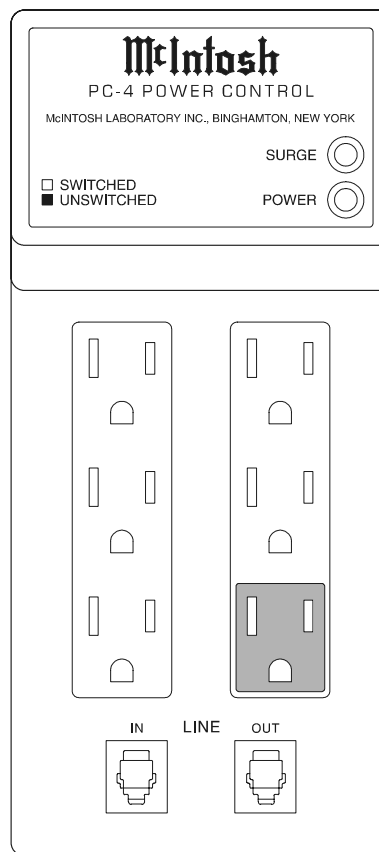


## PC-4 Power Control



PC-4

### Thank You

Your decision to own this McIntosh PC-4 Power Control ranks you at the very top among discriminating music listeners. You now have “The Best.” The McIntosh dedication to “Quality,” is assurance that you will receive many years of enjoyment from this unit.

Please take a short time to read the information in this manual. We want you to be as familiar as possible with all the features and functions of your new McIntosh.

### Please Take A Moment

The purchase date and McIntosh dealer name are important to you for possible insurance claim or future service. The spaces below have been provided for you to record that information:

**Purchase Date:** \_\_\_\_\_

**Dealer Name:** \_\_\_\_\_

### Technical Assistance

If at any time you have questions about your McIntosh product, contact your McIntosh dealer who is familiar with your McIntosh equipment and any other brands that may be part of your system. If you or your dealer wish additional help concerning a suspected problem, you can receive technical assistance for all McIntosh products at:

McIntosh Sales Corporation  
661 W. Redondo Beach Blvd.  
Gardena, CA 90247  
Phone: 888-979-3737  
Fax: 310-217-9288

### Customer Service

If it is determined that your McIntosh product is in need of repair, you can return it to your dealer. You can also return it to the McIntosh Laboratory Service Repair department. For assistance on factory repair return procedure, contact the McIntosh Repair Department at:

McIntosh Laboratory, Inc.  
2 Chambers Street  
Binghamton, New York 13903  
Phone: 607-723-3515  
Fax: 607-723-1917

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### Notes

1. *Connecting Cables are available from the McIntosh Parts Department:  
**Power Control Cable Part No. 170-202**  
Six foot, shielded 2 conductor, with 1/8 inch stereo mini phone plugs on each end.*
2. *For additional connection information, refer to the owner's manual(s) for any component(s) connected to the PC-4 Power Control.*

## IMPORTANT SAFETY INSTRUCTIONS!

**PLEASE READ THEM BEFORE OPERATING THIS EQUIPMENT.**



### **WARNING SHOCK HAZARD - DO NOT OPEN.**

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



### **AVIS RISQUE DE CHOC - NE PAS OUVRIR.**

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



### **NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL**



To prevent the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified personnel.

#### **General:**

1. Read all the safety and operating instructions, contained in this owner's manual, before operating this equipment.
2. Retain this owner's manual for future reference about safety and operating instructions.
3. Adhere to all warnings and operating instructions.
4. Follow all operating and use instructions.
5. **Warning: To reduce risk of fire or electrical shock, do not expose this equipment to rain or moisture.**
6. **Caution: to prevent electrical shock do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.**

**Attention: pour prévenir les chocs électriques pas utiliser cette fiche polarisée avec un prolongateur, une prise de courant ou un autre sortie de courant, sauf si les lames peuvent être insérées à fond sans en laisser aucune partie à découvert.**

#### **Installation:**

7. Locate the equipment away from heat sources such as radiators, heat registers, stoves, or other appliance that produce heat.
8. Mount the equipment in a wall or cabinet only as described in this owner's manual
9. Do not use this equipment near water; for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, etc.

