

MONSTER POWER[®]



PRO 7000

Professional Reference PowerSource™
with Dual Balanced Pure Power™

Owner's Manual

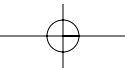
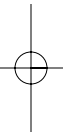
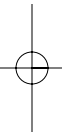
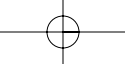


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IMPORTANT SAFETY PRECAUTIONS

Please read and observe the following safety points at all times.

WARNING - Power Sources

Do not plug your Monster PowerSource into a power outlet that differs from the source indicated for safe use on the Monster PowerSource. If you don't know the type of electrical power that is supplied to your place of business, please consult your local power company.

WARNING - Grounding and Polarization

A. Your Monster PowerSource has a three-wire grounding-type AC plug (a three-prong plug).

This plug is designed to be inserted into a grounding-type outlet only. If this plug doesn't fit directly into your outlet, do not attempt to force it. [Never attempt to dismantle the plug in any way (or to alter an extension cord) to make it fit into a two-prong outlet. Do not attempt to defeat the grounding feature by using a 3-to-2 prong adapter. Instead, call a local electrician to install a properly grounded outlet.]

B. If you use rooftop devices such as Satellite dishes, antennas, or any other component with wire that connects to your PowerSource, be sure the wire(s) is properly grounded. Use grounding techniques specified in Section 810 of the National Electrical Code (NEC), ANSI/NFPA 70 (in Canada, Part 1 of the Canadian Electrical Code). This protects against harmful voltage surges and static discharges. Do not place any part of an antenna near overhead power lines, or any other power circuit. Do not touch any power line or power circuit. Doing so may cause severe physical injury and may result in death.

⚠ WARNING - Liquid: Avoiding Electrical Shocks

Do not operate your Monster PowerSource if liquid of any kind is spilled onto or inside the unit.

Do not operate your Monster PowerSource near rain or water that's spilled or openly exposed (e.g., bathtub, kitchen or bathroom sink).

⚠ WARNING - Power Cord Safety

A. When routing your Monster PowerSource AC power cord, do not place it near heavy foot traffic areas (e.g., hallways, doorways, and kitchen floors). Do not create a trip hazard with the power cord.

B. If your power cord's protective jacket begins to rip or fray, exposing the internal wiring, shielding, etc., disconnect it from the power source and discontinue use of the Monster PowerSource immediately. See the warranty section of this owner's manual (page 29).

⚠ WARNING - Proper Cleaning

In general, the only cleaning necessary for your Monster PowerSource is a light dusting.

Unplug your component from the wall outlet before cleaning it. Do not use any type of liquid or aerosol cleaners.

 **WARNING - Storm Precautions**

In the event of a lightning storm, immediately disconnect your Monster PowerSource from its power source. It's not necessary to disconnect any components from your Monster PowerSource.

 **WARNING - No User Serviceable Parts Inside**

If, for any reason, your Monster PowerCenter is not operating properly, do not remove any part of the unit (cover, etc.) for repair. Unplug the unit and consult this owner's manual for warranty and service information.

 **CAUTION - Exposure To Heat**

Do not expose your Monster PowerSource to direct sunlight or place it near wall heaters, space heaters, or any enclosed space prone to temperature increase (e.g., car trunk).

PROPER GROUNDING AND INSTALLATION TIPS

CAUTION - Proper Grounding

Monster PowerSource requires a properly grounded 3-wire outlet to protect connected equipment. If your AC outlet is improperly wired (no ground or reverse polarity), the green "SYSTEM GROUNDED" LED on the front panel of the Professional Reference PowerSource PRO 7000 will not light up.

Many older buildings are inadequately wired. It's very common for a building to be improperly grounded. Building wiring and grounding must conform to applicable NEC (USA) or CEC (Canada) codes. If you're not sure about the wiring, have it checked by a qualified electrician.

IMPORTANT NOTE- Proper Power and Protection

To completely deliver clean power and protect your equipment from electrical surges, every phone, coaxial cable, and AC power cord in your system must be connected to an appropriate Monster PowerSource outlet.

MONSTEROUS INTRODUCTION

Thank you for purchasing Monster Power's Professional Reference PowerSource™ PRO 7000. PowerSource products reflect Monster's commitment to creating performance-enhancing solutions for stage and studio, delivering superior tone and sound quality.

