



# Community Hall

## Lei Tung

# Showcase

## Community Hall



An energy-saving LED spotlight gives just as powerful output, but consumes up to 70% less electricity.



Over 75% of the stage lighting fixtures were upgraded with LEDs.



Rigging: Lighting bars and curtains are motorized and managed by a hoist control system. (left)  
Dimming: Stage lighting and house lighting fixtures are all dimmable. (right top)  
Easy routing: DMX ports on lighting bars for easy and direct connection to DMX devices. (right bottom)

### “LED” the way: working together with tungsten

There are at present a total of 59 community halls in Hong Kong under the management of Home Affairs Department. Being one of the few government-qualified specialist contractors for stage lighting and machinery systems, Macostar has taken an active role in system design and equipment supply for a majority of these venues.

In August 2011, the District Council endorsed to carry out upgrading works of lighting, audio-visual, and acoustics facilities in 2 community halls in Lei Tung and Stanley. The scope of works was similar to that of their neighbouring Wah Kwai and Ap Lei Chau community halls in Southern District.

Of all the stage lighting fixtures upgraded in this particular hall, more than 75% are LEDs, including our Macostar LED spotlights, which provide high lumen and close to skin tone color rendering (CRI: Ra90). All lighting fixtures are RDM ready and available with DMX controls for smooth dimming.

These 2 venues are also the first few local community halls in Hong Kong using LED spotlights specifically designed in the professional stage lighting standard and made by a Hong Kong-based company.

### Scope of work

Macostar is responsible for the supply and installation of theatre lighting, rigging & machinery, and house lighting control system in the Lei Tung Community Hall.

### Lighting Fixtures and Equipment

- Macostar NF200W LED Fresnel Spotlight
- Macostar N18/36 200W LED Profile Spotlight
- Macostar LEADER 590 450W LED RGB Spotlight
- LDR Nota 18/36 1200W Profile Spotlight
- LDR Tono 8/22 2000W Profile Spotlight
- Altman Spectra CYC 100W LED Cyclorama Light
- Macostar MATCH IDA6R DMX Splitter
- Leviton Innovator 24/48 Stage Lighting Control System
- Macostar DPC24X2D and DPC12X2D Wall Mount Dimmer Cabinets

### Rigging & Machinery System

- Macostar MEDLEY Internal Wired Bars
- Macostar Motorized Winch Hoist
- Macostar Front & Rear Curtain and Curtain Track
- J.D. McDougall Front & Rear Curtain, House Front Curtain and Cyclorama Cloth
- Macostar MACHO Drum Winch
- Macostar MACHO Hoist Control System

### House Lighting Control System

- Galuzii Dimmable Fluorescent Lighting Panel
- Macostar AUROSTAR ADC12R2E 12 ways Dimmer Cabinet
- Macostar AUROSTAR House Light Control 4-preset Station

### Client



### Address

Lei Tung Community Hall  
Lei Tung Estate  
Ap Lei Chau  
Hong Kong

### Completion

February 2012