#### **Connection:**

10. Connect this equipment only to the type of AC power source as marked on the unit.
11. Route AC power cords so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the instrument.
12. Do not defeat the inherent design features of the polarized plug. Non-polarized line cord adapters will defeat the safety provided by the polarized AC plug. If the plug should fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
13. Do not overload wall outlets, extension cords or integral convenience receptacles as this can result in a risk of fire or electric shock.

#### **Care of Equipment:**

14. Clean the instrument by dusting with a dry cloth. Unplug this equipment from the wall outlet and clean the panel with a cloth moistened with a window cleaner. Do not use liquid cleaners or aerosol cleaners.
15. Do not permit objects of any kind to be pushed and/or fall into the equipment through enclosure openings. Never spill liquids into the equipment through enclosure openings.
16. Unplug the power cord from the AC power outlet when left unused for a long period of time.

#### **Repair of Equipment:**

17. Unplug this equipment from the wall outlet and refer servicing to a qualified service personnel under the following conditions:
  - A. The AC power cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the equipment.

- C. The equipment has been exposed to rain or water.
  - D. The equipment does not operate normally by following the operating instructions contained within this owner's manual.
  - E. The equipment has been dropped or damaged in any way.
  - F. The equipment exhibits a distinct change in performance - this indicates a need for service.
18. Do not attempt to service beyond that described in the operating instructions. All other service should be referred to qualified service personnel.
  19. When replacement parts are required, be sure the service technician has used replacement parts specified by McIntosh or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
  20. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

### Introduction

The McIntosh PC-4 Power Control provides automatic heavy duty power control of McIntosh Components in a system.

### Performance Features

#### • Switched Accessory Outlets

These outlets will turn on whenever the system turns on and can be used to supply power to accessory audio components.

#### • Unswitched Outlet

The unswitched outlet stays on as long as the main PC-4 power cord is plugged into a live AC outlet.

#### • Built-in Spike Protector

Components connected to the PC-4 are protected from potentially damaging line voltage spikes.

#### • Telephone Protection

An Input and Output are provided to connect a telephone so it is protected from damaging voltage spikes.

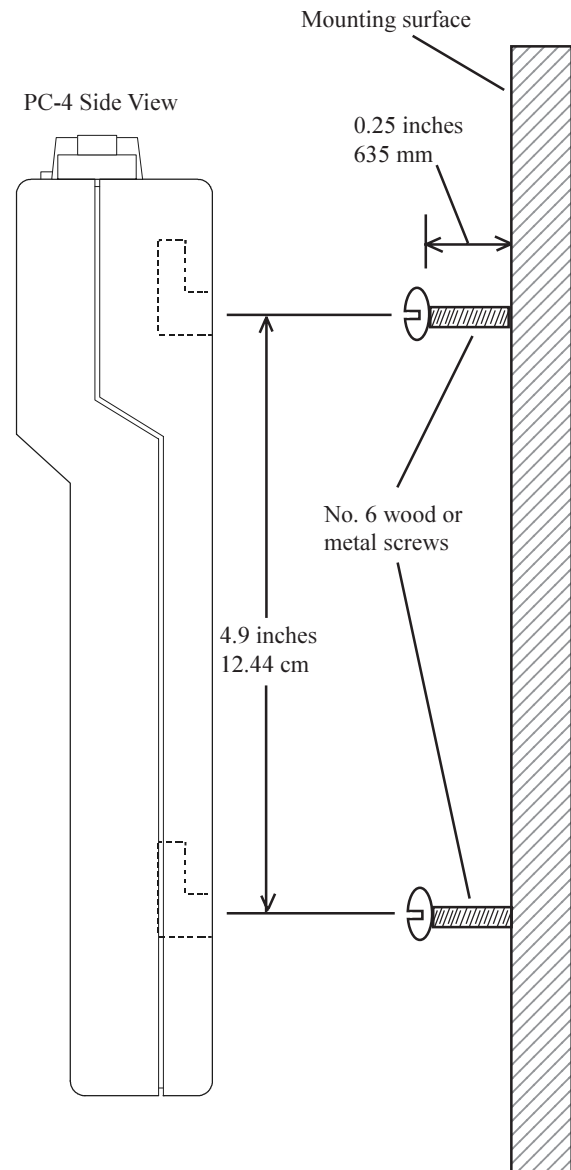
#### • LED Indicators

A Red LED indicates when the switched outlets are on, and Green LED indicates Transient Protection Status.

