



# GRANTLEY HALL

cleverassociation

Grantley Hall re-opened its doors in the summer of 2019 as one of the UK's most luxurious 5\* hotel and spa retreats, after undergoing extensive restoration and renovation works.

## Designing Bespoke Technology Solutions

Clever Association were first introduced to the client back in 2017, during the early design stages as Technology Consultants, to give expert advice and guidance on the technologies that would enhance the facilities.

The client wanted to create an unforgettable experience for guests during their stay, with no detail overlooked and entrusted Clever Association to enlighten them as to what is possible. In-depth talks with all concerned parties, including the construction team, architects, interior designers and mechanical and electrical consultants, allowing a brief regarding functionality and experience-enhancing technologies to be formed. The design team at Clever Association spent many months researching, testing and

demonstrating a variety of quality products.

With over sixteen years' experience in the design and installation of technology systems within the hospitality sector, Clever Association put forward a number of bespoke solutions that would drastically enhance the overall experience for guests while fitting with the Grantley Hall ethos.

## Audio

From the moment you arrive, Clever Association's technology solutions help to enhance the Grantley Hall experience. After making your way up the sweeping driveway, your route from the car park to the stunning hotel reception is lined with loudspeakers playing a customised music playlist. That background music continues throughout the communal areas of the hotel.

One of the first and largest solutions designed was this site wide audio system. Grantley Hall's Grade II\* listed status presented a challenge for Clever Association, as all technology had to be

discrete, often completely hidden from view. Not only because the ornate ceiling and wood panelled walls could not be touched, but also to ensure that room aesthetics were not compromised in any way. This wasn't a project for conventional speakers mounted in ceilings or on walls and required something rather special.

After demonstrating a variety of different loudspeaker models to the client's team, Clever Association proposed a K-array solution which was to be used for the vast majority of the communal spaces. At only ten centimetres tall and two centimetres wide, mountable to the listed timber via adhesive tape, the loudspeakers used are almost impossible to spot. Strategically placed throughout the traditionally decorated rooms, then coupled up with bass loudspeakers hidden in furniture, a rich musical tone could be created with no aesthetic impact. This solution was rolled out in the Norton Bar & Lounge, Fletcher's and Shaun Rankin restaurants too.



*Karray Speakers, Exterior Audio*



*Shaun Rankin Fine Dining Restaurant*



*Bar and Restaurant EightyEight*

Within Grantley Hall's more modern spaces, including bars, restaurants and function rooms, the audio systems really needed to pack a punch and with less restrictions from an aesthetic point of view, larger K-array systems could be used. These not only take care of the day-to-day background music demands but cater for live music events and DJ sets, with audio quality to rival some of the best nightspots in the world.

Working closely with architects, interior designers and on-site contractors, Clever Association worked carefully to ensure that sound is contained within the venues and ensuring that many of the larger speakers and subwoofers are out of sight, with bespoke cabinets and seating booths being used to great effect.



*Bowers and Wilkins Loudspeaker*

The tranquil spa and innovative Elite luxury gym and wellness centre combines cutting edge gym equipment, swimming pool, saunas, snow room, a cryotherapy chamber, altitude training facilities, underwater treadmill and 3D body scanners, creating a luxury environment for both total relaxation and the ultimate work out. All facilities include quality audio systems that can be altered by the team to play specific playlists during treatments or classes, creating the ideal atmosphere for guests. In key areas like the gyms and spin studio, a facility to connect a localised audio source gives instructors the opportunity to play their own content for each and every class.

Throughout the hotel and in key locations outside, input plates have been provided that allow personalised music to be played from a portable device, such as a smartphone or tablet. This versatility is great for large corporate events or weddings, where guests might require a bespoke playlist.



*Discreet Elite Gym*



*Three Graces Spa Pool*



*Elite Gym Spin Studio Projection*

If the Yorkshire weather is kind during your stay, you'll be able to enjoy all the outside spaces with music fitting to your location. There are numerous courtyards, terraces and outdoor relaxation spaces, each with an audio system designed to blend into the surroundings, often hidden within the planting. K-array, JBL and Sonance loudspeakers were all selected as aesthetically appropriate, no stone was left unturned to ensure the best possible experience across the site.

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Grantley Hall's Grade II listed status presented us with a challenge in that the technology had to be not only discreet, but often completely out of sight, so as not to compromise the look and feel of a particular space. Audio was one of the bigger challenges for us due to the demand for high quality sound, without disturbing the building's listed original features including the ornate ceilings and stunning wood panelling.

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*Anthony Gallon, Clever Associations  
Technical Director*



*Sonance Speakers, Exterior Audio*



*Norton Courtyard*

## Lighting

Lighting can really transform the look and feel of a space, which is why it was so important for it to be right at Grantley Hall. A Lutron solution was installed to cover the entire site, including all buildings and the vast grounds too. With over one thousand, two hundred circuits of light over such an expansive space, ever changing throughout the day, it was vitally important to automate the lighting control so that perfect lighting scenes are recalled throughout the day. This ensures that everywhere is set up exactly right, looking exactly as it should, without any input from the team who can concentrate on looking after guests.

A comprehensive lighting solution such as this has the added benefit of massively reducing energy costs too. Each of the lighting scenes is designed to run those many lighting circuits at lower intensities, rolling back to lower levels as and when lights don't need to be as bright.

In the large events spaces and Valeria's cocktail bar there are more comprehensive lighting systems, with colour changing and moving disco lights. These are a great addition for setting subtle colour effects for specific events or for making the atmosphere a little livelier during live music or a DJ set.

