Press release

**Modern restaurant PA – LD Systems in the Amza Restaurant**

**Neu-Anspach, Germany, 10 December 2024 – The owners of Amza, in the Romanian city of Sibiu, have created a thoroughly modern restaurant concept. The large, spacious dining area has over a hundred tables, an open-plan kitchen, floor-to-ceiling window fronts, and plenty of wood and plants. To give the acoustically challenging new building, which is due to open in 2024, a uniform but flexible sound system, SET-UP, the AV service provider responsible for the task, opted for a combination of the LD Systems CURV 500 and DQOR speaker series, which are controlled by a ZONE X 1208 audio matrix, including streaming players.**

"The end customer wanted a sound system that sounded like hi-fi and also offered sufficient power in the bass range for occasional lounge events with a DJ in addition to normal restaurant operations," explains SET-UP owner Grunca Ovidiu. With an indoor floor area of around 25 x 30 metres, the open room design requires the speakers to be precisely selected and aligned – not least because the restaurant has a lot of sound-reflecting surfaces. Consequently, it was important to have the vertical sound dispersion under control.

**Precise sound dispersion**

For the indoor area, SET-UP's long-time LD Systems users were confident of the advantages of the CURV 500 array system: "The scalable CURV 500 satellites, with their narrow vertical dispersion, cause fewer reflections on the ceiling and floor," says Grunca Ovidiu. "This means more direct sound, and a better sound, than when using conventional installation speakers."

The team distributed a total of 16 arrays, each with three S2 array satellites, in the restaurant's dining area, supplemented by two individual S2s in the restrooms. The desired low-frequency pressure is provided by sixteen CURV 500 I SUB 10" bass reflex subwoofers, which, thanks to their slim profile, could be elegantly mounted in pairs on the side walls. The entire speaker setup is powered by several CURV 500 I AMP 4-channel Class-D installation power amplifiers.

**Flexible control**

In the outdoor area on the terrace, eight DQOR 8 T IP65 installation speakers with 100V technology ensure optimum sound coverage via an IPA 424 T 4-channel DSP installation power amplifier. "The DQOR series continues to impress us with its combination of consistent frequency reproduction, IP65 weather resistance and modern design," says Grunca Ovidiu. An LD Systems RSMP universal media player is used for convenient playback of internet radio stations, in addition to smartphones and tablets. The audio content is distributed to the two zones – indoor and outdoor – and includes source selection and volume control via the ZONE X 1208 DSP audio matrix and a tablet control interface specially programmed for Amza staff.

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**Further information:**

[amza.ro](https://amza.ro/)

[set-up.ro](https://www.set-up.ro/)

[ld-systems.com](https://www.ld-systems.com/)

[adamhall.com/integrated-systems](https://www.adamhall.com/shop/integrated-systems/)  
[adamhall.com](https://www.adamhall.com/)  
[blog.adamhall.com](https://blog.adamhall.com/)

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For more information about the Adam Hall Group and the Adam Hall Integrated Systems division, please visit [adamhall.com](https://www.adamhall.com/) or call the B2B service hotline on +49 6081 9419 300.