

PETRONAS CONCERT HALL

Dewan Filharmonik PETRONAS

Client *KLCC Holdings Berhad*
Location *Kuala Lumpur City Centre, Malaysia*

The Concert Hall, also known as Dewan Filharmonik PETRONAS, will offer a broad artistic programme to appeal to the widest possible audience. This will include an international concert series, lunchtime concerts, and regular concerts for the children and a variety of other musical events.

The programme will also integrate other complementary musical styles, including traditional Malaysian music and dance, Chinese opera, Indian classical music and jazz. Located at the podium block of the Petronas Twin Towers, it links the Towers and Suria KLCC at the ground level.



Design Concept

The magnificent Concert Hall was created within the podium block of the PETRONAS Twin Towers as a centre of excellence for the performance and appreciation of classical music. It was designed along the lines of the traditional “shoebox” shape of the great European concert halls of the 19th. Century, still widely acknowledged as the finest acoustic environment for the performance of symphonic music.

To maximize the natural acoustic qualities of the auditorium and create a flexible performing environment suitable for a wide range of musical performance styles, various acoustic devices were incorporated into the design.

A unique aspect of the acoustic design is the ceiling. Gently arched, the perforated metal ceiling vault is acoustically transparent, allowing sound to travel to an upper ceiling. This upper ceiling is composed of seven motorized moveable rows of panels, which can be adjusted to alter the volume of the concert hall and simulate a range of acoustic environments. Special acoustically absorptive motorized panels in the sidewalls open or close to adjust the volume of the auditorium. Walls, ceilings and balconies have been shaped to reflect sound to both the audience

and the musicians while avoiding echoes. All materials and finishes have been carefully selected to further enhance the acoustic quality of the auditorium whilst maintaining as much local content as possible.

Comfortably seating 864, the auditorium has been designed to provide a careful balance of form, materials, textures and colour. Local materials and traditional motifs and patterns have been incorporated into the interior finishes to reflect a distinctive Malaysian quality. The Grand staircases and escalators lead patrons from the elegant main lobby to the auditorium, where seating has been arranged on three levels- Stalls, Circle and Upper Circle.