**PRESS RELEASE**

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**FOR IMMEDIATE RELEASE**

**Genelec Fortifies World of Wine with Immersive Sound**

— The New Cultural District in Porto, Portugal, features an extensive Genelec immersive loudspeaker solution —

NATICK, MA, November 15, 2022 — The New Cultural District in Porto, Portugal, known as “[World of Wine](https://wow.pt/?utm_source=Google&utm_medium=Organic&utm_campaign=GMB)” (WOW), comprises a cluster of museums, restaurants and bars that form an immersive journey through the region’s port production heritage. WOW’s management team decided they wanted to install a comprehensive, premium audio system to guide people through the various exhibits and deliver the immersive soundscapes that help make the venue unique. Genelec loudspeakers were a natural choice, providing their trademark combination of studio-quality sound, flexibility, and reliability.

Over 400 [Genelec](http://www.genelec.com/) loudspeakers are utilized across all the spaces. The brief was simple: to build an interactive experience that would attract, entertain, and educate tourists on various aspects of Portugal’s cultural history. Local Genelec distributor [Garrett Audiovisuais](https://garrett.pt/) — experts in delivering complete AV systems — secured the contract and specified an extensive list of Genelec equipment, working in tandem with [Gema Digital](https://gemadigital.com/), the company responsible for the creation of most of the museum experiences, from inception to the global project management, including the storytelling, multimedia production, AV installation, execution, and maintenance. Gema Digital specializes in developing pioneering immersive and interactive experiences for events, brand activations and museums, with a portfolio that combines over 2000 projects in 14 different countries. At WOW, sound played an instrumental part in creating an engaging experience that propels the visitor forward.

“In each space, completely different environments are presented, and it was necessary that the sound design reflects this change in dynamic,” explains Gema Digital’s Francisco Brandão, highlighting the importance of sound as an immersive component and its direct effect on the mood of a room. While walking through WOW, specifically designed soundscapes help immerse visitors in each part of the journey.

The site includes seven different museum experiences and numerous restaurants, bars, and shops.Gema Digital designed and developed four museum experiences: *The Wine Experience, Planet Cork, Porto Region Across the Ages,* and *The Chocolate Story,* all different in shape and size. Nine different loudspeaker models were used throughout the project, including all variations of the 4000 Series. The Genelec loudspeakers were chosen primarily for exhibits where their superior detail and intelligibility can shine. For example, the 7.1 surround sound systems located in “Porto Region Across the Ages” and “The Wine Experience” auditoriums consist of exclusively Genelec loudspeakers.

Raul Fernandes, Sales Director at Garrett Audiovisuais, elaborates on the decision: “When we were consulted by Gema Digital about this project, they made it clear they required a speaker that would be adaptive to the different types of rooms and applications, but would look very discreet. Genelec’s crystalline sound signature is ubiquitous across their models, but there are subtle differences in the choices for each room.” He continues: “It’s why we suggested a combination of [Architectural](https://www.genelec.com/architectural-speakers) and [4000 Series](https://www.genelec.com/4000-series) models, as they can be adjusted very easily to the acoustics of the space, bypassing difficulties usually present in older buildings or with materials that create too much reverberation.”

It was also important that the loudspeakers blend seamlessly with the interior of their environment. Genelec’s ceiling-mounted [AIC25](https://www.genelec.com/previous-models/aic25) models predominate the installation; chosen for their subtlety and versatility, Gema Digital installed 192 of these across the site. Amplification for each AIC25 is supplied via a remote RAM2 amplifier module, which also allowed technicians to adjust the loudspeakers’ frequency response and help the AIC25s blend with their environment in every sense of the word.

Some of the larger models required a little more creative thinking to ensure they remained hidden without compromising sonic quality. “In the Civil War section of ‘Porto Region Across the Ages’, we made the decision to hide the Genelec [5041A](https://www.genelec.com/5041a) active in-wall subwoofer in the scenography, in the chimney,” recalls Brandão, “Likewise, in the jungle of ‘The Chocolate Story’ we made a creative decision to position the loudspeakers behind the wall of vegetation to provide the feeling that there are animals hidden along the entire wall, simulating the thriving wildlife of an actual jungle, and conveying a sense of 360° immersion.”

WOW serves as a shining example of how museums and other similar attractions can adopt AV technology to enhance the interactivity and immersive element of their exhibits.

For more information, please visit [www.genelec.com](http://www.genelec.com).

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Photo file 1: WoW\_PR\_Image\_1.JPG

Photo caption 1: World of Wine, Porto.

Photo file 2: WoW\_PR\_Image\_2.JPG

Photo caption 2: World of Wine, Porto.

Photo file 3: WoW\_PR\_Image\_3.JPG

Photo caption 3: World of Wine, Porto.

PDF file: English\_WoW\_Genelec\_Case\_Study\_FINAL.JPG

PDF caption: World of Wine Genelec case study

Genelec, the pioneer in Active Monitoring technology, is celebrating over 40 years of designing and manufacturing active loudspeakers for true and accurate sound reproduction. Genelec is credited with promoting the concept of active transducer technology. Since its inception in 1978, Genelec has concentrated its efforts and resources into creating active monitors with unparalleled sonic integrity. The result is an active speaker system that has earned global acclaim for its accurate imaging, extremely high acoustic output from small enclosures, true high-fidelity with low distortion, and deep, rich bass.

Genelec is also celebrating 15 years of its Smart Active Monitoring™ technology, which allows studio monitors to be networked, configured and calibrated for the user’s specific acoustic environment. Each Smart Active Monitor or subwoofer is equipped with advanced internal DSP circuitry, which tightly integrates with the GLM (Genelec Loudspeaker Manager) software application, running on Mac or PC. GLM’s reference microphone kit allows the user’s acoustic environment to be analyzed, after which GLM’s AutoCal feature optimizes each Smart Active Monitor for level, distance delay, subwoofer crossover phase and room response equalization, with the option of further fine tuning by the user. By minimizing the room’s influence on the sound, Smart Active Monitors deliver an unrivalled reference, with excellent translation between rooms.

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*—For more information on the complete range of Genelec Active Monitoring Systems, contact: Genelec Inc., 7 Tech Circle, Natick, MA 01760. Tel: (508) 652-0900; Fax: (508) 652-0909;*

*Web: http://www.genelec.com/.*