

---

# 15A Power Conditioner and Sequencer

with 8 Outlets and 3 Zones

---

P/N 604830

User's Manual

## SAFETY WARNINGS AND GUIDELINES

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the power outlet and allow it to fully dry before reapplying power.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- This device uses a grounded power cord and requires a ground connection for safe operation. Ensure that the power source has a proper ground connection. Do not modify the plug or use a "cheater" plug to bypass the ground connection.
- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.
- Use the power switch to turn the unit off before unplugging it from its power source.
- Never unplug the unit by pulling on the power cord. Always grasp the connector head or adapter body.
- Ensure that power is turned off and disconnected before making any electrical connections.
- Unplug from the AC circuit whenever the Wiring Fault LED illuminates.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near heat sources, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.

## INTRODUCTION

Thank you for purchasing this Power Conditioner and Sequencer. This device provides two groups of three AC power outlets for low-powered devices and one group of two AC power outlets for high-powered devices. Each of these groups constitute a "zone", which is sequentially powered on when power is applied. The sequence is reversed when the sequencer is switched off. In addition to the EMI and RFI filtering on all three zones, the conditioner checks for wiring faults and illuminates an LED indicator when the connected AC circuit is improperly wired. It is rated for 15 amps and has a front panel circuit breaker, two front panel unswitched and unfiltered AC power outlets, and LED fault indicators.

## FEATURES

- Two groups of three switched low-power AC outlets and one group of two switched high-power AC outlets
- Two unswitched and unfiltered front panel AC outlets
- Each group constitutes a Zone, which is powered on sequentially, from Zone 1 to Zone 3
- Zones are powered off in reverse sequence, from Zone 3 to Zone 1
- EMI and RFI filtering for all switched outlets
- Front panel 15 amp circuit breaker
- Removable rack mount ears and 1U rack height

## CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website

**[www.monoprice.com](http://www.monoprice.com)** during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at **[support@monoprice.com](mailto:support@monoprice.com)**

## PACKAGE CONTENTS

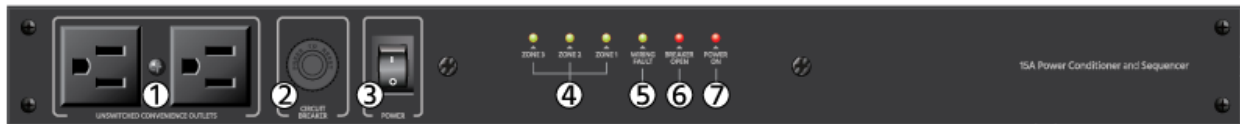
Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x Power conditioner and sequencer

1x AC power cord (NEMA 5-15 to IEC 60320 C13)

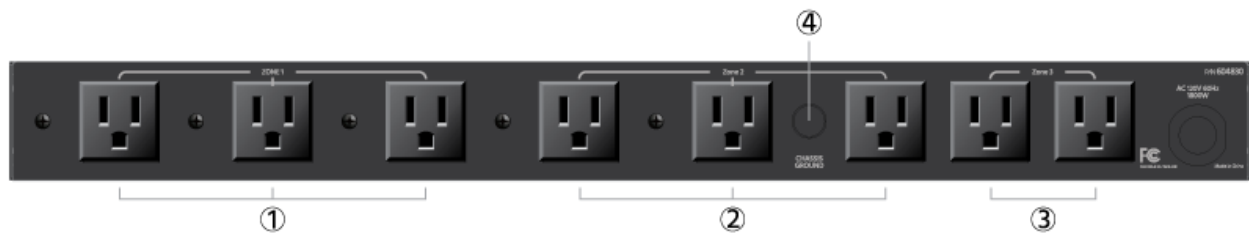
## PRODUCT OVERVIEW

### Front Panel



1. Unswitched and unfiltered AC power outlets
2. 15 amp circuit breaker
3. Power switch
4. Zone power LED indicators illuminate when the zone is active
5. Wiring Fault LED indicator illuminates when the neutral and grounding wires in the AC power outlet are reversed
6. Breaker Open LED indicator illuminates when the circuit breaker is open
7. Power LED indicator illuminates when power is active on at least one of the zones

## Rear Panel



1. Zone 1 switched and filtered low-power AC power outlets
2. Zone 2 switched and filtered low-power AC power outlets
3. Zone 3 switched and filtered high-power AC power outlets
4. Chassis ground point

## POWER SEQUENCING

Power sequencing allows equipment to be powered up in stages, which gives equipment time to idle before the next group of equipment is powered on. When powering down, the sequence order is reversed.

There are many benefits to sequencing power, with the elimination of "speaker pop" being the main one for AV applications. Speaker pop is the loud popping noise that occurs when AV components are activated simultaneously or out of sequence. Speaker pop can stress or damage sound system components, such as amplifiers and speakers. By delaying the activation of the amplifiers until the low level equipment has had the opportunity to idle, speaker pop is virtually eliminated.

Power sequencing is also useful in preventing breaker trips. Amplifiers have high in-rush currents at power up. If multiple amplifiers are activated simultaneously, the in-rush currents sum together and can exceed the capacity of the circuit, which can cause the circuit breaker to trip. The 604830 will activate zones in 3 second intervals, eliminating speaker pop and reducing the risk of tripping a circuit breaker. The order of activation is reversed when deactivating, by turning off high-power devices first.

## TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website [www.monoprice.com](http://www.monoprice.com) during regular business hours, 7 days a week. You can also get assistance through email by sending a message to [tech@monoprice.com](mailto:tech@monoprice.com)

## SPECIFICATIONS

Model	604830
Input Voltage	90 ~ 130 VAC, 60Hz
Current Rating	15 amps
Maximum Surge Current	6500 amps
Outlets	8 rear panel sequenced NEMA 5-15 outlets 2 front panel unswitched NEMA 5-15 outlets
Response Time	1 nanosecond
Dimensions	19.0" x 7.5" x 1.8" (483 x 190 x 45 mm)