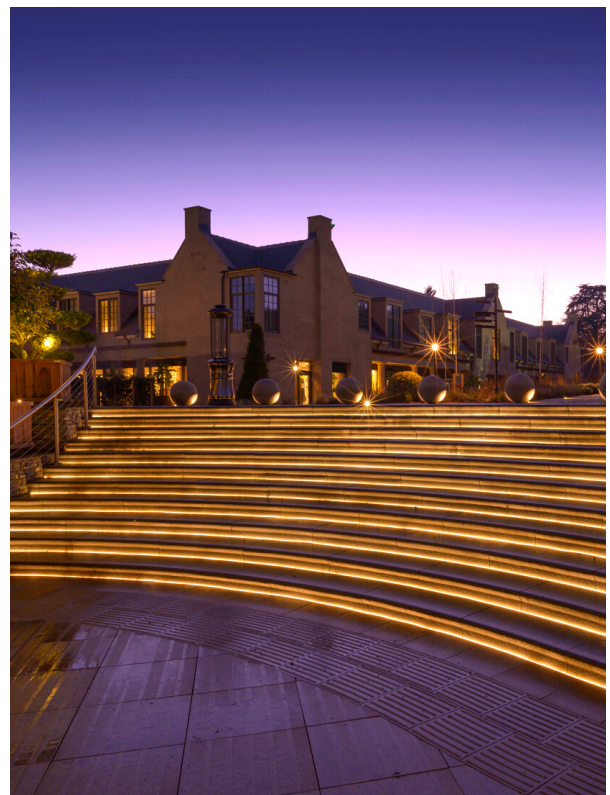


*Valeria's Champagne and Cocktail Bar*

Grantley Hall's thirty acres of stunning woodland, parkland and grounds, complete with its very own lake and English-Heritage listed Japanese garden also benefit from this level of automation. The Lutron lighting control system ensures walkways and outdoor spaces are perfectly lit on an evening, automatically coming to life as the sun sets and allowing guests to wander around the gardens and enjoy a drink as the sun sets.



*Grantley Suite, Events Space*



*Garden Pavilion Entrance*

To automate and control all technologies across the site, Clever Association designed a Crestron control system that allows the various entertainment, lighting and heating solutions to be automated or manually adjusted throughout the day, communicating with the sitewide BMS system. It is important that the entire venue looks and performs at its best at all times and this can be achieved with little to no input from the team. When hosting a wedding or other large event, automated lighting scenes can be overridden, setting up specific colours in the venues, to perfectly match the occasion.

Around the site, Clever Association installed a number of additional televisions and projection systems that can be used for presentations, conferences or to watch big sport events during a guests' stay.

## In-room Technology

Within the guest bedrooms, a Lutron myRoom system was designed and implemented which allows easy selection of lighting scenes and heating adjustments. We've all stayed at hotels with confusing banks of light switches, but at Grantley Hall, custom engraved buttons on attractive wall keypads take all that guess work away. Lutron myRoom gives guests total control over their own environment, yet each room talks back to a centralised management suite, the PMS, allowing the team to ensure that rooms look perfect when guests check in via a 'grand entry' scene. If lights or heating have been accidentally left on when guests vacate a room, those can also be rolled back to save energy, along with automated operation of the window treatments too. The myRoom Vue guestroom management suite provides a clear picture of current room state so that the hotel team can ensure that energy use is kept to a minimum, with no impact to guests.

Audio-visual entertainment technology was a big part of the early discussions

between Clever Association and the Grantley Hall team. It was important that the luxurious feel was consistent throughout the communal spaces and bedrooms too. To ensure the traditional room aesthetics weren't compromised by televisions and speakers, Clever Association designed a bespoke solution. A television and Creston soundbar were hidden behind a motorised 'rolling' piece of artwork on a Lutron mechanism, sealed within a gilt picture frame. At the touch of a button, on a Grantley Hall branded ProControl remote control, the artwork lifts. Guests can then watch Sky television via a Sky Bright Box commercial distribution system, choose from an array of radio stations, listen to Grantley Hall music playlists or 'cast' their own music to the system. Bowers & Wilkins loudspeakers were hidden within vanity units in the ensuite bathrooms, so that the chosen music could be enjoyed in there too.



*Bespoke Television and Motorised Artwork Solution*

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*Grantley Hall, Royal Suite*

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*Lutron Thermostat and Lighting Keypad*



*Procontrol Television Remote*



*Lifestyle Office, Crestron Touch Screen*

## Staff Accommodation

Accommodation is provided for those team members who stay on site and it was important that their own space felt like a home-from-home. Clever Association supplied and installed small televisions for each bedroom, with larger models used in the communal spaces where the team can socialise.

## Meeting Spaces

There are several meeting rooms and training spaces across the site which are used by the Grantley Hall team and their guests. These all include Kramer wireless presentation interfaces so that content can be 'cast' from smartphones, tablets and laptop computers to the in-room display. This makes it truly simple for guests to start a presentation. The on-site 'Academy' is a venue where new personnel are trained to the highest standards in hospitality, ready to take up their role at Grantley Hall. Presentation facilities are provided in this venue too, along with the ability for the system to be adaptable for many different styles of classroom or hands-on based training.



*Lifestyle Office, Meeting Space*

## Technology Maintenance and Support

To ensure all technology systems are performing to their maximum potential, it was important to ensure that support is always available, system monitoring and remote access technology was put in place allowing the Clever Association team to connect in as and when necessary. It also enables them to proactively monitor systems to prevent technical issues occurring in the future. In addition, steps have been put in place to support and maintain all systems physically too.

Clever Association have provided in-depth training to key members of the Grantley Hall IT and Maintenance teams, enabling them to react to any technology requirements during events and guest stays too.