



TRINITY



CAPE TOWN, SOUTH AFRICA
EUROPE/MIDDLE EAST/AFRICA

When Trinity's owners looked at launching a new nightclub in Cape Town, they did it with one eye on America and the other on Europe. Their objective was to give Cape Town a venue that surpassed any other in the city, but not only that, they wanted to give Africa something it had never had before. "The aim was all encompassing," revealed Jonathan Inggs, Trinity's Marketing Manager. "To provide a premiere clubbing experience and, moreover, a custom venue where corporate companies can have conferences, product launches and goodwill functions, alike."

Such aims require a flexible technical installation, which comes from capable equipment. It also comes from expert advice. In every case,

Trinity is covered.

The installation was split between three companies, with each handling a different kind of entertainment technology. Metropolis Sound & Lighting specified and installed the audio, DWR the lighting and Avicom took care of the visual features.

The venue's multi-level configuration offers distinct changes in mood and tempo, with the décor and finishes emphasising these changes. Trinity Café, Trinity Grill and Trinity East offer different dining experiences. Salon Prive is an exclusive, members club and Trinity Garden brings elegant outdoor surroundings to the rooftop.

Funktion One speakers feature throughout, but like the rest of the technological elements, the highest concentration of equipment is found in Funktion Room - no prizes for where the name came from. A central water feature, motorised projection screen, stage and authentic Indian temple doors create a unique offering that is both



Photos by Anton Crone

TRINITY HAS POSITIONED ITSELF, BOTH TECHNICALLY AND DIRECTIONALLY, TO COMPETE ON AN NATIONAL, CONTINENTAL AND INTERNATIONAL LEVEL. IT IS MULTI-FUNCTIONAL AND PACKED WITH SOUND, LIGHTING AND PROJECTION ELEMENTS THAT WILL GET YOUR SENSES LIBERATED.

aesthetically pleasing and absorbing at the same time. A mezzanine level overlooking the main area allows for a respite from the action on the dancefloor and main stage with plush seating and tables making for a relaxed environment.

Eight Funktion One Resolution 4E-C speakers have been flown on the left and right hand sides of the room. Each one offers wide dispersion and a 3-way, mid-high frequency range. It has been designed as part of a 4-way system, requiring the addition of a bass enclosure. In this instance, four Funktion One F221's - with their infamous dual 21-inch bass potency - have been integrated into the set-up. Two Funktion One F88 speakers have been added for centre-fill.

Trinity's AV Technician, Bradley Bruchhausen, described the Funktion One-effect: "Trinity is kitted through-out with Funktion One sound, with the layout designed by Tony Andrews himself. Every foot of the venue is coated with a warm, transparent sound that is unmistakably

Funktion One. It switches seamlessly between DJ and bands, lunches to club night, leaving diners and clubbers alike foot tapping to every beat."

A DiGiCo SD9 fulfils FOH mixing duties in Funktion Room. The SD9 is a complete, integrated system powered by Stealth Digital Processing, which includes the mixing surface, a D-Rack digital stage interface and CAT5E digital multicore, with the additional ability to simultaneously record 56 channels direct to your favourite multi-track software or DAW.

Two Pioneer CDJ-2000 decks and a Pioneer DJM-800 DJ mixer facilitate a varied entertainment programme. Jonathan revealed: "We host at least two international DJs a month and we surely can boast that we are one of the top venues in southern Africa, if not Africa. We have had Armin van Buuren, Tommy de Clerc, Sebastien Leger, Judge Jules, Edu Emberton, Heist, James Zabiela... the list goes ►

on. Naturally, with our Funktion One system, this is the venue that DJs prefer to play."

Lighting fixtures - supplied by DWR like the rest of the lighting infrastructure - in the room are controlled using an Avolites Tiger Touch. Described as 'a hybrid of powerful Diamond 4 functionality coupled with the friendly Pearl interface', the console provides user friendly functionality and high profile venue performance. Dimming is handled by a Philips Strand Lighting wall rack.

The fixtures supplied by DWR include 12 Robe 575XT Scanners, six Robe Robin 300E Spots and a Robe Dominator XT1200. With the XT1200, the rotation-speed of the barrel mirrors is fully controllable. It has a three-facet prism effect, six different gobos and three different dichroic colour filters. It offers a multitude of lighting effects. A total of 12 Robe LEDforce 18 RGBW fixtures and 54 Robe LEDforce 7 RGBW fixtures supply colour washes to the surrounding environment. Four 400W UV cannons complete the room's lighting line-up.

Discussing the lighting equipment, Bradley explained: "DWR's Nick Britz did the original layout, however, Gideon Naude and myself have moved the entire rig during the course of last year and are constantly repositioning fixtures to keep the venue fresh or for whatever the client's needs may be.

"Everyone has their personal favourites, but yes we were very happy



when we found out that Robe and Avolites would be in our arsenal of LX. We love the colour of the Robe fixtures, the combination of Robe 575 scanners and Robe Robin 300E moving heads peppered with LEDforce 18 and 7 cans works well for us making the palette that is Trinity a pleasure to paint every night. These fixtures have been pushed through some high heat and moist, smoky conditions and hardly give us any issues.

