

Casino de Espinho Raises the Stakes with L-Acoustics L2 in the Salão Atlântico

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SLS replaces the Salão Atlântico's PA with flown L2 and L2D, holding clarity, coverage and impact across every layout the 550-capacity hall books

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L-Acoustics L2 delivers clarity, coverage and impact across every layout in the Salão Atlântico

The gridded streets of the Portuguese town of Espinho were laid out in the 19th century, after railway access turned a quiet fishing village into one of the country's original seaside resorts. By the early 1900s the town had six casinos. The tradition continues on Rua 19, its main thoroughfare, where Casino de Espinho has been one of the region's entertainment landmarks since 1974. Its showpiece is the Salão Atlântico, a 550-capacity hall that hosts international headliners, gala banquets and conferences, with fashion shows, comedy nights, festivals and private functions in between.

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The 550-capacity Salão Atlântico at Casino de Espinho, Portugal

L2 and L2D Raise the House Standard in Every Layout

Keeping that calendar full means satisfying promoters, producers and corporate clients who each arrive with different expectations, in a room that is reconfigured between almost every booking. When the casino set out to raise the Salão Atlântico's technical standard, the brief was to replace the PA outright and come back with greater clarity and speech intelligibility, uniform coverage and stronger impact, in every layout the hall can be set to.



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Rui Marques, Sales Team (Northern Portugal), SLS

The casino brought in L-Acoustics Certified Provider SLS, whose record with L-Acoustics systems in technically demanding venues and whose Soundvision expertise won it the project. SLS presented the proposal in January and had the system installed and commissioned by its own technical team in February.



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“The Salão Atlântico earns its keep through its versatility,” says Pedro Santos, Sales Manager (Northern region), SLS. “It has to be ready for anything, and the sound has to perform in any one of a variety of layouts. Raising the technical standard of the room mattered to the clients who already trust us with their events, and it opens the door to new, more ambitious productions.”

“The main challenge was achieving uniform coverage in a multi-purpose venue with a variety of seating layouts and event configurations,” furthers Santos.

One L2D Hang Per Side, Modelled in Soundvision

The hall changes shape constantly, and the system had to sound the same in all of it. L2D covers the whole room from a single compact flown array each side of the stage, with uniform horizontal and vertical coverage that holds wherever the seating lands. Fewer enclosures also means a cleaner installation and open sightlines to the stage. SLS modelled the design in Soundvision, testing splay angles and rigging heights and validating SPL uniformity and speech intelligibility across every seat before a box was hung.

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The new L-Acoustics system at Casino de Espinho was modelled in Soundvision

“Using Soundvision, we optimised the positioning of the L2 system to ensure consistent coverage across every audience area while carefully managing the interaction between the loudspeaker system, the room geometry, and its acoustic characteristics,” explains Santos.

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The Salão Atlântico hosts a wide range of events, from live performances to gala banquets and conferences



The L-Acoustics system serves every table in the Salão Atlântico, from the stage edge to the back of the hall

One L-Acoustics L2D flies left and right of the stage as the main system. Four L-Acoustics KS28 subwoofers sit in a central ground stack along the stage front, and five L-Acoustics 5XT front-fills line the stage edge for the nearest tables. L-Acoustics LA7.16i, LA12X and LA2Xi amplified controllers drive the system, with a P1 processor at the head of a native Milan-AVB network that keeps latency ultra-low and calls for no format converters.

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L-Acoustics amplified controllers drive the Salão Atlântico system

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L-Acoustics Certified Provider SLS installs a new L-Acoustics L2 system in the Salão Atlântico

A Predictable L2 System from One Booking to the Next

Predictability is what the room trades on. Layouts change constantly, so the system has to be quick to reset and sound the same once it is. The casino's technical team stayed involved through the whole implementation and moved to the new workflow quickly. Engineers and performers have singled out clarity, consistency of coverage and low-frequency impact, while management has picked out versatility and reliability across the full range of events the hall books. The platform scales as production demands grow.