

## Pyle PCO875

# Pyle PCO875 Power Sequence Controller

Instruction Manual

## 1. INTRODUCTION

The Pyle PCO875 Power Sequence Controller is a professional-grade power supply management unit designed for studio, stage, and home theater environments. It provides clean, stable AC power to your electronic equipment, protecting against common power issues such as spikes, surges, and overloads. This unit features a controlled power-up and power-down sequence for connected devices, minimizing potential damage from inrush current and ensuring a smooth system startup and shutdown.

With its robust construction and intuitive controls, the PCO875 is an essential component for safeguarding and optimizing the performance of your valuable audio and video equipment.

## 2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating this device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Power Source:** Connect the unit only to a grounded AC power outlet with the correct voltage and frequency as specified on the unit.
- **Overload Protection:** Do not exceed the maximum power capacity of 2000 watts (13 Amp). Overloading can cause the unit to trip its internal protection or damage connected equipment.
- **Ventilation:** Ensure adequate ventilation around the unit. Do not block ventilation openings.
- **Moisture:** Do not expose the unit to rain or moisture. Do not operate in wet or damp conditions.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to open or repair the unit yourself.
- **Placement:** Place the unit on a stable, level surface or securely mount it in a standard 1U rack space.
- **Cable Management:** Ensure all power cables are routed safely to prevent tripping hazards or damage.

### 3. PRODUCT FEATURES

The Pyle PCO875 Power Sequence Controller offers a comprehensive set of features for efficient power management:

- **2000W Power Capacity:** Provides ample power for multiple professional audio and video devices.
- **10 Universal Outlets:** Includes eight (8) rear-panel sequenced power outlets and two (2) front-panel 'always-on' power outlets for constant power needs.
- **1U Rackmount Design:** Compact and durable single rack space metal housing for easy integration into standard equipment racks.
- **USB Charging Port:** A convenient front-panel USB port for charging external devices (5V).
- **Digital LCD Display:** Real-time monitoring of AC voltage performance.
- **Integrated Micro-Controller:** Ensures precise and reliable AC voltage performance.
- **Built-in Safety Protection:** Safeguards connected devices against noise interference, voltage fluctuations, spikes, and surges.
- **Independent LED Indicators:** Visual confirmation of power sequencing for each of the eight channels.
- **1-Second Turn-On/Off Sequence:** Controlled power sequencing to prevent inrush current and protect equipment.
- **Durable Construction:** Engineered alloy metal housing for maximum reliability and stability.



Figure 3.1: Front and rear panels of the Pyle PCO875, showing the 10 outlets, digital display, and sequence indicators.

