

ProAudioAsia

LIVE SOUND | RECORDING | INSTALLATION | A/V | BROADCAST | POSTPRODUCTION | March-April 2017

FAYE WONG IN CONCERT

NETWORKED JUSTICE

CREATING SALT HAUS STUDIOS

NAMM AND ISE REVIEWED



MOVING HOME

Inside TV Tokyo's new HQ

Singapore: MICA (P) 124/05/2016
PPS 1604/05/2013(022953)

PROBLEM?

PROBLEM SOLVED.

Delta Series: Delta 80 DSP Processing Power Amplifier
#powermeetsprocessing

$$\delta = mc^2$$

where m = **M** (processing) and c = **C** (power) and $\delta = ?$



prolight+sound
4-7 April 2017
Messe Frankfurt, DE **3.1 F03**

A Social Concept

SINGAPORE: Following the recent unveiling of Philippe Starck's interior designs at Singapore's South Beach, his distinctive style has now been applied to M Social Singapore on the Singapore River. The 293-room hotel is the latest addition to Millennium Hotels and Resorts' signature Leng's Collection. The 10-storey avant-garde laboratory blends art and A/V technology within the ground floor reception, bar and restaurant zones. From the moment that guests arrive to self-check at kiosks built on Spanish patterned tiles and back-lit veined alabaster flooring, the unique scene is enhanced by an audible BGM system provided by EV C8.2 ceiling speakers controlled from a Bosch PLM-WPC volume and source selector.



The distinctive signature of Philippe Starck's interior designs are in evidence at M Social Singapore

Powered by two EV PA2250T amplifiers with DSP provided by a Bosch Plena PLM8M8, the BGM is further enhanced with the addition of four EV C10.1 subwoofers to the 18 C8.2 8 inch models in the restaurant and bar known as Beast & Butterflies. Characterised by Starck-designed seating including marbled patterned armchairs, lava lamps and individually-designed chandeliers, the monotony of the elongated room is broken by a pool table between the restaurant and the bar. However, it is the highly imaginative video system installed by Concept Systems



28 Samsung 40-inch table-top screens have been inserted into the customised aluminium framed tables of the Beast & Butterflies

Technologies that captures the guests' attention. Those who have paid a visit to Laugh Bar within the South Beach complex will possibly experience de-ja-vu. Just as the Laugh Bar features innovative glass countertop screens equipped with streamed live TV, so does M Social. Here 28 Samsung 40-inch table-top screens have been inserted into the customised aluminium framed tables allowing diners to watch their sports, news or soap operas. A Crestron DM-MD 32x32 video matrix switcher accepts four Blu-ray feeds, all of which can be controlled via Wi-Fi from a 10-inch touchscreen courtesy of the installed Crestron CP3 processor.



The outdoor seating and ninth level pool areas are catered for by EV Evid 4.2T dual 4-inch weatherproof speakers

Lessons were learnt over the 12-month period between South Beach and M Social Singapore as Concept Systems Technologies GM Gerald Fong testifies. 'The South Beach installation was the first time we have created such a display and over time we noticed the screens were warmer than they should be.



A videowall combining 40 Samsung Galaxy Tab 4 10.1-inch displays captures the eye in the lounge

As such, we added a cooling fan to the bottom of the frame for every two screens, which has cooled them down sufficiently.' The cabling of this clean design has been sensitively routed through the floor to the underside of the table and up through the legs from the ELV room. The lounge integrates a videowall combining 40 Samsung Galaxy Tab 4 10.1-inch displays, all of which are individually powered by extension cables. Content is streamed wirelessly via a dedicated IP network to each display. Perhaps more challenging to the Concept team was the design blueprint to add individual

projection systems within the eight chandelier recesses. Eiki EK-401W 4,600 ANSI lumens video projectors have been inserted into the false ceiling to create 3D prism effects circling around the curved apertures after dark, these can be accessed



Eiki EK-401W video projectors have been installed into each of the eight chandelier recesses

for servicing and maintenance via a concealed hatch. The content for the projectors is stored in a laptop and output in HDMI via a Kramer VS88HD matrix switcher together with PT 571 signal transmitters and PT 572 receivers. The upstairs pool area and gym is furnished with discretely hidden EV Evid 4.2T dual 4-inch weatherproof and C8.2LP ceiling speakers, powered by PA 2250T and PA 1250T amplifiers. Just as on the ground floor, the DSP for these two zones is managed courtesy of a Bosch PLM-8M8 DSP matrix processor, with volume and source settings accessed from a PLM-WPC wall panel.

www.concept-systems.com.sg

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