

Renovation and Maintenance of Theater Dimmer Systems: Case Study on the
Experimental Theater of the National Drama Theater

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Abstract

Many performing venues in Taiwan are historical. After long-time use, both the structure and equipment system of these venues have aged, thus causing critical impact on the stage, lighting, and sound effects. Based on the case of the Experimental Theater at the National Theater, this study investigated what should be noticed when renovating the theater lighting system, in order to provide an innovation guide for the management. This study also gathered the relevant information for maintaining the theater lighting system, in order to provide a reference for maintenance personnel to ensure the usability and functionality of dimmer systems.

Keyword : Stage, Dimmer System, Experimental Theater, Thyristor Dimmer Module