# PMA-2000

## **Power Management Adapter**

Power management device for digital cinema



The GDC PMA-2000 is a power management device designed especially for theatre projection rooms. It provides intelligent power supply management for theatre equipment, giving exhibitors the means to achieve a completely unmanned projection framework.

- Retrofit installation means zero interference with the existing power supply system, making seamless integration possible for theatres under construction or currently in operation.
- Intelligent power supply management system monitors and controls power routed to a range of theatre equipment, including projectors, servers, audio systems and luminance equipment.
- Together with Cinema Automation CA2.0 and Quality Management System (QMS), unmanned projection can be achieved, based on the foundation of automated projection.



## **PMA-2000**

## **Key Benefits**



## **Compact and Lightweight**

Suitable for even the most compact equipment rooms, the aluminum chassis of the PMA-2000 allows for a small and lightweight form factor, minimizing the requisite wall space and reducing limitations on wall material during installation and integration.

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### **Network Control**

The PMA-2000 supports both UDP and TCP network protocols, giving users the means to gain direct remote access through the GDC TMS or other network management platforms with UDP or TCP support.



## **Fault Detection**

With built-in power supply failure detection, the PMA-2000 provides instant power supply updates for connected equipment, enabling users to quickly and accurately pinpoint the origin of fault.



## **Standard Wiring**

The PMA-2000 uses a universal wiring method for terminal wiring. This design meets wiring standards in all regions, making installation standardized and easy to maintain.



## **Secure Operation**

The PMA-2000's control panel features 8 sets of LED control buttons and 1 unlock button. The LEDs provide indication of the power supply status of connected equipment, while the control buttons manage their respective power supply. To protect against mistaken operation, each control button will not function unless it is pressed concurrently with the unlock button.

## **Technical Specifications**

## **Physical**

Dimensions 420 (W) x 100 (D) x 450 (H) mm Weight 9.5 kg

#### **Environmental**

Operating Temperature 0°C to 45°C (32°F to 113°F)
Operating Humidity 20% to 90%, non-condensing
Maximum Operating Altitude 6,600ft. (2,000m)

#### **Power**

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

Maximum Power Consumption 30W

#### **Power Loading**

Type of Power Supply	Rated voitage	Rated Current	Number of
			Power Circuits
Single-phase	220V	20A	4
Three-phase	380V	20A	2
Three-phase	380V	60A	2

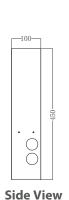
#### Control

Control Panel Buttons	8
Button LED Indicator	Support
Safety Lock Button	Support
Network Control	Support

### Communication

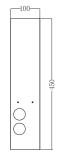
Network Protocol UDP, TCP

## **Technical Drawing**





420 ©C PMA-2000 0



Side View



**Front View** 



**Bottom View** 

## **PMA-2000 System Configuration**

