



Specialist sound, light & video systems integrators

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Late night venues	Systems control & management	Relaxation & fitness	In-room entertainment

Case Study: Crystal Bar, The Dorchester Hotel

www.dorchesterhotel.com



Outline

The Crystal Bar carries through the Dorchester's themes of luxury, quality and high service standards to late night opening. Opening from the refined calm of the promenade, it offers relaxed drinks and discrete corporate or VIP entertainment. Following successful commissions, CGA Integration was chosen to provide an audio system reflecting the Dorchester signature values through high quality, attention to detail and intuitive operation.



Challenges

The Crystal Bar is a compact, opulent venue finished to a high degree of craftsmanship. The installation had to fit with the design brief, be invisible and yet provide a dynamic audio range and usage flexibility for many different occasions. Interfacing with the hotel fire alarm and procedures was also essential.



Function Brief

Consultation with the Dorchester identified an extremely varied scope for events and entertainment. Routine opening required background music, while anticipated demand for special events ranged from live sporting and news events, film and product launches, DJ nights, private parties and karaoke. Live duos or bands should be able to play on the house PA or their own PA and the bar offered several options for positioning to create a unique feel for all events.



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Video

Video distribution architecture has also been included to widen opportunities and entertainment. A feed from the hotel system supplies live TV, but potential to add custom video or entertainment via direct input was included.



Technical

CGA Integration used Peavey X frame processing and wall mounted X- controls to create three zones in the bar, including an optionally secluded VIP area, allowing flexibility, sound quality control and customisation. Inputs from DJ console, two radio microphones, live

band and customised music solution, create a mix of opportunities for normal operation or high profile unique occasions. Band & sound engineer positions can be varied around the bar. Even, balanced audio is delivered from a carefully specified mix of EV S40 wall speakers and Evid c4.2 ceiling speakers, warmed by Evid 10.1 bass bins and Martin Audio. Mid and HF audio is driven by Cloud multichannel amps with EV Q series on the bass.



Response

Vivid commented after the successful opening night for 200 people: 'Vivid Interiors have successfully worked with CGA on a number of prestigious projects and the Crystal Bar at the Dorchester Hotel was another clear example why we continue our working relationship with them. This project involved CGA taking a proactive role in the coordination of the sound and lighting system to ensure that the architectural scheme was not compromised. The results were fantastic and the client delighted.'



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Case Study: Ducasse at The Dorchester

www.alainducasse-dorchester.com



Outline

Returning for a fourth project at The Dorchester hotel, CGA Integration took on complete responsibility for providing audio to match standards in cuisine and service set by the Alain Ducasse and his team in the centrepiece restaurant development.



Challenges

As with many spectacular venues, high ceilings and differing finishes challenge audio designers to achieve intimacy, quality and even levels of crystal clear sound. These challenges are accentuated by the standards set by Alain Ducasse and the spotlight under which the Dorchester as a whole is viewed by global travellers and gourmets.



Technical

The distinct zones each required a custom response. Electrovoice speakers provided a solution for each spec, with the capability to match voicing across a range. The Park Lane room was catered for with C8.2HC high ceiling variants, while C8.2 speakers are concealed in lighting features in main room, cellar and private dining booths to give separate audio zones or a full range quality sound across the entire venue. Mediamatrix control offers wall plate selection of presets for the Crown CTS amp supply, fed by 8 track hard drive music for brand consistency.



Response

"CGA Integration can be recommended to provide great service, expertise and technical advice. Given a specific brief Chris and his team have provided a solution that is very discreet, overcoming physical challenges within the restaurant setting and provides the best of quality sound."

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Case Study: Saïd Business School

www.sbs.ox.ac.uk



Outline

Saïd Business School's Egrove Park site at the University of Oxford has improved in-room media services for participants on residential executive education programmes. In-room TVs have been upgraded to a modern integrated system which includes multiple language channels, bespoke venue information and participant laptop input to the screens.



Challenges

With some existing cabling infrastructure over the extensive campus the challenges varied from

bringing together diverse inputs to auditing system integrity. Conference scheduling also meant that rooms were often in use, adding another ball to juggle during project implementation.

Technical

The system combined six local input channels with satellite and digital TV feeds to give over 100 total channels. These feeds were collated using a Televes modular system and distributed by Televes Avant head end. In room, the sets are Samsung 26" LCD, offering low power consumption and additional inputs for local laptop connection.



Response

Steve Harvey, Egrove Park's IT Manager; "Chris and his team were able to work within some extremely tough time and scheduling constraints that meant that the system was installed in a way that provided minimum disruption to our clients. The resulting installation is neat and efficient - exactly what we asked for."



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------------	-------------------	----------	-------------	------------------------	---------------------------	-----------

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Case Study: The Vineyard

www.the-vineyard.co.uk



Outline

Combining delectable cuisine, fine art and rare wines in an impeccable setting, the Vineyard offers connoisseurs of decadence and gastronomy an immersive environment to savour the stimulation provided by executive chef John Campbells dining, the Michael art collection and the luxuriance of a 5 star hotel, earning 2 Michelin stars.



The contribution of lighting to this blend of sophistication and taste is not underestimated by the Vineyard. "Special attention has been

paid to the lighting, which has been designed to subtly enhance the natural daylight, while in the evening creating an intimate ambience"

Challenges

The emphasis on this project was to breathe new life into an already successful formula and extend the theme into new areas. Preserving the established ambience and vision while updating control hardware and enhancing existing features was crucial.