"The Avolites Tiger Touch is the backbone of our shows. With the big touch screen it makes selecting colours and gobos quicker than ever. Setting up workspace palettes makes multi-user use a joy. And wireless control via an iPad or browser enabled phone makes testing a dream."

A framework of Prolyte trussing provides hanging points for the fixtures. There are three Prolyte H30V trusses running across vertically and three of the same trusses running across horizontally overhead,



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in a grid format, installed above the dancefloor and stage, which can be utilised for additional lighting and/or other equipment. There are three beams at ceiling height (approx. 3.8 metres) running along the width of the venue that can be utilised for any additional rigging required with a maximum weight load of two tonnes per beam and 500kg per point.

Trinity is a multi-purpose venue, which means a high energy club night can be followed by a corporate gathering the next day. The entertainment technology has been prescribed with that in mind, including the video elements. Motorised projection screens have been installed by Avicom, along with Hitachi CP-X 1000 and Cp-X 5021 projectors. Four Samsung LCD screens can be found in Funktion Room.

Explaining this technology, Bradley said: "The projection elements are used for entertainment and presentations. We have ArKaos Media Master Pro, which we use for VJ purposes when we don't have an external VJ on the screens at night. During the day PowerPoint presentations on the five metres by four metres projection screen will not be missed."

Elsewhere in the venue, the same combination of manufacturers can be found.


A complete Audix microphone kit has been supplied by Metropolis Sound & Lighting, along with K&M microphone stands and Radial DI boxes.

All amplification is via Full Fat Audio amplifiers. Three FFA 4004's, six FFA 6004's, three FFA 8000's and a FFA10000 are used to drive the complete system.

All processing is through BSS Audio Soundweb London BLU processors, which are networked and controlled using a tablet PC, allow- ►





ing for wireless control of the system from anywhere within the club. An amp room overlooking Funktion Room houses the three 42U amp racks. Each rack is powered by a 32A three-phase Metrobox Rack distribution module, which also accepts a feed from the rack mount UPS and protects and distributes it to all processing and control gear in the racks. Metrobox patch points around the venue allow signals to be input and extracted throughout the venue. Connection points for monitor input and output are also included on the patch points. Reflecting on the installation, Bradley picked out a personal highlight: "It was a great honour to meet Mr Tony Andrews himself at the beginning of this year. He imparted knowledge to us that is invaluable in our industry and has such a zest for life that is unparalleled." 

TECHNICAL INFORMATION

FUNKTION ROOM

SOUND: 8 x Funktion One Resoulution 4E-C speaker; 4 x Funktion One F221 bass enclosure; 2 x Funktion One F88 speaker; 1 x DiGiCo SD9 FOH console; 2 x Pioneer CDJ-2000 CD deck; 1 x DJM-800 DJ mixer

LIGHTING: 1 x Avolites Tiger Touch console; 1 x Philips Strand wall rack; 1 x Robe Dominator XT1200 fixture; 12 x Robe 575XT Scanner; 6 x Robe Robin 300E Spot; 12 x Robe LEDforce 18 RGBW wash; 34 x Robe LEDforce 7 RGBW wash; 4 x 400W UV cannon

OTHER

SOUND: 4 x Funktion One Resolution 1 speaker; 20 x Funktion One F88 speaker; 10 x Funktion One F55 speaker; 8 x Funktion One MB212 bass enclosure; 8 x Funktion One RM15 monitor speaker; 1 x Soundcraft EFX12 console; 4 x Pioneer CDJ-900 CD deck; 2 x DJM-800 DJ mixer; 6 x Audix OM3 mic; 6 x Audix i5 instrument mic; 1 x Audix drum mic set; 1 x Audix 212 Podium condensor mic; 1 x Audix 218 Podium condensor mic; 2 x Audix OM3 mic; 6 x Radial PRO passive DI; 2 x Radial PRO48 active DI; 3 x Full Fat Audio FFA-4004 amp; 6 x Full Fat Audio FFA-6004 amp; 3 x Full Fat Audio FFA-8000 amp; 1 x Full Fat Audio FFA-10000

LIGHTING: 1 x Avolites Pearl Tiger console; 1 x Robe Dominator XT1200 fixture; 6 x Robe 575XT Scanner; 6 x Robe LEDforce 18 RGBW wash; 7 x Robe LEDforce 7 RGBW wash

