

mendo

ANDY FARROW

Celestion's Global Sales Director discusses his unique role in the company's history.

THEATRES & CONCERT HALLS

The latest projects from auditoriums across the globe.

LASERS & SFX

A round-up of lasers and special effects for a range of installations.



26

ANDY FARROW

Celestion's Global Sales Director
chatted to mondo'dr about
his eventful career with the
company.



84

MANALI LODGE

NG Pro Audio
have equipped
the French Alps'
latest luxury
lodge with an
all new Danley
sound system.

120

ALIEN•C

China's superclub
has recently been
gifted a powerful
PK Sound audio
system to fully
enhance its
production.



134

ISE

Highlights from
the show floor in
Amsterdam.

CONTENTS

14 IN DISCUSSION

18 INSIDE VIEW

IN DEPTH

26 INTERVIEW
Andy Farrow - Celestion

38 REPORT
Theatres & Concert Halls

IN FOCUS

76 SKALAR
Amsterdam

78 FAIRFIELD HALLS
London

84 MANALI LODGE
Courchevel

92 SKY2.0
Dubai

100 SANTA CRUZ BEACH BOARDWALK
Santa Cruz

102 AVALON THEATRE
Maryland

108 FIRST BAPTIST CHURCH
California

114 NINE TREES ART CENTER
Shanghai

116 ORIENTAL PEARL TOWER
Shanghai

120 ALIEN•C
Yinchuan

IN BUSINESS

126 SHOW PREVIEW: PROLIGHT & SOUND
Frankfurt

128 NAMM
California

134 ISE
Amsterdam

152 COMPANY VISIT
Powersoft

156 ANNIVERSARY
Sonodyne

158 IN DETAIL
CLF Lighting, Korg, NEXO

164 PRODUCT GUIDE
Lasers & SFX

174 PRODUCT DIRECTORY

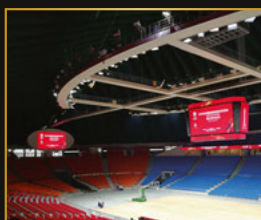
178 LAST PAGE INTERVIEW
Anna Roberts - Tripleplay



THE SHORTLISTS



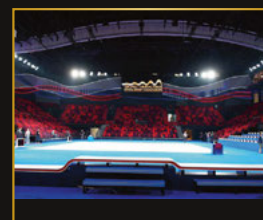
COCA COLA ARENA -
HARMAN



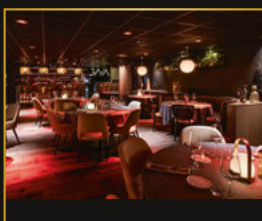
GUANGZHOU
GYMNASIUM



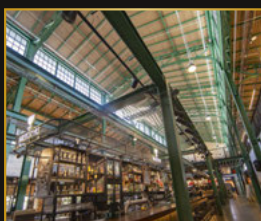
KIVIKYLAN ARENA



RHYTHMIC GYMNASTICS
CENTRE



GAÏA



HALA KOSZYKI



IMPERIAL



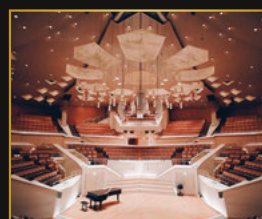
THE LOCK TAVERN AND
THE GUN



CHINA NATIONAL CENTER
FOR THE PERFORMING ARTS



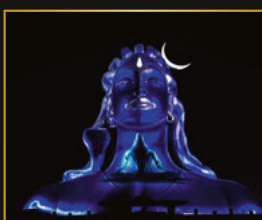
G LIVELAB



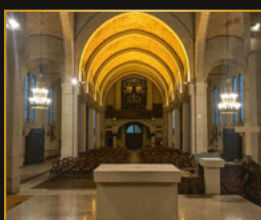
PHILHARMONIE BERLIN



ROYAL OPERA HOUSE



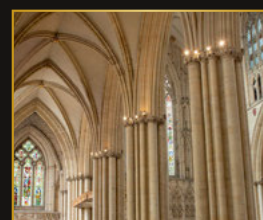
ADIYOGI DIVYA DARSHANAM,
ISHA YOGA CENTRE



