Symetrix Jupiter Delivers Hassle-Free DSP for China’s Panjin Hospital

Chinese distributor Sanecore has provided a redeveloped medical facility with a comprehensive pro-audio system structured around Symetrix’ Jupiter app-based DSP.

PANJIN, CHINA — MARCH 2015: Ease of operation through smartphone browser-based control and a host of other intuitive command options are among the factors that lead to the specification of a Symetrix Jupiter 8 fixed architecture app-based DSP at Panjin Hospital in China’s Liaoning province.

Delivering a wide variety of advanced medical care and treatment, Panjin Hospital is part of Shengjing Hospital, an affiliate of China Medical University. Treating approximately 1,800,000 outpatients and 68,000 inpatients each year, Shengjing Hospital is the largest healthcare institute in North East China and is widely acknowledged for keeping pace with evolving technology.

For its latest technical initiative, EZPro subsidiary company Sanecore was invited to specify and design a high quality yet easily operable sound reinforcement solution for Panjin’s multi-purpose hall, which is used primarily for conferences and academic exchange events. In line with these expectations, a team led by system designer Kong Qingxiang opted to place a single Symetrix Jupiter 8 DSP at the core of the audio processing and routing configuration.

“First of all, the Symetrix Jupiter hardware operates with software ‘apps’ inspired by contemporary smartphone technology,” explains Qingxiang. “This means that users are able to go online and select an app that fits the need of a particular sound processing scenario, download it to the Jupiter hardware, and then make minor tweaks via an intuitive interface in order to achieve the perfect sound.”

The Jupiter system’s support for Symetrix ARC-WEB browser-based control was another significant asset – “it affords system conditioning and extensive user control from a host of Internet-connected devices” – as was the ability to lock-out important parameters, such as EQ curves, to prevent unwanted tampering from unauthorised users.

“One of the great strengths of the Jupiter DSP is that it really offers true ‘plug and play’ capability to installers,” says Qingxiang. “Rather than getting bogged down in settings and so forth, it allows them to focus on simply creating great sound in the venue for each and every event.”

The Symetrix DSP takes its place in a comprehensively high-end specification that also includes a main PA system featuring Community ENT-212 and VERIS 212S loudspeakers, RunningMan HD1221 loudspeakers and an Allen & Heath GL Series audio mixer.

Several months on from Sanecore’s successful installation of the new infrastructure, Panjin Hospital personnel are reported to be delighted with the audio system’s performance. “The management of the hospital is very pleased with the sound and operation of their new technology. As they expected, this configuration provides reliable, excellent sound quality,” concludes Qingxiang.

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With a current and broadly-based product portfolio that encompasses both open architecture (Edge, Radius 12x8 EX, Radius AEC, Solus) and fixed architecture (Jupiter, Zone Mix 761) solutions, Seattle, USA-based Symetrix is the global leader in digital audio signal processing. From a founding base in the studio and MI communities, Symetrix has emerged to take a defining role in commercial audio, its products now a default choice for large-scale installations in performance venues, sports arenas, educational establishments and many more. Benefiting from a worldwide distribution network that has seen its products specified in over 100 countries, Symetrix nonetheless continues to spearhead the entire design and build process from its Seattle HQ. The manufacturer is now enhancing its readiness for a new era of AV networking through its licensing partnership with Audinate, whose world-leading Dante media networking solution is fully integrated into the SymNet DSP platform.

For hi-res media files on the Symetrix product portfolio, please click here.

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