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At Prolight & Sound 2016, Genelec is expanded its range of new generation Smart Active Monitoring (SAM™) systems with five additions to the series.

The SAM™ research and development project began in early 1990s and the first products were launched in 2006, setting the new standards in audio monitoring. 10 years after the successful introduction of the 8200 and 7200 Series, Genelec's commitment to providing state-of-the-art monitoring solutions continues.

Following the introduction the new generation, high resolution, 8320, 8330 and 7350 SAM systems in 2014, the new 8340 and 8350 monitors combined with new 7360 and 7370 subwoofers offer the highest possible system flexibility for demanding monitoring needs, for both analogue and digital audio applications. Smart subwoofer are also complemented by the new 9301 AES/EBU Multichannel interface which allows easy connection to any 7.1 digital audio sources.

"Prolight & Sound is a very important show for us, and we are delighted to introduce five new products which are yet another step forward in audio monitoring technology" says Jani Jalonen, Marketing and Business Director at Genelec. "By improving the system performance, its ease-of-use and further adaptation to the room acoustics, we allow our professional users to have more freedom and to put all their creativity into the audio production rather than spending time adjusting the tools they are using. We look forward to offering a unique listening demonstration to the visitors and to gather their feedbacks."

Genelec new generation SAM systems include floating point DSP engines, linearized phase response plus even more refined auto-calibration and spectral tuning capability than before, allowing better room integration and ease of use in any environment. Their universal mains input voltage allows easy connectivity to any mains power allowing you to move with your monitoring tools anywhere with ease.

Highly efficient Genelec designed Class D amplifiers combined with latest technology drivers allow the 8340 and 8350 to achieve substantially higher sound pressure level than their predecessors with high dynamic range, improved frequency response flatness and very low distortion. This means clean, neutral and fatigue-free audio reproduction at all volume enabling you to work consistently and accurately. New Smart monitors feature also all the benefits of the 8000 Series such as Genelec's Minimum Diffraction Enclosure (MDE™) design which provides very low cut-off frequency and vibration-free structure for clean sound at high output levels. Their innovative Directivity Control Waveguide (DCW™) also provides accurate sound reproduction for on- and off-axis listening positions.

Genelec new Smart subwoofers are built upon the proven Laminar Spiral Enclosure (LSE™) technology which allows them to deliver articulate, precise low frequency reproduction with high dynamic capability. Achieving also higher sound pressure level with more amplifier power and headroom, the new 7360 and 7370 include a comprehensive multichannel bass-management system offering both 7.1 analogue and stereo digital inputs in a single, cost-effective package without the need for additional external A/D converters. The new 9301 AES/EBU Multichannel Interface unit complements our Smart subwoofers by providing 7.1 digital audio inputs and a bass-managed subwoofer output link for a seamless integration of all multichannel audio sources. Offering comfort, flexibility and unlimited configuration possibilities, you can now only focus on your creative work.

The Genelec Loudspeaker Manager software (GLM™ 2.0) is one part of the GLM system, a highly intuitive and powerful monitor control networking system that manages connectivity to all Genelec SAM systems. The intelligent GLM AutoCal™ technology improves the precision of monitoring by compensating deficiencies in the listening environment. After automated calibration, based on one or more listening positions, all components in a system play back at the same level and timing, with acoustical colorations removed from the monitors' responses, leaving superb consistency and neutral sound stage imaging.

The GLM 2.0 software allows also all SAM system's owners to benefit from the continued evolution of our SAM technology via an easy to use Mac and Windows user interface. Furthermore, new SAM systems are fully backward compatible, allowing to expand easily any monitoring system, as well as to secure previous investments in Genelec products. Genelec new SAM systems are the most advanced and flexible monitoring solutions available today and the benchmark in audio monitoring for broadcast, post-production, film and music facilities

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