

ProAVLAsia

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REMAKING HISTORY

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New Dolby Atmos HE studio opens in Mumbai

INDIA: Acoustic consultant Sound Wizard has created a new studio at FutureWorks in Mumbai in the rapidly growing new Dolby Atmos HE format. The 7.1.4 setup using ADAM Audio monitors allows content to be mixed in Dolby's 3D object-based immersive sound format for replay in home entertainment systems, as well as on Dolby Atmos headphones.

The new studio is in a former control room at the FutureWorks facility in Andheri. Acoustics of the original room were designed to function with a main L-R studio monitor system. 'It wasn't designed for a multichannel situation, so we've had to create a new acoustic layer on top of everything that was already there to align it with the new Dolby requirements,' said Sound Wizard founder, Didier



Weiss. 'Luckily we weren't starting too much off target. There was already a recess in the ceiling where the overhead speakers have been mounted, which gave more height where it's needed. We have

added diffusers and absorption material behind the fabric covering the wall to create the exact room acoustics, with early and late reflections, according to Dolby HE specifications.'

Mr Weiss worked in close cooperation with the Dolby team in Mumbai. 'This room is one of the first ones created to handle Dolby HE,' he continued. 'We proposed various setups, asked a lot of questions, carried out predictions, calibrated the results and, in the end, our design was approved. Dolby is really happy with the result. Our aim was to translate something mixed in here for home reproduction, encoded in multichannel, whether it's 5.1 or Atmos. You are carrying out experience that's not too far from what people are going to get at home, which is a very different experience from in the cinema. It's not about loudness, it's about refinement. Because the room is quite small there is a lot of

potential for early reflections that are going to colour the sound, and we needed to take care of early reflections from every angle. We didn't want too much indirect energy arriving together at the sweet spot. That was the main challenge, because in a big room it's much easier than in a small space.'

The 7.1.4 system consists of three ADAM A8X monitors for the L-C-R channels, with four sides of ADAM A7Xs, plus another four A7Xs overhead. The subwoofer is a self-powered Meyer Sound Amie-Sub. 'This is one of the most complex setups you can have for home entertainment,' says Mr Weiss. 'Content can be downscaled through the decoder if, for example, a 5.1 mix is required.'

The studio has also been installed with an Avid Artist Mix control surface and Pro Tools Dock, Pro Tools Ultimate 2018, Dolby plug-ins for Pro Tools, an Avid MTRX I/O unit and a Dolby Atmos HT RMU.

Demonstrating a strong demand for releases in the new format, the studio has got off to a flying start, completing four films in the first month alone. Following this successful implementation, Sound Wizard has also been receiving enquiries to build similar studios.



FutureWorks' Ramesh Swaminathan and Sound Wizard's Didier Weiss

www.dolby.com
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Rivera International cuts the Mustard

INDIA: Music is used to liven the mood at Mustard, a restaurant and bar serving a blend of Bengali and French cuisine in Mumbai's Atria Mall. BGM and sets from the resident DJ are reinforced by a sound system formed from Nova Audio and ToneArt solutions, designed and installed by Rivera International, the distributor of both brands.

Several units of Nova Audio's VS10 and VS12 loudspeakers have been deployed around the restaurant's main seating area, while VS18 subwoofers handle the low end. The setup is driven by a combination of Nova's DXi series power amplifiers and ToneArt's R11Q amplifiers.

Rivera International also supplied the DJ setup in the form of Reelup RMP4 hybrid media players and an RMX33i mixer.

'Rivera have done a fantastic job with the installation and we

must say that the speakers sound absolutely fabulous no matter what genre of music we play,' said a member of the Mustard management. 'The system



has enough room to deliver a louder and more impactful audio performance when needed and is easy to use and maintain.'

www.riverainternational.com