# Keep Cords Organized

**10**  
Universal Outlets

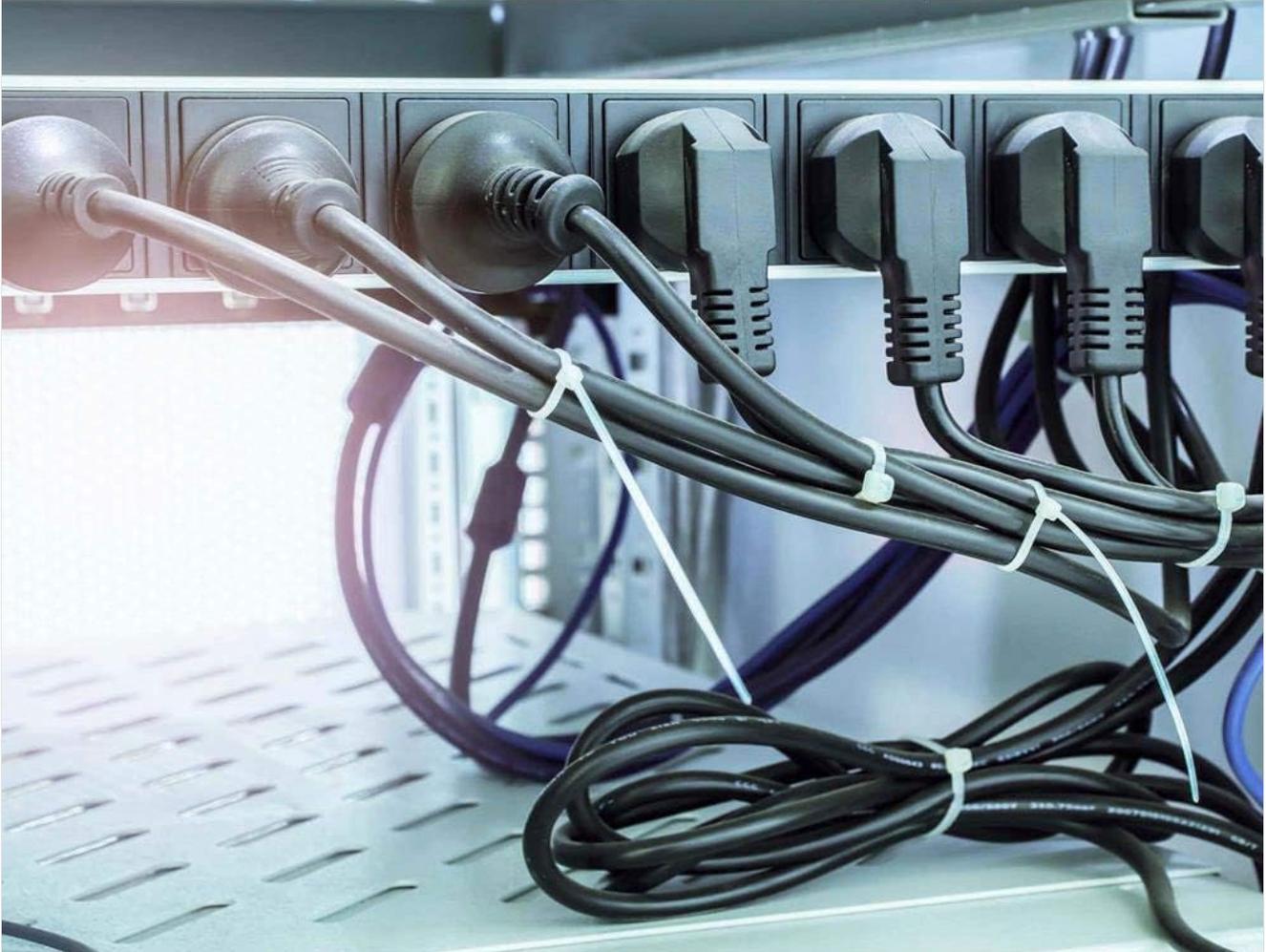


Figure 3.2: The PCO875 integrated into a studio rack, demonstrating its ability to eliminate RFI and EMI for cleaner audio signals.

## 4. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- Pyle PCO875 Power Sequence Controller Unit
- Link Cable (3.28 ft.)
- User Manual (this document)

## 5. SETUP

Follow these steps to set up your Pyle PCO875 Power Sequence Controller:

### 5.1 Rack Mounting

The PCO875 is designed for standard 1U rack mounting. Ensure you have adequate space in your equipment rack. Use appropriate rack screws (not included) to secure the unit firmly to the rack rails.



Figure 5.1: The PCO875 unit shown in a rack, illustrating its easy rack mounting capability.

### 5.2 Connecting Devices

Connect your audio, video, or other electronic equipment to the outlets on the rear panel of the PCO875. These are the **sequenced outlets** (CH1-CH8). The order in which you connect devices to these outlets will determine their power-up and power-down sequence. For example, connect amplifiers or power-hungry devices to later channels (e.g., CH8) and source devices (e.g., preamps, mixers) to earlier channels (e.g., CH1).

The two outlets on the front panel are **'always-on' outlets**. Use these for devices that require continuous power, such as external hard drives, charging devices, or equipment that does not benefit from sequencing.



Figure 5.2: Rear view of the PCO875, demonstrating how to keep cords organized when connecting to the 10 universal outlets.

### 5.3 Power Connection

Connect the main power cable of the PCO875 to a suitable grounded AC power outlet. Ensure the power switch on the front panel is in the 'OFF' position before connecting to the main power supply.

## 6. OPERATING INSTRUCTIONS

Operating the Pyle PCO875 is straightforward:

### 6.1 Powering On

To power on the unit and initiate the power sequence, simply press the main **POWER** switch located on the front panel. The unit will begin its 1-second sequential turn-on process for channels 1 through 8. The corresponding LED indicators (1-8) will illuminate as each channel powers on.

### 6.2 Powering Off

To power off the unit and initiate the power-down sequence, press the main **POWER** switch again. The unit will perform a reverse 1-second sequential turn-off process, starting from channel 8 down to channel 1. The LED indicators will extinguish as each channel powers off.

### 6.3 LCD Display

The front-panel LCD display provides a real-time readout of the incoming AC voltage. This allows you to monitor the power conditions and ensure your equipment is receiving stable voltage.



Figure 6.1: The PCO875 in operation, emphasizing its role in protecting your equipment from power fluctuations.

### 6.4 USB Charging Port

The 5V USB port on the front panel can be used to charge compatible external devices such as smartphones or tablets. This port is always active, regardless of the main power switch position.



Figure 6.2: A smartphone being charged via the universal USB charge port on the PCO875.

## 7. MAINTENANCE

The Pyle PCO875 Power Sequence Controller requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosols.
- **Ventilation:** Periodically check that the ventilation openings are clear of dust and debris to ensure proper airflow.
- **Internal Components:** There are no user-serviceable parts inside the unit. Do not open the casing.

## 8. TROUBLESHOOTING

If you encounter issues with your Pyle PCO875, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	No power from wall outlet; Main power cable loose; Internal fuse tripped.	Check wall outlet with another device. Ensure power cable is securely connected. If problem persists, contact customer support.
Outlets not sequencing.	Unit not powered on; Overload protection activated.	Ensure main power switch is ON. Reduce total load connected to the unit.
LCD display is blank or shows incorrect voltage.	Unit not receiving power; Internal malfunction.	Verify power connection. If unit powers on but display is faulty, contact customer support.
Connected device not receiving power.	Device not properly plugged in; Device faulty; PCO875 channel not activated.	Ensure device is fully plugged into the PCO875 outlet. Test device directly in a wall outlet. Check if the corresponding channel LED on PCO875 is illuminated.

If troubleshooting steps do not resolve the issue, please contact Pyle customer support for assistance.

## 9. SPECIFICATIONS

Attribute	Detail
Brand	Pyle
Model	PCO875
Power Capacity	2000 Watts (13 Amp)
Outlets	8 Sequenced Rear Outlets, 2 Always-On Front Outlets
USB Charging Port	5V
Rack Size	1U
Material Type	Engineered Alloy Metal Housing
Product Dimensions (L x W x H)	18.9" x 8.3" x 1.9" (48.01 x 21.08 x 4.83 cm)
Item Weight	5.95 lbs (2.72 kg)
Compatible Devices	Personal Computer, Audio/Video Equipment

# 13 amp / 2000W Rack



Figure 9.1: Key dimensions of the Pyle PCO875 unit.

## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official Pyle website. Warranty terms and conditions may vary by region and retailer.

**Pyle Official Website:** [www.pyleusa.com](http://www.pyleusa.com)