TRUSSING: Prolite H30V trussing used in Funktion Room and The Cube

VIDEO: 1 x Hitachi CP-X 10000 data video projector; 1 x Hitachi CP-X 5021 data video projector; 2 x motorised projection screen; 4 x Samsung LCD screen

www.trinitycapetown.co.za

FRANÇAIS

Lorsque les propriétaires du Trinity ont envisagé l'ouverture d'un nouveau club au cap, ils l'ont fait en regardant du côté de l'Amérique comme de celui de l'Europe. Leur objectif était d'installer au Cap un lieu qui surpasserait tous ses concurrents dans la ville mais qui, au-delà de ça, serait pour l'Afrique toute entière unique. L'installation a été partagée entre trois entreprises qui ont chacune été en charge d'un type spécifique de technologie de divertissement. Metropolis Sound & Lighting a été en charge de l'audio, DWR des lumières et Avicom des fonctions visuelles. L'équipement choisi comprend : des enceintes Funktion One, des amplis Full Fat Audio, des consoles DiGiCo et Soundcraft, des microphones Audix et un équipement Pioneer DJ. Pour l'éclairage, l'équipement comprend : installations Robe, consoles Avolites et rails Prolite. La vidéo a été rendue possible par des projecteurs Hitachi ; des écrans LCD Samsung et Arkaos Media Master Pro. Réfletant l'installation, le technicien AV de Trinity, Bradley Bruchhausen, a expliqué : « Ce fut un grand honneur de rencontrer M. Tony Andrews en personne au début de cette année. Il représente une connaissance qui est importante pour chacun d'entre nous dans le secteur et son goût pour la vie est inégalable. »

DEUTSCH

Als die Besitzer des Trinity versuchten, einen neuen Nachtclub in Cape Town zu schaffen, war ein Auge auf Amerika und das andere auf Europa gerichtet. Ihr Ziel war es, Cape Town einen Treff zu geben, der alle anderen dieser Stadt übertrifft, doch nicht nur das, sie wollten etwas für Afrika, was es bisher noch niemals gegeben hat. Die Installation wurde zwischen drei Unternehmen aufgeteilt, die jeweils eine andere Art von Entertainment-Technologie abdecken. Metropolis Sound & Lighting spezialisierte und installierte den Bereich Audio, DWR die Beleuchtung und Avicom übernahm die visuellen Merkmale. Die ausgewählte Ausrüstung umfasst: Funktion One Lautsprecher, Full Fat Audio-Verstärker, DiGiCo und Soundcraft Konsolen, Audix Mikrofone und Pioneer DJ-Ausrüstung. Für die Beleuchtung umfasst die Ausrüstung: Robe Befestigungen, Avolites Konsolen und Prolite Träger. Videovorrichtungen wurden ermöglicht durch Hitachi Projektoren, Samsung LCD Bildschirmen und Arkaos Media Master Pro. In Bezug auf die Installation erklärte Bradley Bruchhausen, Av-Techniker von Trinity: „Es war eine große Ehre, Herrn Tony Andrews persönlich Anfang des Jahres zu treffen. Er vermittelte uns Wissen, das in unserer Industrie von unschätzbbarer Bedeutung ist und hat eine einmalige Lebensfreude.“

ITALIANO

Quando i proprietari del Trinity hanno pensato al lancio di un nuovo locale notturno a Città del Capo, lo hanno fatto con un occhio sull'America e l'altro sull'Europa. Il loro obiettivo era quello di creare un locale a Città del Capo assolutamente unico, ma anche dare all'Africa qualcosa che non aveva mai avuto prima di allora. L'installazione è stata seguita da tre aziende diverse, dove ognuna ha lavorato a un diverso tipo di tecnologia per l'intrattenimento. Metropolis Sound & Lighting si è occupata dell'installazione audio, DWR dell'impianto di illuminazione e Avicom degli effetti visivi. Tra l'attrezzatura scelta c'erano gli impianti Robe, le consolle Avolites e le strutture di rinforzo Prolite, mentre per l'impianto video sono stati installati proiettori Hitachi, schermi LCD Samsung e Arkaos Media Master Pro. A proposito dell'installazione, Bradley Bruchhausen, tecnico AV di Trinity, ha detto: "E' stato un grande onore per me incontrare di persona il sig. Tony Andrews all'inizio dell'anno. Ci ha insegnato tante cose di inestimabile valore nel nostro settore e ha una gioia di vivere ineguagliabile".

ESPAÑOL

Quando los propietarios de Trinity quisieron lanzar una nueva discoteca en Ciudad del Cabo, lo hicieron con un ojo en América y otro en Europa. Su objetivo era brindarle a Ciudad del Cabo un sitio que superara a cualquier otro en la ciudad. Pero no solo eso. Querían darle a África algo que nunca había tenido antes. La instalación se dividió entre tres compañías, cada una manejando un tipo de tecnología de entretenimiento diferente. Metropolis Sound & Lighting especificaron e instalaron el audio, DWR la iluminación y Avicom se encargó de las características visuales. El equipamiento elegido incluye: Bafes Funktion One, amplificadores Full Fat Audio y consolas DiGiCo y Soundcraft, micrófonos Audix y equipos Pioneer DJ. En cuanto a la iluminación, el equipamiento incluye: Artefactos Robe, consolas Avolites y estructuras metálicas Prolite. Las instalaciones de video fueron posibles con proyectores Hitachi, pantallas LCD Samsung y Arkaos Media Master Pro. Reflexionando acerca de la instalación, el técnico de AV de Trinity, Bradley Bruchhausen dijo: "Fue un gran honor conocer al Sr. Tony Andrews a comienzos de este año. Nos ha impartido conocimiento, algo que es invaluable en nuestra industria y tiene tal entusiasmo para la vida que no tiene precedentes."