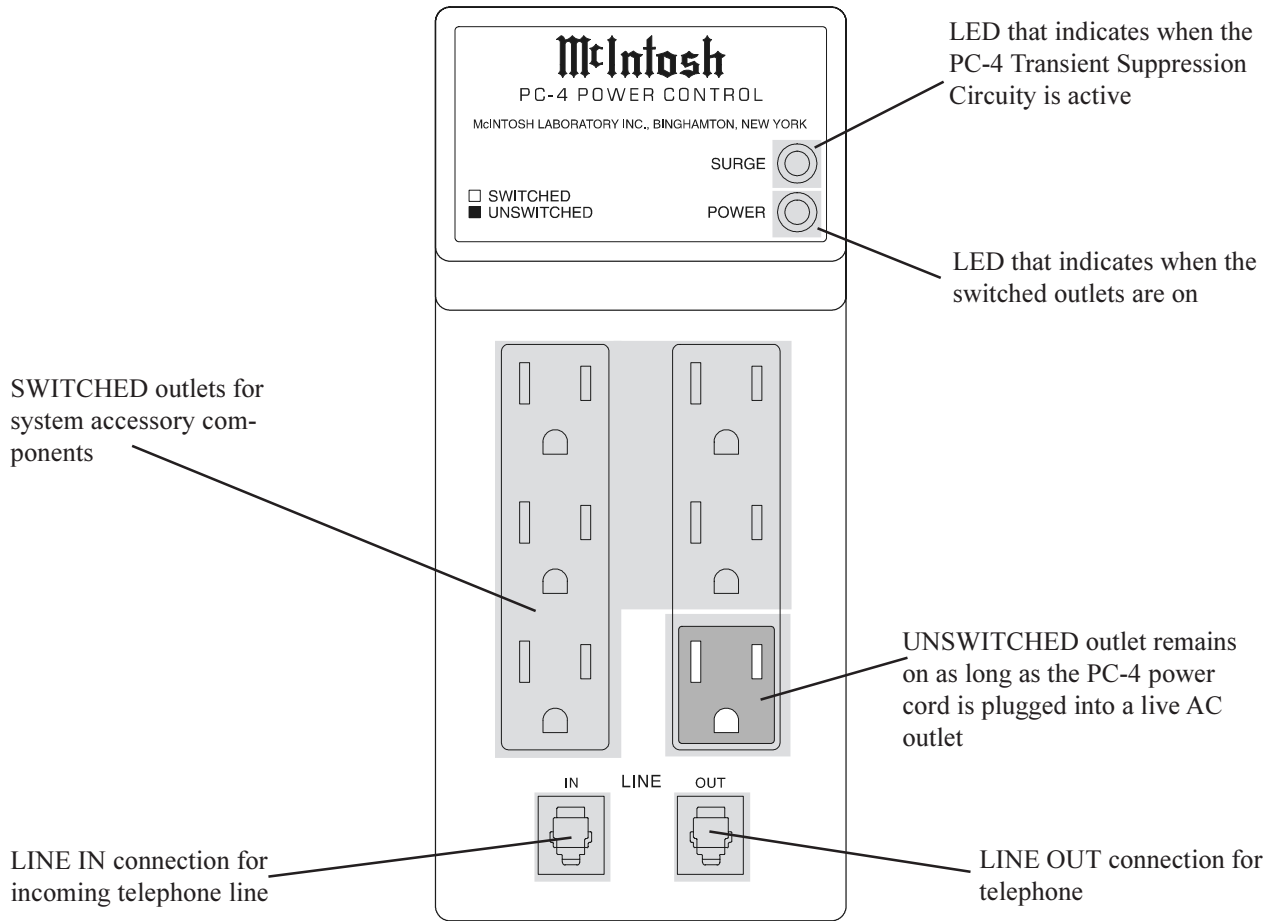
### Installation

The PC-4 can be placed on a table or shelf. Cool operation ensures the longest possible operating life for any electronic instrument. Do not install the PC-4 directly above a heat generating component such as a high powered amplifier. Consideration should be given to allow for easy access of the PC-4 for connection of the AC Power Cords coming from other components.

