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Grand designs

INDIA

Five-star hotel The Grand in New Delhi is the site of

a new high-energy bar and restaurant, Bergamo, which has opened with an Outline PA system designed by Axs Integrated Solutions. The Italian-themed Bergamo, which can accommodate crowds of almost 200, attracts diners to its restaurant during the day and early evening, segueing into a high-energy bar by night.

After initial meetings with the venue architect, Axs director Prince Philip used Outline's proprietary OpenArray 3D simulation software to design the system, finalising configuration and speaker placement. Equipment was supplied by Gaurav Malvai of GPAM, Outline's Indian distributor, whose team also carried out installation under Axs supervision, with Philip handling final system optimisation.

The main sound system consists of a pair of Outline Vegas 12 CX coaxial full-range speakers and a Sub 218 dual 18-inch subwoofer. A pair of Outline Vegas 10s and a Sub 118 single 18-inch subwoofer provide fill for the bar area, while six Vegas 6.5 super-compact speakers and a Sub 110 10-inch subwoofer provide infill for more remote areas of the room. The subwoofers are concealed between seating areas to spread the energy evenly around



Bergamo's high ceilings accommodated Outline's larger speakers

the room, while the high ceilings provide plenty of room for the Vegas 12 CX speakers, despite having to lower the

height to provide acoustic separation from the guest rooms above. The

Outline system is powered by QSC amplification.

"The venue owners wanted to run Bergamo as a high-energy bar rather than just a restaurant, and at night the area around the bar becomes a dancefloor," explained Philip. "They were realistic about installing larger speakers than you would usually see in a restaurant setup in the first place rather than getting some that were too small for the environment they wanted to create."

DJ equipment includes Musicson KS-12 monitors, two Musicson PLP428 DSPs, Pioneer CDJ-3000 multi-players and a Pioneer DJM-900 mixer. Audac WX502/0 weatherised speakers keep the party going on the spacious outdoor terrace, albeit at lower SPLs that won't disturb hotel guests.

www.outline.it