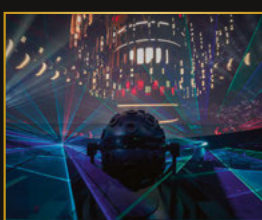
EGLISE SAINT-DENIS-
SAINTE-FOY



ST. JOSEPH'S COLLEGE
CHAPEL



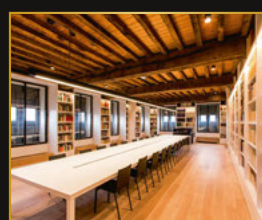
YORK MINSTER



EXPERIMENTA SCIENCE
DOME



HRIBAR HALL



INTERACTIVE SOUND LAB



PARADISE CITY

SPONSORS





• Page 76



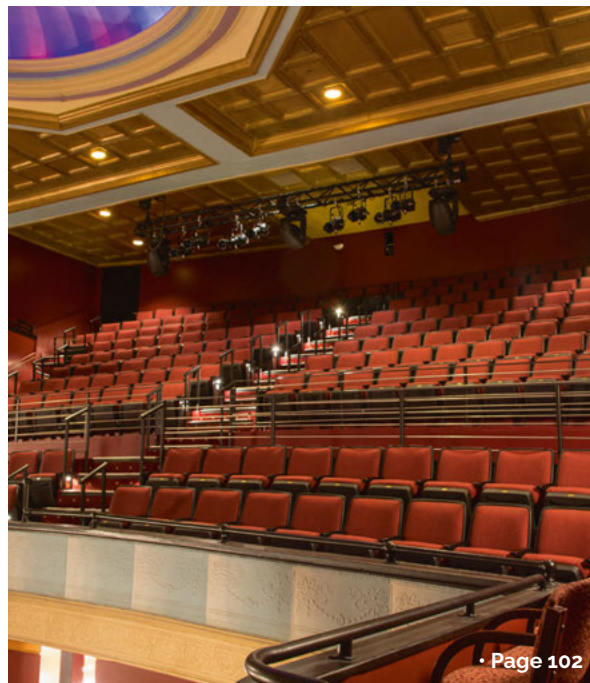
• Page 78



• Page 84



• Page 92



• Page 102



• Page 120

IN FOCUS

EMEA

SKALAR
AMSTERDAM

FAIRFIELD HALLS
LONDON

MANALI LODGE
COURCHEVEL

SKY2.0
DUBAI

THE AMERICAS

SANTA CRUZ BEACH

BOARDWALK
SANTA CRUZ

AVALON THEATRE
MARYLAND

FIRST BAPTIST CHURCH
CALIFORNIA

APAC

NINE TREES ART CENTER
SHANGHAI

ORIENTAL PEARL TOWER
SHANGHAI

ALIEN•C
YINCHUAN



MANALI LODGE



COURCHEVEL, FRANCE
EMEA

The idyllic French Alps, dusted with the dream-like chill of a childhood snow globe, is one of the most sought-after holiday destinations for budding skiers worldwide. Home to the largest mountain chain in Europe, thousands flock to the destination each year in search of spirituality and serene relaxation. A zen retreat is not complete without a cosy place to stay, and Alpine Residences, located in the very heart of the mountains, are specialists in luxury holiday rentals. With its new hotel residence, Manali Lodge, located in the Courchevel region of the Alps, and surrounded by poster friendly panoramic views, it provides the perfect place to unwind after a day of flying down the fluffy slopes with unique, high-end



• Above
The Chic
interior
of Bistrot
Manali

apartments and suites, as well as newly renovated restaurant 'Bistrot Manali' and bar/nightclub 'Gaïa', all installed by French-based NG Pro Audio.

The recent updates to Alpine Residences have offered another level of unrivalled hospitality, with both the lighting and audio systems undergoing a makeover. Spearheading the project was Gérald Mastromattéo of NG Pro Audio, who takes up the story: "The principal requirement at the beginning of the project was to create high-quality audio with minimum noise spillage and aesthetic impact. As well as this, we had to make sure that it fit the customer's budget and that the products we chose could withstand freezing temperatures and snow. The lighting also had to reflect the elegant aesthetic of the restaurant."

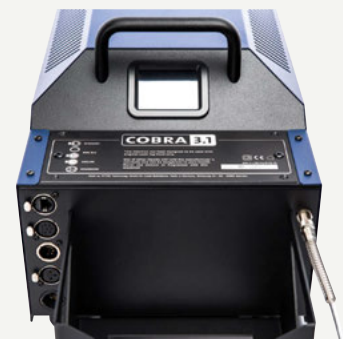
Exploring the first installation at the Bistrot Manali restaurant, Gérald explained that two 2.1 loudspeaker systems were built on each principal part of the eatery. "This system was made out of smaller ➤

Fog is our passion!