The PC-4 can be secured to a wall, shelf or cabinet by hooking its back panel slots over the heads of two No. 6 wood screws or metal screws. The mounting centers for the screws or bolts should correspond to the spacing of the slots. Allow approximately 0.25 inches of the screw to extend out in order to allow the PC-4 back panel slots to fit over the screw heads.

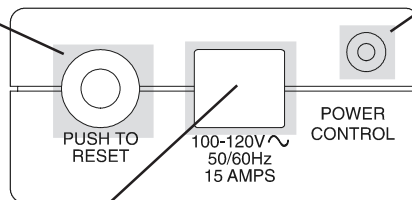


## Front Panel Connections and Display End Panel Push-Button and Connections



RESET resets the internal circuit breaker in the event that it was tripped by a current overload from a connected component

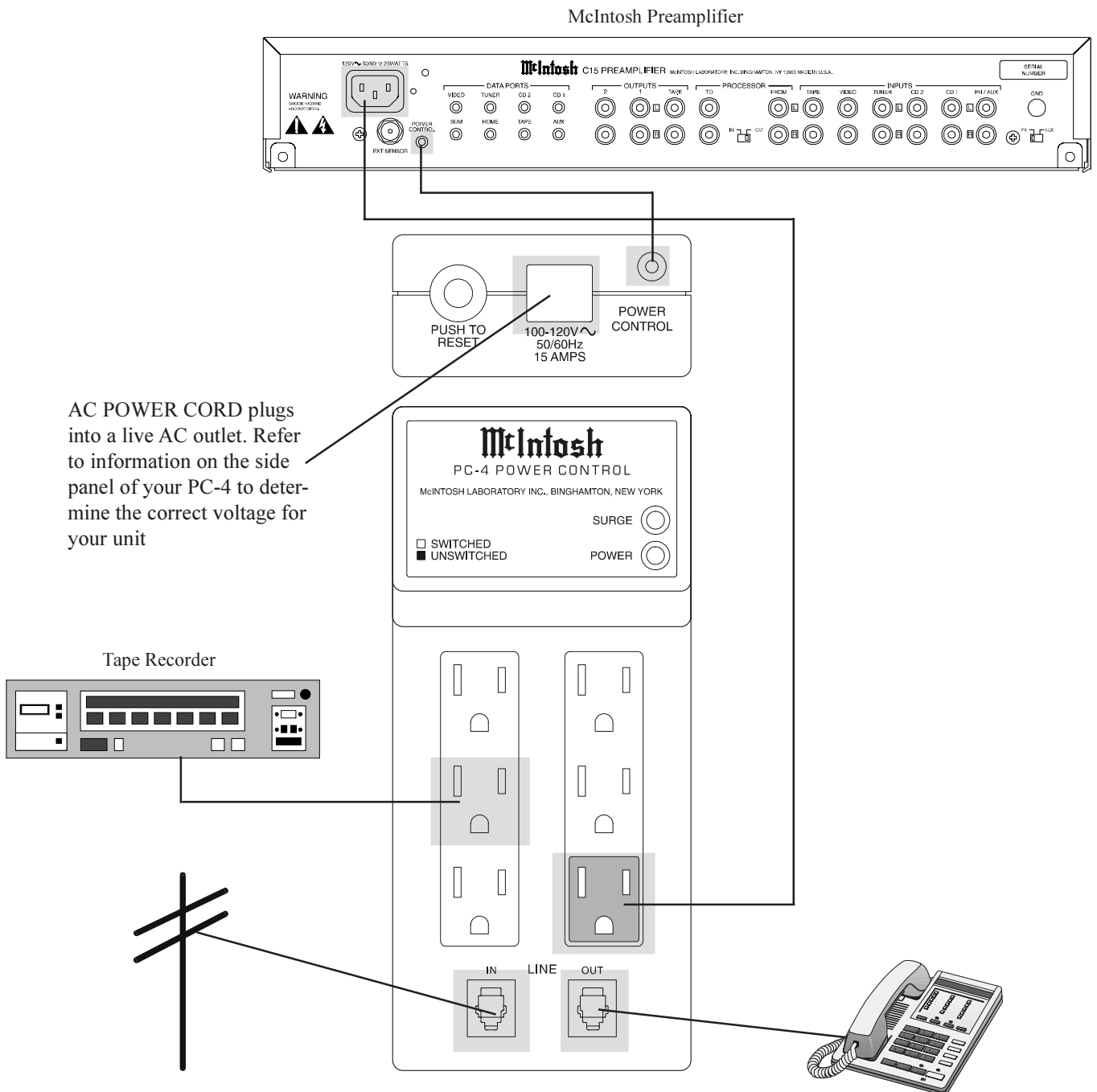
POWER CONTROL connects to a McIntosh Preamplifier, Control Center, Integrated Amplifier or Multizone System Controller



