

# PRODIGY Series

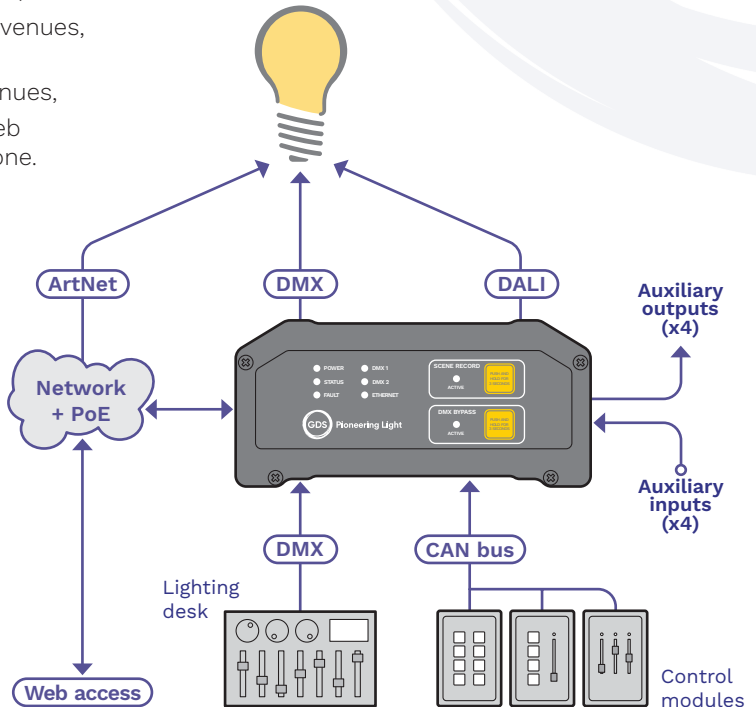
## Intelligent lighting controller



### Quick start

#### Prodigy is...

- Compact and powerful,
- Easy to use for small venues,
- Intuitive for high performance large venues,
- Configurable using web interface or smartphone.



#### Linking Prodigy with your world

Prodigy can accept control inputs from multiple wall mounted control panels; up to four auxiliary sensor switches and a DMX input from a lighting desk.

Overall system management is administered via secure web and smartphone app access; output states can be directly influenced remotely.

Working in coordinated response to the inputs; programmed conditional states and also time-scheduled events, Prodigy provides several output formats to link with varying third party control systems: DMX can be delivered directly as a single universe or across multiple universes via ArtNet (through the Ethernet port). A single DALI universe is also available and four open-collector auxiliary outputs allow switched responses to be sent to external systems, such as HVAC, fire alarms, etc.

# Panel layouts

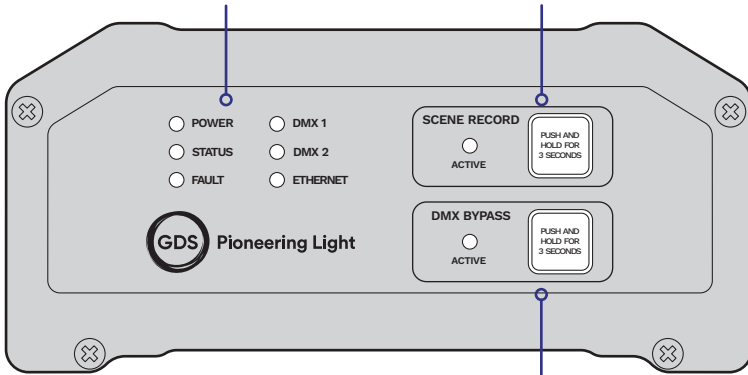
## FRONT

### Status indicators

Six indicators provide basic port status feedback for quick troubleshooting.

### Scene record

Captures the current overall lighting state so that it can be used to form future scenes.



### DMX bypass

When an external DMX input is present, activating this button links that input directly to the DMX output port, thus bypassing the Prodigy unit.

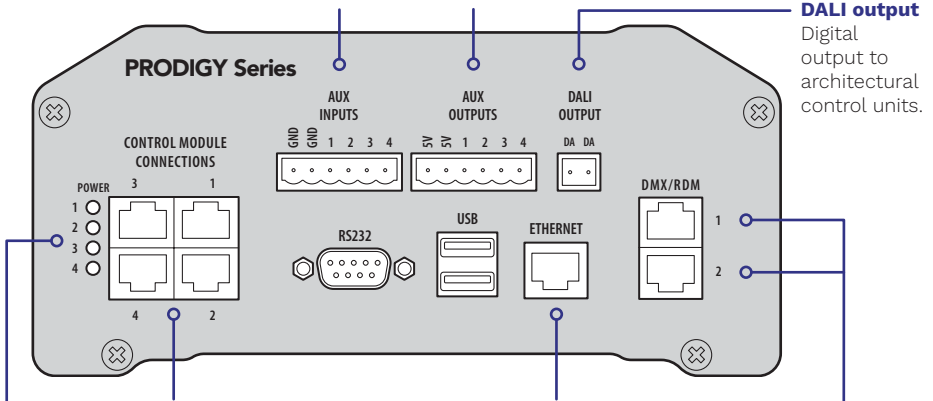
## REAR

### Auxiliary inputs

Four 'dry contact' ports that can be linked to sensors, such as PIR detectors.

