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## Jbn Sound Ceiling for LiveWire Bar

The LiveWire bar located in the heart of the Treasury Casino has been an integral part of the entertainment offered at the Casino for many years. The bar was seen as a great destination to enjoy a drink and listen to a band any night of the week. However, having live bands performing in the middle of the Casino can create problems such as loud music blasting through into the main gaming areas disturbing punters at electronic gaming machines and gaming tables.



Another potential problem was bass sound travelling up into the Casino's hotel rooms disrupted guests sleeping, hence noise complaints.

Due to the above issues the Casino management decided to replace the LiveWire bar band area with a new gaming area. The effect was that the Casino lost some patrons who wanted to listen to live music and visit the Casino as a total entertainment destination left the venue and did not return.

Management decided to return the LiveWire bar and actively sought ways to limit the noise issues associated with live bands and music blasting through the gaming areas and the exclusive accommodation above.

At the time, General Manager of Hotel, Food & Beverage Treasury Casino, Johan Lindholm saw the Jbn Sound Ceiling speaker system at the Food Hotel Asia Expo in Singapore. Immediately he recognised the benefits of the speaker system and thought it could solve the problems faced at the LiveWire bar. Consequently he requested Jbn Sound Solutions provide a total solution for the new band area of the LiveWire bar.

Jbn Sound Solutions were commissioned by the Treasury Casino to complete a total refit of the sound and lighting systems for the LiveWire bar. Paramount to the solution was the newly released Jbn Sound Ceiling speaker system. Upgraded from the previous version LAB2, the newly released Sweden designed and manufactured speaker system incorporates 2 x 10 inch bass drivers and 6 x 6 ½ inch dual cone drivers per 600mm x 600mm panel. The 156 off, LAB24 sound panels with a total of 312 off, 10 inch bass drivers and 936 off, 6 ½ inch dual cone drivers covering 56.16m<sup>2</sup> were suspended from the trussing, directly above the dance floor area.

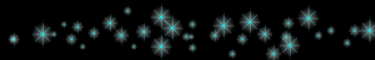
To further limit the spill of sound into the surrounding Casino areas, Jbn installed the TD30KV Roland electronic drum kit. All on stage equipment and instruments are directed to plug into the system via DI Boxes to further limit the on stage unamplified sound. Void Basys 12" Stage Monitors were installed on stage and Void Macro 10" Loudspeakers provided fill sound outside the speaker array over dance floor area. A Soundcraft Digital Mixing console SI-E-2 was installed to control the bands from either side of the room and a Void Digidrive V2 Audio processor provided the brains of the system.

The lighting system, totally supplied by Show Technology, consisted of Martin Rush MH-1 moving heads, Max Classic Stobes and Pro Shop LED PAR Cans controlled by a Martin LightJockey.

The completion of the installation has seen the LiveWire bar refurbished and reinvigorated. Live bands are back on weekends at Treasury Casino!

The installation of the Jbn Sound Ceiling and the other methods taken to reduce the spill of sound has created a huge reduction in sound propagation. The benefits derived from the Sound Ceiling have created the perfect entertainment venue for all patrons and staff of the Treasury Casino.

**Jbn Sound Solutions**



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