Cobra 3.1



- ▶ New, extremely silent nozzle
Noise at max. output: 82.5 dBA
- ▶ Constant fog output at any pump level due to the use of two pumps
- ▶ Control via Ethernet, DMX512, analogue (0-10V) or directly at the machine
- ▶ RDM-capable
- ▶ Touchscreen with simple navigation
- ▶ Finest adjustments of the output
- ▶ Adjustable pump characteristic: Impulse, Extended, Flood, Continuous
- ▶ Adjustable performance curve to balance different fog amounts
- ▶ Internal Timer
- ▶ Internal working hour meter
- ▶ 3100 W, 230V/50Hz



Look Solutions

Fog machines made in Germany

Buenteweg 33 · DE - 30989 Gehrden

Phone: +49 - (0)5108-91 22 10 · Fax: 91 22 111

www.looksolutions.com · info@looksolutions.com



loudspeakers with subwoofers placed under seats, we have a stand-out performance, ultra-compact system that is virtually invisible, but gives smooth, consistent sound all over the restaurant, with the ability to reach 95db, if desired. We also needed to supply the outdoor DJ area with a powerful system that transformed the venue into a pseudo-dancefloor after hours.”

After careful consideration, Danley Sound Labs were the main choice for Gérald and the team at NG Pro Audio. Inside the restaurant, 14 of Danley’s Nano loudspeakers were installed, along with two Nano subwoofers with an eight-inch boomer in bass-reflex. In the bathrooms, eight MD50 Artsound ceiling loudspeakers carry the audio. Outside in the DJ/dancefloor area NG Pro Audio provided two Danley SM60F loudspeakers, two Danley TH118 subwoofers, four Danley Nano Cube loudspeakers with a 6.1-inch coaxial driver, and eight Danley Nano loudspeakers, similar to the interior of the restaurant, but with the ability to hold a crowd outside from 10am until five o’clock in the evening.

“The amplifiers that we used are also by Danley, but built by Linea Research. They offer the best quality, reliability and power in a compact size. Danley provides pre-sets for its products, which are very useful for complex limiters. We also used NST Audio VMX88’s, which provided us with a no-compromise, powerful system. We also connected a VR1 remote control supply in POE by the VMX to control specific zone volume. In the bathrooms, Lab.gruppen Lucia series

amplifiers power the ceiling loudspeakers with a little help from DSP inside,” said Gérald. As the restaurant caters for a wide-range of events, including private dining and parties, the interior audio system was equipped with a tablet that uses Spotify in hi-fi mode for ease of use by bar staff. Outside Bistrot Manali, NG Pro Audio provided a Pioneer XDR-RX2 for the DJ booth and a Yamaha MG-12XU mixing desk for musicians and singers performing at the restaurant. “Installing a range of different mixing options was imperative as the restaurant offers such a diverse schedule. We had to make sure that DJs and musicians enjoyed playing at the venue with the set-up we installed,” Gérald explained. The lighting inside the venue was also updated to complement the golden glow of the interior. Going for a cosy but chic retro look, Gérald installed two RVE 500W LED dimmers, alongside four RVE 250W LED dimmers. Fully implementing the laid-back aesthetic, Segula AR11 Ambient Dimming light bulbs were installed, as well as Segula MR16’s. “All lighting is controlled by a Stick-KE2 that we have programmed with several different atmospheric settings, which can be changed depending on the event or time of day. Each dimmer is distributed for each type of light source and zone, so we can reach the perfect atmosphere whenever needed,” furthered Gérald.

Outside, the lighting had to achieve a different kind of vibe. NG Pro Audio designed colour lighting made up of Nicols RGBW projectors

on the VIP platform and under the sixth-floor balcony. “The idea was to give a smooth amber atmosphere with the ability to programme different colour settings and colour chasers chosen by the user,” explained Gérald. “Here, six Nicols IP Wash 100’s were installed, along with two Nicols IP Wash 600’s to transform the outdoor area into an altogether different place to dance.”

The Gaïa restaurant/nightclub, located in the Manali Lodge, offers holiday makers a different kind of retreat. This restaurant and nightclub opens its doors from seven in the evening until the roguish early hours, providing fine dining and one-of-a-kind club experiences deep within the snowy blanket of the French Alps. Before installing the newest system, Gérald explained the detailed design process: “We spent a lot of time with the customer, asking questions and making sure that we knew exactly what they wanted. Similar to the Bistrot Manali restaurant, the main requirements were high quality audio with minimum noise leakage as some of the bedrooms within the lodge are located only a couple of floors higher. We did a lot of location visits too, just so we were familiar with the venue.”

Again, Gérald and his team used Danley products to achieve the custom audio within the venue.

