

Date:

Comments:

Project:



GP002 - G8 Distribution Box

Product Model

GP002 - G8 Distribution Box

Features

- Distributes low-voltage power and isolated DMX to up to 8 fixtures
- Supports CAT5e or higher cabling for power + DMX
- Push-in spring terminals (Phoenix-style) for power and data
- 12-24 VDC input, up to 5 A total
- DMX input with DMX thru/loop output
- Weather-resistant cable glands for secure field wiring
- Durable ABS enclosure for indoor/outdoor applications

Description

The GP002 G8 Distribution Box provides a clean, reliable way to distribute low-voltage power and DMX signal to multiple Gantom fixtures using standard CAT5e or higher-grade cabling. Designed for permanent installations, the GP002 brings all field wiring into a single protected enclosure and uses push-in spring terminal blocks (Phoenix-style) for fast, secure, and tool-free terminations.

Incoming and outgoing CAT cables enter through weather-sealed glands and land directly on the internal terminal blocks for both power and DMX. The box accepts 12-24 VDC input and distributes power and isolated DMX to up to eight Gantom fixtures through a simple structured-cabling approach that fits modern low-voltage infrastructure.

Technical Specifications

Physical

Material	ABS plastic enclosure
Dimension	204 mm (L) x 185 mm (W) x 92 mm (H)
Weight	0.72Kg (1.59lb)
Enclosure Rating	IP65 Indoor and Outdoor use

Electrical

Voltage	12-24V DC
Current	5 A max
Connector	2-pin Phoenix terminal block
Max Load per Port	12 W
Max Total Load	120 W

Thermal

Operating temperature	-30°C to +55°C
Storage Temperature / Humidity	-40°C to +80°C / 10-99% RH

DMX

DMX Input	3-pin Phoenix terminal block
DMX Thru Output	3-pin Phoenix terminal block
Output Connectors	8 x 5-pin Phoenix terminal block

Power Supply

Recommended Power Supply	PowerPak Pro / Max
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Warranty

Fixture	2 years
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Indoor/Outdoor Field Install Power and DMX Distribution Box

Warning

- This system is designed exclusively for Gantom's proprietary Power and DMX-over-CAT cable ecosystem.
- Do **not** connect the outputs to any network device (e.g., Ethernet switch, router, or computer), as this may cause permanent damage.
- Do **not hot-plug** cables while powered.
- If uncertain about proper connections, contact support@gantom.com before installation.

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- All terminations must follow the T568-B standard to ensure proper operation. Using other wiring configurations can cause malfunction or damage to connected fixtures.