Ordinary AC power accessories may seriously compromise the equipment they power. The advanced technologies and innovative design of the PowerSource solves this problem and offers unique convenience and performance features.

While the PowerSource does an excellent job of protecting your components from harmful power surges, its main benefit goes beyond that. Exclusive Clean Power™ filter circuitry virtually stops noise in its tracks. Distortion that typically runs right through other surge protectors is attenuated. It simply isn't enough to only filter the noise on the incoming power line. That's why your PowerSource also features revolutionary separate isolation for digital, analog, and computer. If any internally-generated noise from an electronic product plugged into an outlet gets through our Clean Power™ noise filters, it still has to run through yet another filter! The result is high quality tone and sound that's free from performance-damaging interference.

MONSTER'S PATENTED CLEAN POWER STAGES

Each PowerSource has its own Clean Power™ stage. Clean Power™ performs two tasks that are vital to high-performance analog, computer and digital reproduction: filtration and isolation. The higher the Clean Power™ stage number, the more sophisticated and advanced the filters. Also, the higher the number, the greater the isolation *between* connected equipment for maximum component-generated noise rejection. In addition, the PRO 7000 features Clean Power™ Stage 5 with a pair of triple-shielded isolation transformers for the best possible performance.

What exactly is Clean Power™ Stage 5? It's five ultra-advanced isolation filters that include two separate digital filters to accommodate a pair of digital sources, plus analog, computer, and ultra-high-current audio filters for the best AC power line noise rejection and inter-component isolation making it ideal for studio and professional systems.

MONSTER'S CONFIGURABLE NOISE REDUCTION ISOLATION TRANSFORMERS

First, it's important to understand that the power company's 120V AC power is delivered unbalanced, with neutral connected to ground. Special triple-shielded isolation transformers were designed for the PRO 7000, configurable in two ways. A switch on the rear panel selects between the two Noise Reduction Modes.

Normal Isolation Mode disconnects or "floats" neutral from ground while knocking down noise with Clean Power Stage 5 filters. Balanced operation makes use of the Stage 5 filters, but activates a center tap on the transformer secondary output. For the technically-minded, "balanced" means the transformer outputs +60 to -60VAC (volts AC) with respect to ground. That's why Balanced isn't isolated from ground, and why, if your system isn't very carefully set up to eliminate ground currents, you may hear hum and buzz from your speakers. This is especially true for systems adding video to audio, where it's common to discover "dueling grounds". Balanced configuration *can* offer lower noise because of the topology's inherent noise-cancelling behavior, or CMR (Common Mode Rejection). Improvements from balanced running can be most easily perceived in complex CI installations using all-balanced power supplies.

MONSTER T2 TECHNOLOGY

The Monster Power Professional Reference PRO 7000 features Monster's exclusive T2 technology. T2 is an active electronic microprocessor-controlled circuitry that sits in front of the surge protection MOVs in Monster Power products. T2 monitors the line, neutral and ground lines and disconnects the Power Center (and so its outlets) from the AC power line when a *long duration* low voltage sag or high voltage swell occurs — that's *continuous* voltage below 80Vrms or above 132Vrms. (RMS stands for "root mean square" and describes average power delivery.)

When the voltage sags or swells to unsafe levels, lightening-fast T2 circuitry shuts down the Monster Power Center for 15 seconds, well before surge protection MOVs turn to mush! MOVs just aren't designed to endure long-duration over-voltage conditions.

When the sag or over-voltage condition clears, T2 reconnects the Power Center — and its outlets — after 15 seconds. If the fault condition does *not* clear, the T2 comparator circuit shuts the unit down again for 15 seconds before checking again.

Most power conditioners, including Monster, use thermal fuses to sense overload conditions as well. Although a good safety feature, by the time the thermal fuse pops, the MOVs will be totally cooked and work as well as a lima bean to absorb power line spikes. Once again, T2 to the rescue! Monster's unique circuitry shuts the power center down *before* the thermal fuse trips so the MOVs aren't trashed.

