

Action	Description
Clear Authorization	Unregister this driver and clear the stored authorization
Parse Project Details	Refresh the project details and room names

Broan-NuTone Overture Zone

Action	Description
Clear Touchscreen Cache	Clear the WebView cache for touchscreens in the project
Rebuild WebView	Re-initialize the WebView in case the connection fails

Programming

Events
Broan-NuTone Overture Zone

Events	Description
CO2_Color	Triggers when CO2 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
PM25_Color	Triggers when PM2.5 changes to a different color type
Temperature_Color	Triggers when temperature changes to a different color type

Variables

Broan-NuTone Overture Zone

The project makes CO2, TVOC, PM2.5, Temperature, and Humidity available for Programming in conditions where usable.

Troubleshooting

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