

ProAVLAsia

LIVE SOUND | LIGHTING | RECORDING | INSTALLATION | AV | BROADCAST | POSTPRODUCTION | January–February 2020

NINE TREES

Constellation comes to China

MELBOURNE'S
COLLARTS

NETFLIX MEETS
DOLBY AND AVID

POWERSOFT'S SILVER
ANNIVERSARY

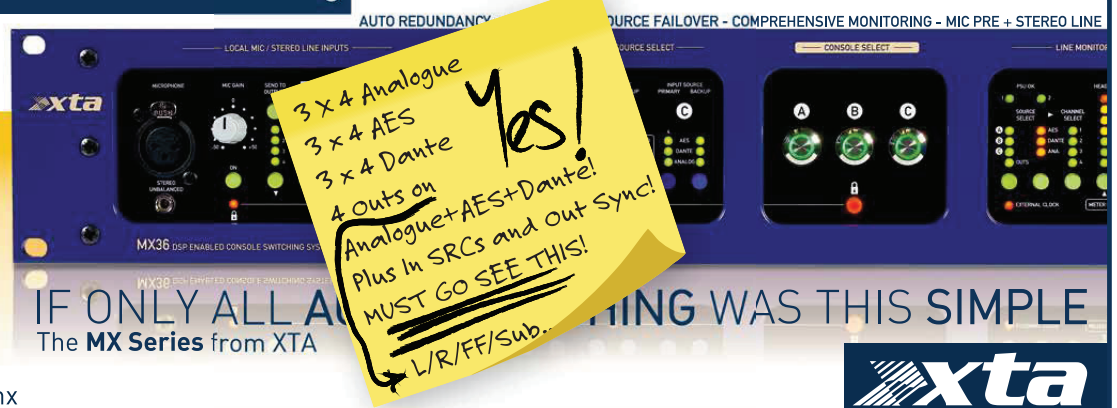
Singapore: MICA (P) 031/06/2019 PPS 1604/05/2013(022953)

MX36 DSP Enabled Console Switching

integrated
systems
europe

See us at
7-W240

11-14 Feb 2020
Amsterdam RAI, NL



The image shows the Xta MX36 DSP Enabled Console Switching System, a professional audio mixing console. It features a dark blue faceplate with various controls, including microphones, faders, and buttons. A yellow sticky note is placed over the console, containing handwritten text: "3 x 4 Analogue", "3 x 4 AES", "3 x 4 Dante", "4 outs on Analogue+AES+Dante!", "Plus in SRCs and out sync!", "MUST GO SEE THIS!", and "L/R/FF/Sub..". The sticky note also has "Yes!" written on it. The console has labels for "LOCAL MIC / STEREO LINE INPUTS", "AUTO REDUNDANCY", "SOURCE FAILOVER - COMPREHENSIVE MONITORING - MIC PRE + STEREO LINE", "SOURCE SELECT", "CONSOLE SELECT", and "LINE MONITOR". The Xta logo is visible in the bottom right corner.

IF ONLY ALL AUDIO ENGINEERING WAS THIS SIMPLE

The MX Series from XTA

xta

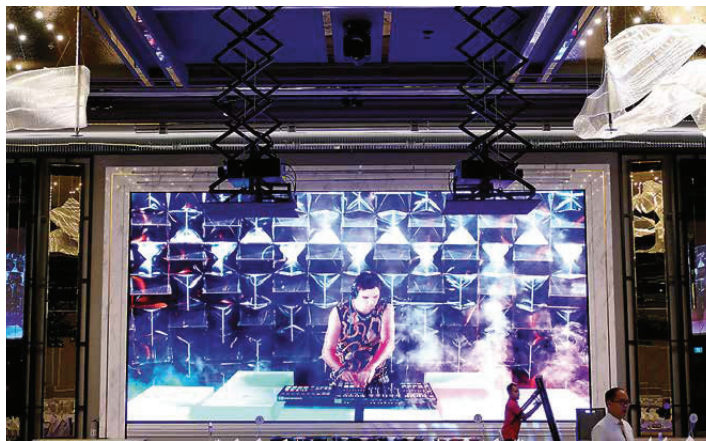
www.xta.co.uk/products/mx

CST shines its expertise within Singapore's Orchard Hotel Grand ballroom

SINGAPORE

In an attempt to further differentiate their properties while gaining a competitive edge, Singaporean hotels are turning to enhanced AV technology that could make the difference in wooing a corporate client or a wedding party to their grand ballrooms. The centrally located five-star Orchard Hotel Singapore is a prime example, as it enlisted the expertise of Concept Systems Technologies (CST) to engineer a solution that would make a difference. As one of the principal systems integrators within the hospitality sector of the Lion State, CST applied a less-than-subtle touch to its usual signature within the pillar-less Grand Ballroom.