BEHIND THE MONSTER POWERSOURCE DESIGN



Richard Marsh – There are few experts able to solve the complex problems of AC power, and Richard Marsh is one of the illustrious few. He’s designed best-selling power conditioners costing more than \$3,000, and now brings his expertise to Monster Power. Richard developed Monster’s exclusive Clean Power circuitry, and several other groundbreaking designs. Richard’s background and research into amplifier and capacitors led to the development of the Servo-DC feedback circuit for power amplifiers — a technique used by virtually every manufacturer today. His status as the inventor of the MultiCap internal bypass capacitor and the driving force behind balanced circuitry, has influenced the audiophile community for years. Richard is also responsible for some of high-end audio’s most respected essays and articles, and has contributed to *Fi*, *The Absolute Sound* and *Audio* magazine. He’s even included in *Who’s Who in the West!*

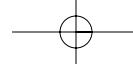


Noel Lee – Noel Lee is best known for popularizing the concept of high performance audio cable over 20 years ago with his creation of Monster Cable. Originally a laser-fusion design engineer at Lawrence Livermore National Laboratory and later a touring musician, Noel has invented or co-invented over 125 U.S. and international patents and drives the explosive growth of The Monster Group into more than 80 countries worldwide. Monster Power is his realization of a long-nurtured vision of making affordable power solutions that deliver the best possible sound and picture.

MONSTER CHECKLIST

Before you do anything, make sure you have all the components you need to enjoy your new high performance Monster PowerSource. You'll need the following items to get started:

- 1) This owner's manual.
- 2) Your favorite pen or a computer with an Internet browser (to register your Monster warranty information).
- 3) One Monster Power Professional Reference PowerSource PRO 7000.



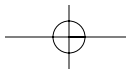
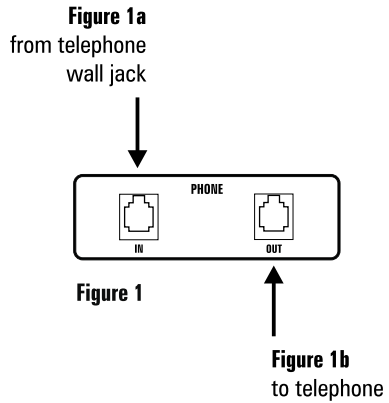
HOOKUP GUIDE

STEP 1 Phone Line Hookup

The PowerSource has facilities to protect a single phone line.

FOR STANDARD TELEPHONE LINE PROTECTION

- A) Connect a phone cable from a telephone wall jack to the PRO 7000 IN jack (figure 1a).
- B) Connect a second phone cable from the PRO 7000 OUT jack to the telephone (figure 1b).



Step 2 Outlet Programming

All PowerSource outlets on the rear panel are programmable. To set up each outlet pair, use the front panel MENU and SET buttons to choose between SWITCHED ON, SWITCHED ON AFTER DELAY and UNSWITCHED (Always On) independently for each outlet pair. You can change the settings, whenever you like. Using the outlet pair labeled ANALOG FILTER as an example, the following diagrams illustrate how it's done:

- A)** Power up the PowerSource: Press the ON/OFF switch one time to power the unit and start the process. Once the PowerSource is on, the display will show the AC line voltage as in figure 2.

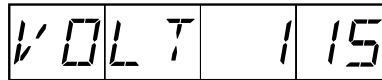


Figure 2

Note: The power-on process may take up to 60 seconds since any outlet pair can be configured as SWITCHED ON AFTER DELAY. You can see any outlet pair's power status LED on the front panel (refer to page 18)

- B)** Set Outlet Pair to SWITCHED ON: Press MENU until the second line display shows the status of the ANALOG outlet pair. Press the SET button until the time delay changes to 0 (zero), as in figure 3.

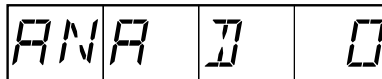


Figure 3

The 0 (zero) time delay setting indicates SWITCHED ON mode for the ANALOG outlet pair. This pair will be live once the PowerSource is powered up by pressing the front panel ON/OFF button, or triggered by an external signal.

- C) Set the Outlet Pair to SWITCHED ON AFTER DELAY: Press MENU until the display shows the status of the Analog outlet pair. Press the SET button until the time delay changes to the required delay in seconds before the outlet pair will turn on after the ON/OFF button is pressed, as in figure 4.