### Auxiliary outputs

Four 'open collector' ports that allow connection to external systems.



**DALI output**  
Digital output to architectural control units.

### Port indicators

These illuminate to show valid control module connections.

### Panel connections ports

Provide power and data links to multiple control modules, which can be daisy-chained.

### Ethernet port

Requires power in via PoE and gives network access. Provides an Art-Net control output.

### DMX ports

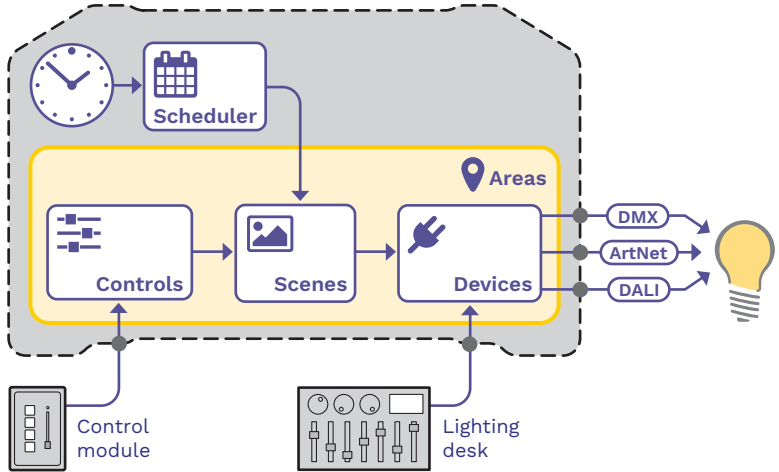
Input (port 1) and output (port 2). Port 1 can also be set as an output if required.

## Getting started with Prodigy

This section provides a brief outline of the steps required to initially configure Prodigy.

### Functional blocks

The diagram shows the various key functional pages within Prodigy; how they relate to each other and how they also relate to the external elements of the installation.



1 On the rear panel of the Prodigy unit:



- Connect a PoE network switch to the **Ethernet port**,
- Connect one or more lighting drivers to the **DMX port 2** and/or to the **DALI port**,
- Connect one or more control modules to the **Panel Connections ports**.

2 On a computer linked to the network switch, use an Internet browser or the Prodigy smartphone app to access the default Prodigy IP address: **192.168.1.250**



3 Click  and choose the **Settings** option.

- Create an admin user profile with a suitably strong password.
- Change the default IP address and other details to suit your installation.


4 Change to the **Devices** page.

- Any RDM-compliant devices that have been discovered should be listed in the upper section. Click the  button to refresh the list.
- To add a non-RDM device, click the  button and enter all of the necessary details.

5 Change to the **Scenes** page.

- Click the  button to create a new Scene.
- Click the **Save and Edit** button.
- Set the levels for the required channels using the controls and click **Save Changes**.
- Optionally click the  button to instantly capture and store the current output levels.

6 Change to the **Controls** page.

- Any connected control modules should be listed. Click the  button to refresh the list.
- Apply your Scene(s) to the required button(s) or fader(s) of the control modules and click **Save Changes**.

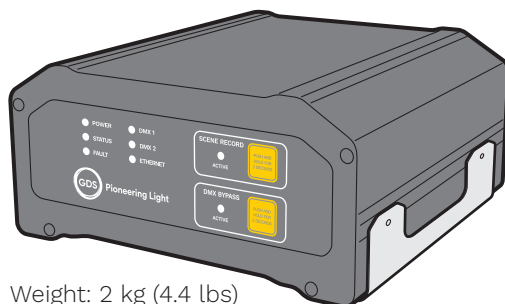
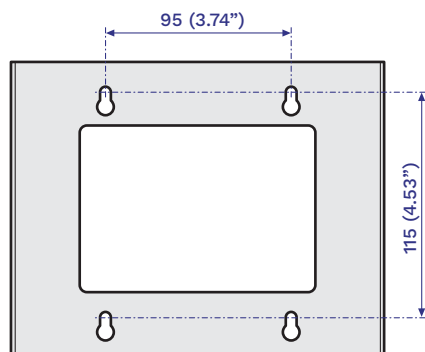
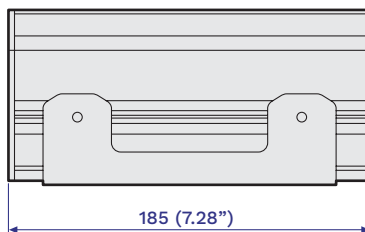
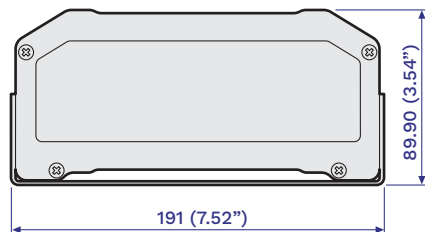
7 Within the **Areas** page, optionally define one or more Areas to encompass your devices, control modules and scenes.

8 Optionally use the **Scheduler** option to create real-time triggers for your scenes.

## Specifications

- Input voltage 48VDC (via PoE or PoE+)
- Power 5W max (Main unit only)
- Ingress Protection IP20 (dry indoor only)
- Operation temp 0°C to 40°C  
32°F to 104°F
- Storage temp -20°C to 70°C  
-4°F to 158°F

## Dimensions (shown with optional wall mount bracket)



## Prodigy app coming soon



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