



Whole House Audio Video & Control Multi-room AV, Home cinema & Lighting control



Project location: Hampshire

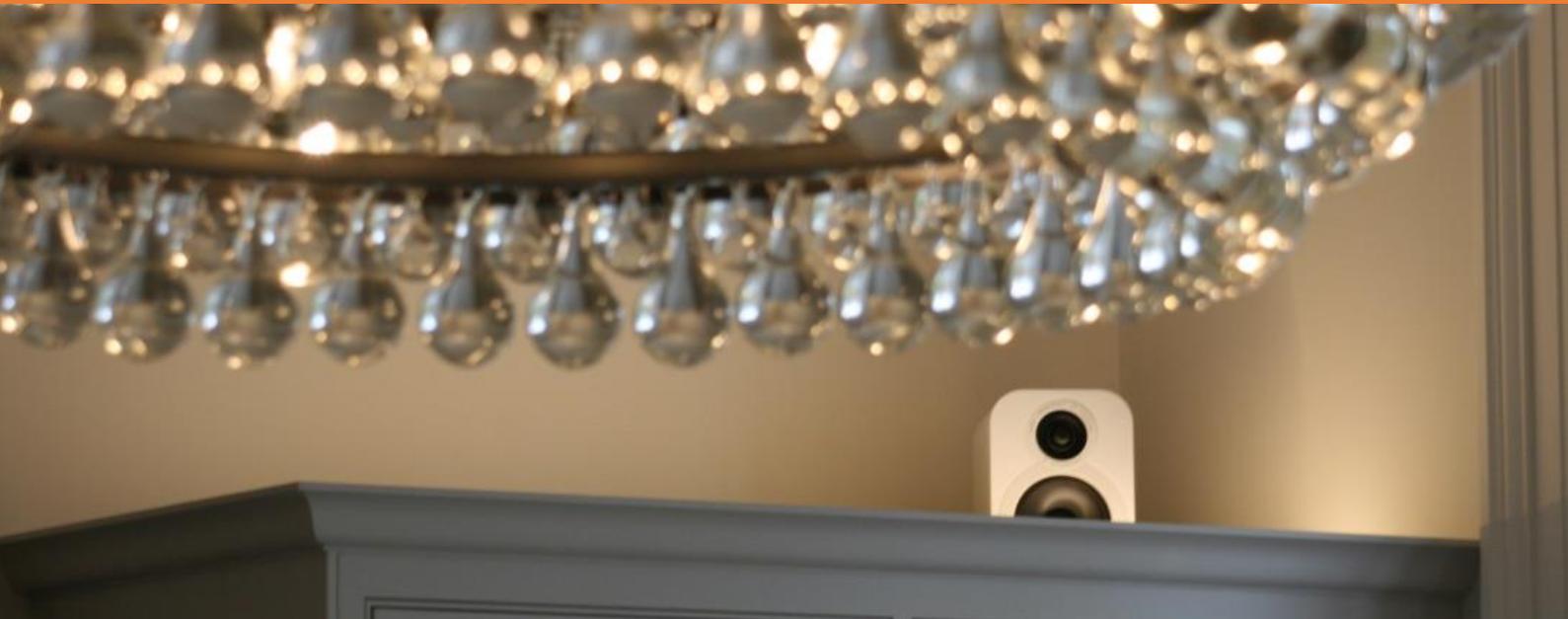
Client info: Homeowner

Project brief:

We were approached to design & install a smart lighting system in this Grade II listed building. As the project scope was discussed, it quickly became clear that clients were also interested in music & video distribution as well as additional smart home controls. This substantial property required systems to be ‘assistive’ as well as functional for a young family. One specific requirement was to be able to control *where* the doorbell could be heard depending on the time of day.

Solution Overview

A substantial lighting system was designed alongside a lighting & interior design company to cover all the main rooms of the home, both upstairs and downstairs. Music & 4K video distribution was also either installed, or pre-installed for future use, in all of these rooms. With the kitchen & the hallways being significantly renovated, we had the opportunity to fit on-wall controls without additional disruption. These controls doubled up as intercom for the gate which improved security and flexibility within the home.



The lowdown

The system was centralised in a purpose-built AV rack located in the basement. By locating this equipment away from the main house allowing the interior design to flow without interruption. All of the lighting dimmers were also located in the basement providing one access point for all future servicing needs.

Lighting control is achieved via 7-button on-wall Rako control pads which offer a range of lighting scenes, depending on the number of lighting circuits in the room. Lighting scenes have been programmed to work with the family so that lights work in pre-defined modes depending on occupancy or the time of day.

The kitchen, family room, drawing room, lounge and main bedroom all have music services so that the family can enjoy different music when they want. And when entertaining, the same music can be played across the whole house in 'party' mode.

Up to 4K video is distributed to the TV room, the playroom and to points in several other rooms. The house is also pre-wired ready for a cinema, office & games room to be installed in one of the outbuildings at a later date.

By adding a smart doorbell to the solution and programming it accordingly, we have provided the homeowners with the ability to hear the doorbell across their home during the day, to limit the sound once the children are in bed, and to turn it off altogether at night.