Grand it certainly is, as the 1,245m² divisible room can accommodate between 1,000 and 1,500 guests in a banquet- or theatre-style configuration. Two floor-to-ceiling 7.68m x 3.84m (WxH) LED screens



Two floor-to-ceiling AOTO LED screens provide powerful visuals in the ballroom



The divisible 1,245m² ballroom can accommodate 1,500 guests in theatre mode

have been added to create powerful visual options, should the venue host an event, in either portrait or landscape mode. Manufactured by AOTO, each 4mm pixel pitch wall comprises 128 M4C MXC tiles to create a 2K resolution image with a 160° viewing angle. Processing for each wall is provided by an ATLVC-HS/3 LED control system, which is managed from a PC loaded with Blue Peacock software.

For hosting smaller events, two full-length partitions can create three separate venues and, as such, each one requires bespoke

visual requirements. Five Eiki 8,500 ANSI lumens DLP projectors and LAV motorised screens can be remotely controlled from a Crestron 7-inch wall-mounted touchscreen panel or iOS tablet. The Crestron AV3 wireless media control solution allows the hotel technical staff to quickly establish a customised setup via the Digital Media DM1616 multimedia video scalable switcher at its heart. Loaded with 4K-HD HDMI input and HDBaseT 4K output cards, the video signals emitting from the inputs are correctly scaled and transmitted to the seven screens and other HD displays. The addition of a six-channel Datavideo SE-2200 HD/SD video switcher in the control room allows the technicians to route any input to any output.

In terms of audio, the CST team, under the project management of CK Lim, installed two systems to provide for BGM/speech and live entertainment scenarios. Powered by three Apart Audio Revamp 4240T amplifiers, 30 EV C12.2 12-inch coaxial ceiling loudspeakers have been intricately and discreetly inserted so as to not interrupt the ornate lighting and décor above the guests.



Five Eiki DLP projectors are paired with LAV motorised screens

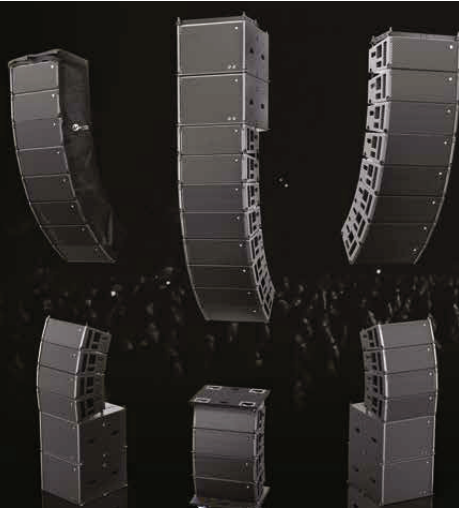
Each divisible ballroom is served by two L-R Norton Audio i1212w ceiling-suspended cabinets should a band or an artist be performing, powered by a total of six Quattrocanali 4804 DSP+Dante amplifiers.


Room dividing and combining DSP settings have been accurately programmed within the Symnet software of a Symetrix Radius 12x8 processor and XOUT 12 expander. Dedicated audio sources for each ballroom include an Apart Audio media player together with six channels of Sennheiser ew 300 G4 wireless channels complemented by G4 digital Speechline handheld and lavalier clip mics together with headsets. Prior to large events, gathering guests can enjoy apéritifs in the pre-function area catered for by 25 Apart Audio 8-inch coaxial ceiling speakers. Each divisible ballroom is equipped with numerous facility panels with VGA, audio, USB and HDMI inputs and speakON connectors.

Lighting effects have not been spared as 18 Martin MH1 Profile Plus LED moving heads can dazzle guests at the touch of a preset stored within the Martin LightJockey control software. In addition, the CST team was called on to upgrade the BGM and video systems within the Hua Ting Restaurant and its adjoining private rooms, Bar Intermezzo and The Orchard Cafe.

Apart Audio music source selectors and 5-inch touchscreens allow the staff to change the BGM settings while serving the Cantonese cuisine. Apart Audio 8-inch coaxial ceiling speakers provide the correct ambience in the restaurant, while live artists can perform on the stage of Bar Intermezzo courtesy of the Norton Audio i10 and SB112 setup. The three private VIP rooms are all equipped with localised Kramer wall panel HDMI, VGA and audio inputs together with LAV 2.4m x 2.4m motorised screens and Eiki 3,000 ANSI lumens projectors.

www.concept-systems.com.sg
www.orchardhotel.com.sg





16-19th Jan 2020
Booth No. 18116
Level 2 ACC NORTH


IWAC220


DUAL 10 INCH TWO-WAY LINE ARRAY SYSTEM

- Preset each array angle on ground then lift it directly.
- Innovative vertical transport designed to meet the demands of fast rigging.
- Compact cabinet designed, same dimension as dual 8" loudspeakers but has better performance on SPL and bass.

www.verityaudio.fr

Headquarters: VERITY AUDIO SARL (253 Rue Saint-Honore, 75001 Paris France.)
 Email: Sales@verityaudio.fr Tel: (0033)144-550-981
 Global Sales and Logistics Office: Sae Audio Co., Ltd (P.R. China)
 Email: Bill@saechina.com Tel: +86-757-8512-9008





Flight case for the IWAC220 system