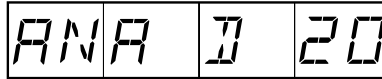


Figure 4

When the PowerSource is SWITCHED ON by pressing the front panel ON/OFF button, or by an external trigger signal, the outlet pair will go “live” after the time delay set as described above—20 seconds in this case. The outlet pair with the maximum time delay setting will still turn off immediately when the ON/OFF button is pressed, or when triggered by an external signal.

- D) Set the Outlet Pair to UNSWITCHED (Always On): Press the MENU button until the display shows the status of the Analog outlet pair. Press the SET button until you see the display in figure 5.

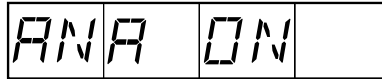


Figure 5

Once UNSWITCHED is selected, any component plugged into those outlets will receive power continuously as long as your PowerSource is plugged into a 120 volt wall socket.

Note: The unit is shipped with all outlet pairs set to SWITCHED ON.

Step 3 Over- and Under-Voltage Audible Alarm Setting

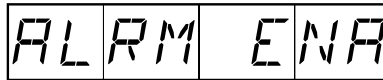
This feature enables or disables the audible alarm indicating an abnormal line voltage condition. When set to ENABLE, the unit will sound an alarm when the line voltage tops 130V or drops below 100V.

- A) Press MENU until the displays shows the alarm setting, as in figure 6:
- B) Press SET to toggle between ENABLE and DISABLE, as in figure 7.



ALRM 015

Figure 6



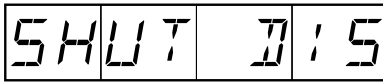
ALRM ENA

Figure 7

Step 4 Over- and Under-Voltage Automatic Shutdown Setting

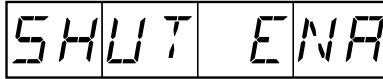
This feature enables or disables the automatic shutdown feature for abnormal line voltage. When set to ENABLE, the unit will shut itself down whenever the line voltage tops 134V or drops below 96V.

- A) Press MENU until the display shows:



S	H	U	T		D	I	S
---	---	---	---	--	---	---	---

Figure 8



S	H	U	T		E	N	A
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Figure 9

- B) Press SET to toggle between ENABLE and DISABLE as in figure 8 and 9.

Step 5 Remote AC Control Hookup

This feature allows your PowerSource to be turned on or off by a component with a switched 120V output.

- A) Insert the (included) Remote AC Control Cord's female plug into your PowerSource REMOTE IN AC 120V jack (see diagram below).
- B) Insert the Remote AC Control Cord's 2-prong male plug into a switched AC power outlet on your receiver or preamplifier. When you turn this device on, the outlets programmed as SWITCHED ON in the PowerSource will turn on immediately. The outlets programmed as SWITCHED ON AFTER DELAY will turn on after the set time delay.

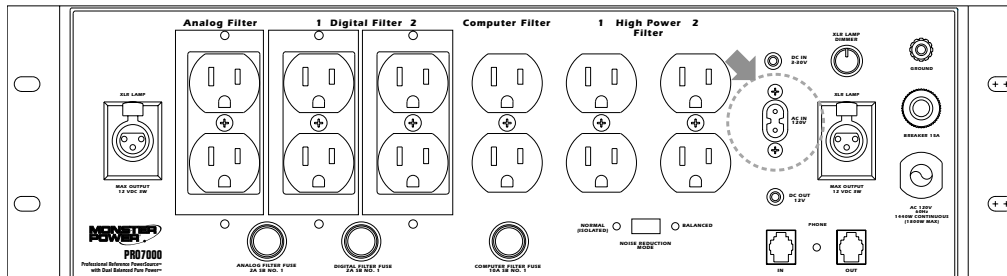


Illustration of rear panel showing remote in AC 120V

Step 6 Remote DC Control Hookup

This feature allows your PowerSource to be turned on and off with an Automatic Switching Control. A component that shouldn't be powered on constantly (such as an amplifier) can be plugged into one of the SWITCHED ON AFTER DELAY outlets and activated when needed. This feature also allows the DC low-voltage cable to control multiple PowerSources.

