# ACS-2800

## **Automation Control System**

An efficient, user-friendly automation product for digital cinema screening



The GDC ACS-2800 is an automation product specially designed for digital cinemas to help exhibitors to achieve automatic control of their screening equipment with maximum efficiency.

- With the ACS-2800, users can simply control off-line devices such as theatre screen masking, lighting and luminance equipment while achieving lighting equipment digitalization with optionally integrated or theatre's existing dimmer.
- All the commonly-used auxiliary buttons required for daily theatre
  operations can be found on the front panel of the device. These buttons
  allow users to manually control at any time. This enables users to flexibly
  address any situational need.
- The integrated rack-mount structure and quick-connecting wiring design make installation, maintenance and replacement easier and faster.
- With user-friendly control software and control protocol, the ACS-2800 enables users to control and manage their theatrical equipment with multiple options of interface.



## ACS-2800

## **Key Benefits**

## **Rack-mount Structure**

The integrated aluminum alloy structure makes the ACS-2800 light in weight and stable for placing. It replaces the traditional wall-mount design for easy in installation and also saving the room space. This is ideal for savvy users who prefer compact booth or even boothless projection.

2

## **Pluggable Wiring Design**

Pluggable wiring connectors replace the traditional terminal block, which simplifies the procedure of installation and replacement. It brings high efficiency on theatre operation.

3

## **Multiple Options of Control**

The ACS-2800 can be controlled in multiple ways. GPIO and network port allow the control from other integrated system through programmable control instruction. The control buttons with LED lights on the front panel allow for manual control at any time.

4

## **Integrated Dimmer (Optional)**

This ACS-2800 offers optional dimming control module, which is recommended for new theatres or theatres without dimmers. The optionally integrated digital sine-wave dimmer brings excellent performance without interference and noise to the electric circuit especially to the audio equipment.

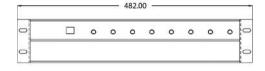
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## **Easy for Integration**

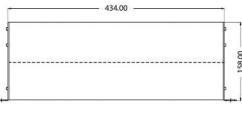
This ACS-2800 comes with device management software and network control protocols for integration with 3rd party systems. The control command is simple and for minimal effort on programming.

## **Technical Drawing**

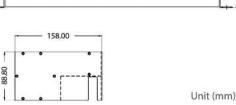




## **Top View**



**Side View** 



## **Technical Specifications**

## Physical

Dimensions 482 (W) x 158 (D) x 88.8 (H) mm

Weight 2.5 kg

#### **Environmental**

Operating Temperature 0 - 45°C

Operating Humidity 20% - 90%, Non-condensing

Maximum Operating Altitude 2,000m

#### Power

Power Requirement 100 - 240V, 60/50Hz, 0.5A

Maximum Power Consumption 30W

### Interface for Integration

Control Software ACS Software Network Protocol UDP, TCP/IP

#### Outputs

 Type
 Rated Voltage
 Rated Current
 Quantity

 Trigger Control
 0 - 240V
 0 - 10A
 7

 Switch Control
 0 - 240V
 0 - 10A
 1

#### Control

Front Panel Buttons 8
Button LED Indicator Support
GPIO Control Support
Network Control UDP, TCP

## **ACS-2800 System Configuration**