On the dancefloor, a 2.1 loudspeaker system consisting of four Danley Cube loudspeakers and a TH118 subwoofer were installed. “This works well because it’s a high-quality compact system that can reach full potential in a club





• Above
The Gaïa
restaurant/
nightclub
that is open
for after
hours fun

environment, without aggression on seats or disturbing the rooms above. The acoustic treatment and decoration gives a perfect club environment that the customer is extremely happy with,” said G  rald.

Outside, the smoking area of the venue is made up of four Danley Nano loudspeakers on a 2.1 system, again, powered by a Danley Nano subwoofer in the ceiling. Six Artsound MD50

ceiling loudspeakers are implemented in the bathrooms of the club, and just like Bistrot Manali, are amplified by Lab.gruppen’s Lucia Series with DSP, giving full sound in even the most inconspicuous places. The amplifiers in the restaurant and the smoking area are also Danley, built by Linea Research. “In terms of the mixing capabilities within the venue, the DJ works on a Pioneer XDR-RX2 desk and we provided

a Yamaha MG-12XU, alongside Shure Beta 58A and SM58 microphones, for musicians and singers performing inside the club,” explained G  rald.

The lighting had to stand-out to match the enigmatic interior of Ga  ia. The venue is presented in a candle lit manner, a perfect location for an on-screen adaptation of an archaic Bram Stoker novel. Aware of the devilish interior, NG Pro Audio equipped the venue

TECHNICAL INFORMATION

BISTROT MANALI

SOUND: 22 x Danley Nano loudspeaker; 2 x Danley Nano subwoofer; 8 x Artsound MD50 ceiling loudspeaker; 2 x Danley SM60F loudspeaker; 2 x Danley TH118 subwoofer; 4 x Danley Nano Cube loudspeaker; NST Audio VMX88; NST Audio VR1; Danley 10K8C + 3K8PRO + 10K4PRO amplifier; Pioneer XDR-RX2 mixing console; Yamaha MG-12XU mixing console

LIGHTING: 2 x RVE 500W LED dimmer; 4 x RVE 250W LED dimmer; 2 x Nichols IP WASH 600 & 6 x Nichols IP WASH 100 RGBW projectors, 1 x Nicolaudie Stick KE-2

GA  IA

SOUND: 4 x Danley Cube loudspeaker; 1 x Danley TH118 subwoofer; 14 Danley Nano loudspeaker; 1 x Danley Nano subwoofer; 8 x Artsound MD50 loudspeaker; Danley 3K8PRO + 10K4PRO amplifier; Lab.gruppen LUCIA amplifier; Pioneer XDR-RX2 mixing console; Yamaha MG-12XU mixing console; Shure Beta 58A microphone

LIGHTING: 9 x RVE 250W LED dimmer; 2 x Showtec Phantom 50 LED spotlight; 2 x Nichols IP WASH 100 RGBW projectors, 1 x Nicolaudie Stick KE-2

www.alpineresidences.fr



**TRUSSING YOU
CAN RELY ON**



MADE IN EU

* Bilock BQ2, Decolock DQ3, Decolock DQ4,
Trilock 6082, Quadlock 6082

alutruss

www.alutruss.de



with layered, soft lighting made up of Segula AR111 and MR16 Ambient Dimming light bulbs. Also installed are two Showtec Phantom 50 LED spots to give colourful movement on the dancefloor when the venue is transformed after hours. “All light is controlled by a Stick-KE2 that has been programmed with several atmosphere settings. Depending on the hour of the evening the DJ can control the lighting via a PC with Sunlite software. Dimmers are distributed for each type of light source and zone, giving a smooth general lighting look. RGB projectors and moving heads give movement and colour, dressing the venue in a range of uniquely Gaïa atmospheres,” Gérald said.

A large-scale project like this is not without some minor difficulties, and for Gérald and the team, time constraints meant the project was completed in a smaller time frame than what they would usually work towards. However, after implementing new technology across three separate areas in the venue, NG Pro Audio were pleased with the end results. “We’ve done a lot of work throughout the entire venue, and, even though at the beginning the quick turnaround and the amount of work required proved difficult, the customer is pleased with the end result and the feedback has already been very positive!” concluded Gérald. Taking the French Alps to new heights with state-of-the-art lighting and audio, Manali Lodge can now provide the next level of holiday hospitality with unique dining and dancing capabilities. Renowned mainly for winter sports, Courchevel is now providing adrenaline junkies with the perfect place to wind down after a day on the slopes, whether that be under the ambient tones of Bistrot Manali or the after-dark disco erupting in a quiet corner of the Alps. 