Technical

The final installation centres around flexibility offered by ROBE FIBRE BEAM fibre optic sources, tuned to optimise light output and achieve the quality and resonance required. An Artistic Licence DMX network provides consistent control, with wireless links accessing remote fittings with minimal architectural disruption. Timed settings move the mood through the day, while system headroom can deploy massive creative potential for dazzling VIP functions.



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Case Study: Tamarind, Mayfair

www.tamarindrestaurant.com



Outline

Tamarind, the Michelin starred Indian restaurant in the heart of Mayfair, continues to be instrumental in providing a classic combination of indisputable knowledge, unique experience and tradition that holds worldwide recognition. CGA Integration were chosen to augment this experience with a near invisible audio installation, extending Eastern ambience into audio quality, underpinning the restaurants core appeal.



Challenges

Tamarind's reputation is built on Eastern values of effortless quality and calm, setting a standard for CGA to achieve with audio quality, sympathetic installation and attention to finish detail. Overnight project completion suited the smooth CGA Integration site procedures and in depth product familiarity.

Technical

Precise audio delivery is achieved using a near invisible installation of EV ceiling speakers fed from a hard drive music solution. Audio quality is maximised by Cloud amps, ensuring that all tables receive exactly the same boost to their dining ambience. Simple controls keep the final volume settings in the hands of the staff that define Tamarinds appeal and service standards.



Comment

The first viewing by manager, Jespal Soor, gave the project top marks for discrete installation and finish. 'I was astonished at the zero disruption of the installation itself and deeply impressed by the audio quality throughout the restaurant. Our cuisine and service standards have been complemented by an excellent system'.



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Case Study: Cinnamon Club, Westminster

www.cinnamonclub.com



Outline

As technical partners, CGA Integration transformed Mueller Kneer's groundbreaking vision for a 9m sq basement room into an award winning video installation. The centrepiece is a stunning rear projection glass wall spanning the club, creating an eye watering multifunction wall for visual display and has led to further projects with Mueller Kneer designers.



Challenges

The space available posed huge challenges for choice of projection technology and video processing, while the short throw available reduced options further. Finally, precise and accurate projector alignment was needed to achieve seamless image stitching. CGA Integration also supplied a sound system and DJ console for the project.

Technical

A PC TV card, Sky digibox, internal DVD player and breakout sockets for composite video or laptop input, provide a variety of sources. The chosen source is fed to a dedicated video processor offering control of a wide range of format options for the image supplied to three matched calibrated SANYO wide angle LCD projectors. The combined image is projected onto a custom glass screen doubling as back wall of the bar.

Response

The Cinnamon club bar was awarded the 'best use of technology', London, by Theme magazine in 2002.



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Case Study: Café Neo, Whetstone

www.neobar.co.uk



Outline

In June 2005 Café Neo undertook a dramatic total refit to create a modern dining and late night venue. CGA Integration were approached by management at the restaurant live exhibition, with the brief to provide flexible ambient lighting to create eye catching effects in a small venue. The lighting had to create moods to suit clientele through the day and into the night, with the creative headroom for small functions.



Challenges

Making the budget work hard and imaginatively was a key part of this project. Minimising downtime and slick installation were also crucial factors.

Technical.

To create the widest range of moods in the stylish venue, various LED fixtures were specified. Externally, Xilver Sparkles created an eye catching feature. Internally walls were washed by MR16 Raindrop LED's, and rooms by their wide angle version. Dimmable fluorescents hidden in a ceiling baffle accentuated design features. Control of the entire suite with a Qcommander replica enabled a dramatic spread of effect programmes to suit all clientele and events.



Response

'I now have the image I need to create a venue for all types of dining and entertainment. We are a sandwich bar by day and host intimate dinners or live DJs by night, with different moods for each', commented Joysen, Cafe Neo Owner/Manager.



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Case Study: Pennyhill Park, Bagshot

www.pennyhillpark.co.uk



Outline

Chefs tables have enjoyed a recent renaissance as the ultimate in VIP dining. Pennyhill park sited their new development in the heart of their famous kitchens, for maximum proximity to the chefs. To enhance the standards of food and service, they required innovative mood lighting, audio and customised entertainment for this exclusive dining opportunity.



Challenges

With space at a premium and the Italian designer décor not to be compromised by the intrusion of fittings or speakers, this project called for innovative solutions.



Response

"Situated in the heart of the main kitchen at Pennyhill Park, we wanted the Henri Giraud Chef's Table to be a truly unique, premier dining experience. So many factors have to be considered to create just that however, one key aspect was the lighting and visual effects that Chris Gunton and his team designed and implemented. The result is simply stunning", commented Julian H Tomlin, General Manager, Pennyhill Park Hotel & The Spa.



Technical

Plastered in speakers maintain the unblemished ceiling, while LED mood lighting was designed into the feature cast glass table, Italian chandelier and champagne wall niches creating a flexible ambience to suit celebration or corporate entertainment. Camouflaged laptop inputs feed an LCD screen, which is interfaced to TV or hotel channels. Control is via custom wall plate and touch screen, linked to electrically opaque Privalite windows giving full control of audio, lights, window and vision, for a range of stunning dining environments.



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