

Niko Home Control - Pure Class Niko

In May 2017, Pure Class Motion Ltd commissioned Hall Electricians Limited to carry out a Niko Home Control installation at its Nottingham based showroom.

The car rental company, who specialise in wedding cars, business cars and sports and super cars were keen to install a bespoke lighting solution to ensure that their luxury cars were lit to perfection using white LED lights as well as colour-changing LED's.

The lighting solution needed to be customisable on location, with the ability to control all sets of lights (8 in total). The lights needed to be dimmable in order to create different scenes depending on the colour, client, size and type of vehicle on show.

As fully trained Niko Home Control installers and Niko UK Partners, Hall Electricians were confident that Niko's automation and total control capabilities would provide the perfect solution to Pure Class Motion.

The project began in July 2017 and with the support and help of a technical ceiling fitter, Hall Electricians came up with a high quality lighting design.



This meticulous design stage ensured that all lights were concealed in order to hide the colour changing LED ribbon lights that were chosen to create the bespoke lighting scenes.

The colour of the lighting needed to be just right, as did the lumen outputs, in order to create the right LUX levels at full brightness, right down to car level. Hall Electricians used Aurora's 'Enlite Downlights' as the main lighting products and used 'Integral Lighting's' colour changing LED ribbons to create the specialist colours. Hundreds of metres of cable were used by the installers, Hall's, to ensure the colour changing LED's performed evenly throughout the showroom.

Using Niko Home Control, Hall Electricians spent time determining how many Niko switches would be required to give maximum control and functionality to their client and through a period of testing, the solution was driven to provide an outstanding lighting installation that works consistently to produce beautiful lighting scenes. The ease of use and control capabilities of



Niko has exceeded both the installers and the client's expectations.

The project took just one month to complete and since the installation was finished Hall Electricians have returned to reprogram Niko Home Control to ensure the lighting scenes work to the client's exact specifications. However, the clients will continue to test out the system and try different light levels, colours and controls with the eventual aim of a single control button for each required scene. What's more, the client can control all lighting from their phone or tablet ensuring that wherever they are in the showroom, they can show off the Ferrari F12 or the California, just as they require!

Equipment used:

Aurora's Enlite Commercial LED Downlights.
Integral Lighting's colour changing LED Ribbon
Remote controls, Controllers, Drivers and lots of cable for the colour change lights.

Niko Control System consisting of:

A 32-module control panel.
7 Dimmed Circuits.
5 Switched Circuits.
1 x 12 Button Wall Control

Installer info: www.hallelectricians.co.uk

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Hall Electricians carry out all electrical work and data/audio projects as well as specialising in Niko Home Control, Home Audio and Bespoke Lighting Solutions. Hall Electricians work with homeowners and developers on new build projects, self build projects and barn conversions -- from design/drawing stage through to full rewires, part rewires, shops and commercial projects as well as car showrooms.