

Introduction: Lighting Control System at Southern Branch of the National Palace Museum



(Source: Official website of Southern Palace Museum)

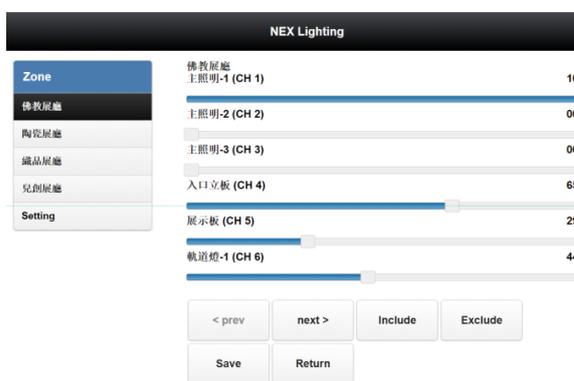
Southern Branch of the National Palace Museum, as an Asian Arts and Culture Museum, is located in Taibao City, Chiayi County. The trial service started on December 28th 2015. As the treasury of the greater Chinese culture, Southern Branch of the National Palace Museum perseveres at keeping the exhibits in good shape and presenting them with its original form. The completion of Southern Branch of the National Palace Museum also represents the accumulation of the best technique and talented people. Among all, the General Council- Lien Chou, was the CEO of BPI which is the biggest lighting design company in the U.S. With many appealing projects worldwide, he has returned to his motherland, Taiwan, and dedicated his expertise to the country.

Lite-Puter is honored to participate in lighting control of all showrooms and Children's Creative Center. The project began planning since March 2015. In October, our team carried out the construction, and finalized it before December 25th. Among all showrooms, the display cabinets in Asian Textiles and Buddhist Art Collection are custom made by Glasbau Hahn GmbH, Germany, and the lighting is provided by a local company. During the time in the U.S., Lien Chou was experienced in museum lighting design. With his exquisite taste in lighting arrangement, each load has to be able to dim finely, and flicker issue is not allowed when at low dimming output in order to exhibit its vividness. Thus, the lighting effect which is close to the natural light can be formed with the scattered artificial lights.

When the first time the lighting consultants lit up the showroom with the AC PLC (PLNET) dimmers from Lite-Puter working with the LED lights from the lighting

company, the fineness of dimming curve earned much praise from people on site.

AC PLC (PLNET) is based on two wire arrangement. One power line is capable of multi-channel lights, so there is no signal wire required. Comparing to the traditional way of doing lighting control projects, the contractor and proprietor saved a lot of money on wiring and piping this time. Working with the NEX Lighting Mobile, the light can be set and controlled effortlessly via portable devices. The flexibility of channel arrangement is good for later adjustment and maintenance.



NEX Lighting

| Zone | Channel Name | Value |
|---------|--------------|-------|
| 佛敦展廳 | 主照明-1 (CH 1) | 10 |
| 佛敦展廳 | 主照明-2 (CH 2) | 00 |
| 陶瓷展廳 | 主照明-3 (CH 3) | 00 |
| 織品展廳 | 入口立板 (CH 4) | 65 |
| 兒創展廳 | 展示板 (CH 5) | 29 |
| Setting | 軌道燈-1 (CH 6) | 44 |

Controls: < prev, next >, Include, Exclude, Save, Return



NEX Lighting

LIGHTING SCENES

EDIT SCENE

CHANNEL CONTROL