- A) Plug a 1/8" mini-plug cable into the REMOTE IN DC 3 - 30V outlet on the PowerSource (see diagram below).
- B) Plug the other end of the cable into the corresponding outlet on a component with a 12V trigger output. When powered up, the PowerSource's outlets programmed as SWITCHED ON will power on immediately. The outlets programmed as SWITCHED ON AFTER DELAY will power on after the set delay.

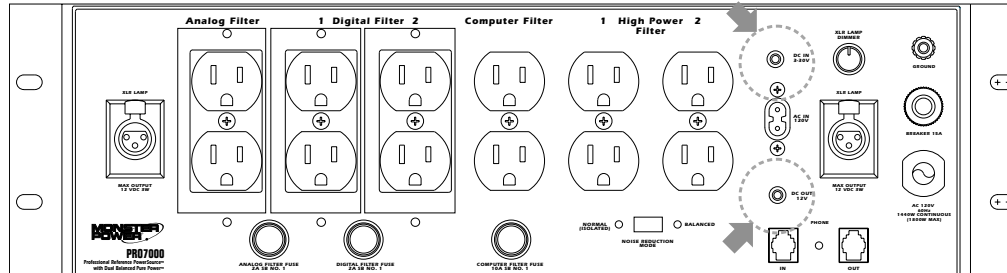


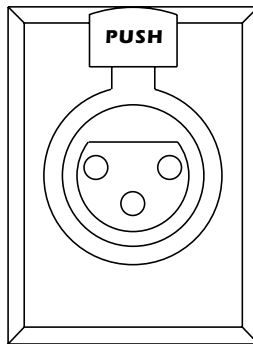
Illustration of rear panel showing remote in DC 3-30V

Step 7 XLR Jack Hookup

NOTE: You'll need an additional Monster XLR light to connect to the PRO 7000's XLR light Jack.

Use the dimmer knob to control light intensity. To remove the Monster® XLR light from the XLR Jack, press the PUSH tab, and gently pull on the metal housing of the XLR plug.

XLR LAMP



Step 8 High Power AC Outlet Hookup

Isolated Clean Power Stage 5 Ultra High Power Filter: Optimized for extreme noise rejection, provides extreme current to high power audio components.

NOTE: These outlets are designed to deliver extreme power to power-hungry components such as amplifiers and receivers.

You may want to program these outlets to be SWITCHED ON AFTER DELAY (see page 8, fig. 4) which enables sequential power activation. Power amplifiers can then be turned on last and turned off first to prevent speaker "thump". See "Step 2: Outlet Programming" (page 7) for details.

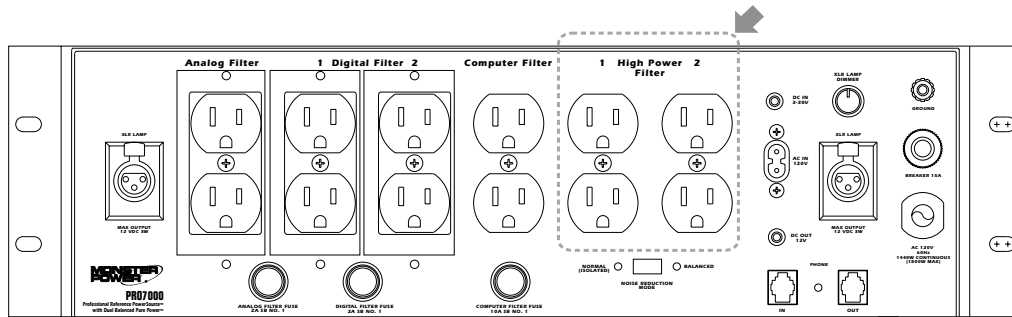


Illustration of rear panel showing High Power 1 and 2

Step 9 Computer AC Outlet Hookup

Isolated Clean Power Stage 5 Computer Filter: Optimized to reduce noise generated by computer equipment. Isolates computer signals from connected digital and analog components for maximum rejection of interference.

NOTE: You may want to program these outlets to be UNSWITCHED (see page 8, fig.5) as some components perform best when powered continuously. Whether the PowerSource is on or off, any component plugged into these outlets will receive power continuously as long as it's plugged into a properly grounded 120 volt wall socket, and programmed as UNSWITCHED. You can plug any type of analog component into these two Computer AC outlets.