AC POWER CORD plugs into a live AC outlet. Refer to information on the end panel of your PC-4 to determine the correct voltage for your unit

## How to Connect

1. Connect the PC-4 Power Cord to a live AC outlet that is capable of supplying 15 amperes at 100-120 volts.
2. Connect a Power Cable from a McIntosh Preamplifier, Control Center, Integrated Amplifier or Multizone System Controller to the PC-4 unswitched AC outlet.
3. Connect accessory component power cords to the switched PC-4 AC outlets.
4. Connect a Power Control cable from a McIntosh Preamplifier, Control Center, Integrated Amplifier or Multizone System Controller Out jack to the PC-4 POWER CONTROL jack.
5. Connect LINE IN to incoming telephone line and the LINE OUT to the telephone.



### Important Operation Information

#### Unswitched AC Outlet

The unswitched outlet stays on as long as the PC-4 main power cord is connected to a live outlet and is to be used for a component that needs AC power at all times such as a McIntosh Preamplifier, Integrated Amplifier, Control Center or Multizone System Controller.

#### Switched AC Outlet

When a McIntosh Preamplifier, Integrated Amplifier, Control Center or Multizone System Controller turns on, the PC-4 Switched AC outlets will also turn on.

#### Telephone Protection

When an incoming telephone line and a telephone are connected to the PC-4 Line jacks, the telephone is protected from potentially damaging line voltage spikes.

#### LED Indicators

The green Surge LED will stay on continuously to indicate that the spike protection circuits are still active. If this LED does not light, the protection circuits may have been damaged, and you should immediately contact your McIntosh dealer for assistance. The RED lights whenever the Switched outlets are live. Refer to Figure one.

#### Power Control

Connect a shielded control cable with 1/8 inch mini phone plugs on each end to the Power Control Out of a McIntosh component. When the component turns on, a control signal is sent to the PC-4 that will turn on the Switched AC outlets.

### Specifications

#### Power Capacity

100-120 Volts, 50/60Hz 15 Amps

#### Power Requirements

100-120 Volts, 50/60Hz at 5 watts

#### Dimensions

1.6 inches (4.06cm) Wide, 1.25 inches (3.18cm) High, 7.38 inches (18.75cm) depth

#### Weight

1.15 pounds (522g) net, 3 pounds (1.36Kg) shipping

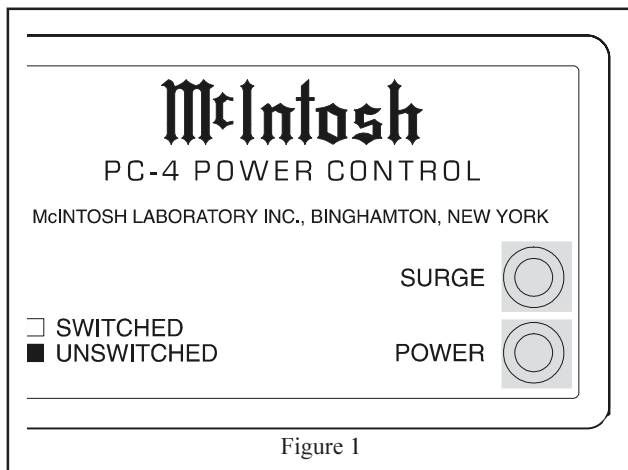


Figure 1

#### Circuit Breaker

The circuit breaker provides protection against a current overload from a component connected to any of the PC-4 outlets. Reset by pressing in on the breaker pushbutton, located on the end panel.

**McIntosh<sup>®</sup>**

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