

# Avalon and Pangaea

Designed and Installed by John Lyons Systems



Avalon and Pangaea reside in the Marina Bay Crystal Pavilion, a three-dimensional glass diamond structure designed by noted architect Moshe Safdie. Avalon is split over two levels comprising over 17,000 square feet. The first level is a club lounge, with dance floor and stage which features leading international DJs, live concerts and high-profile events. A second level VIP lounge overlooks the dance floor.

An underwater tunnel leads from Avalon to Pangaea, an opulent nightclub and lounge hidden beneath the level of the bay. This legendary ultra lounge has roots dating back to the 90's and the brand has made a name for itself through sophisticated designs, largely based upon an African safari camp motif.

## Challenges

- The clubs' distinctive glass-sheathed polyhedron architecture presented some unique acoustical challenges
- High-output loudspeakers needed to aesthetically integrate into the venues' lavish décor
- Avalon required an aggressive and complex sound reinforcement system to deliver the elevated SPLs and the visceral low-frequency punch required to "crush" at all locations on its massive dance floor

## Solution

Avalon's dance floor and stage system feature Prophile XL, L and M series compact, coaxial loudspeakers designed specifically for the needs of high-energy nightclubs. Next-generation coaxial transducers give Prophile loudspeakers the ability to provide a stable, high-fidelity image, and Fulcrum's Temporal Equalization™ technology adds studio-monitor-class transient response. US221-2 dual 21 inch ultra-compact, direct-radiating subwoofers provide gut-churning impact and solid musicality to the dance floor while Sub215 dual 15 inch direct-radiating subwoofers serve as monitors for the club's internationally renowned DJs. Off the dance floor, Prophile series high-performance coaxial loudspeakers paired with FA Portable installation subwoofers proved the perfect fit for Avalon and Pangaea's lounge areas – delivering Fulcrum's signature clarity and precise directional control from compact, low-profile enclosures which seamlessly integrate into the space without detracting from the clubs' bold architecture and breathtaking views of Marina Bay and Singapore at night.

## Project Details

### Location

Singapore

### Product Category

Hospitality (nightclub)

### Project Type

Avalon dance club and Pangaea ultra-lounge bottle club

### Fulcrum Products

#### Avalon Dance Floor and Stage Systems

- (6) Prophile XL Horn-Loaded Coaxial Loudspeakers, 90° x 45°
- (6) Prophile L Dual 15 inch Coaxial Loudspeakers, 75° x 75°
- (12) Prophile M Dual 12 inch Coaxial Loudspeakers, 75° x 75°
- (2) Sub215 Dual 15 in Direct-Radiating Subwoofers configured as DJ Monitors
- (2) FA28ac Self-Powered Dual 8 inch Coaxial Loudspeakers, 90° x 60°
- (10) US221-2 Dual 21 inch Direct-Radiating Subwoofers

#### Avalon Lounge Areas

- (23) Prophile S Dual 8 inch Coaxial Loudspeaker, 100° x 100°
- (2) Prophile P 8 inch Coaxial Loudspeakers, 100° x 100°
- (4) US212 Dual 12 inch Direct-Radiating Subwoofers
- (4) Sub215 Dual 15 in Direct-Radiating Subwoofers

#### Pangaea

- (4) Prophile M Dual 12 inch Coaxial Loudspeakers, 75° x 75°
- (15) Prophile S Dual 8 inch Coaxial Loudspeakers, 100° x 100°
- (2) US212 Dual 12 inch Direct-Radiating Subwoofers
- (1) Sub115 15 inch Direct-Radiating Subwoofer
- (4) Sub215 Dual 15 in Direct-Radiating Subwoofers

