

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

1

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.

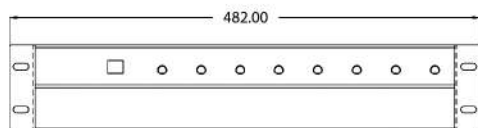
5

Easy for Integration

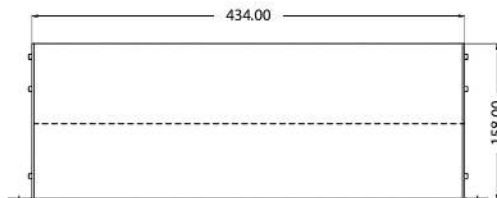
This ACS-2800 comes with device management software and network control protocols for integration with 3rd party systems. The control command is simple and for minimal effort on programming.

Technical Drawing

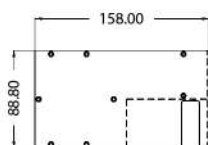
Front View



Top View



Side View



Unit (mm)

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