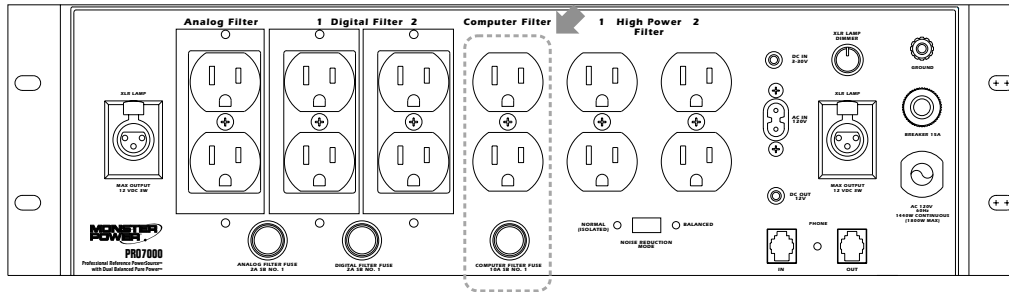


Illustration of rear panel showing Computer Filter

Step 10 Digital 1 & 2 AC Outlet Hookup

Isolated Clean Power Stage 5 Digital Filter: Optimized to reduce noise generated by digital components. Also isolates digital signals from other connected digital, analog audio and video for maximum rejection of interference. The PRO 7000 features two isolated filters to accommodate a pair of digital sources.

NOTE: You can plug any type of digital component (Digital Multitrack, DAT Machine, Minidisk, Digital Signal Processor, or Recorder) into these outlets.

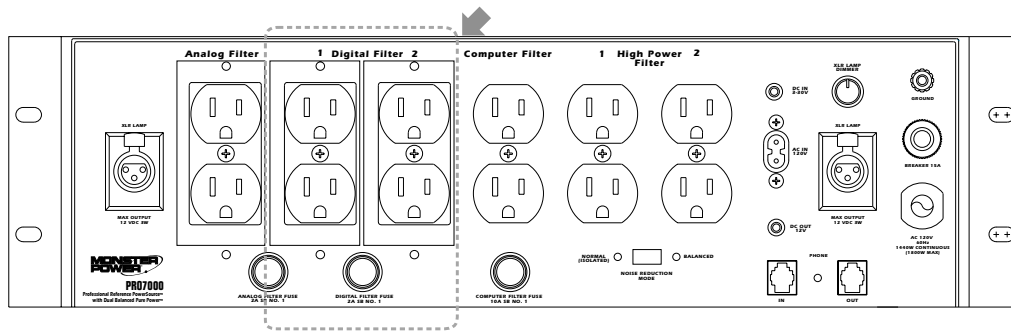


Illustration of rear panel showing Digital Filter 1 and 2

Step 11 Analog AC Outlet Hookup

Isolated Clean Power Stage 5 Analog Filter: Optimized to provide maximum noise rejection for sensitive analog components.

NOTE: Because certain components shouldn't be turned on continuously, program these outlets to SWITCHED ON (see page 7, fig. 3). These components will receive power when your PowerSource is turned on, and lose it when the PowerSource is turned off.

Plug any type of low-current analog component (preamplifier) into these outlets.

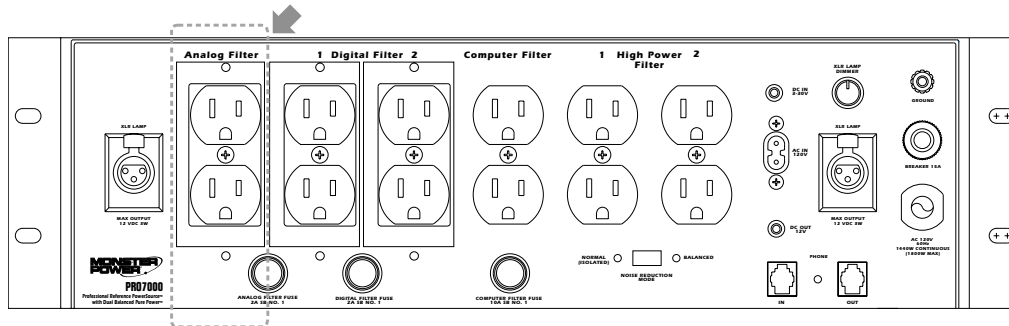
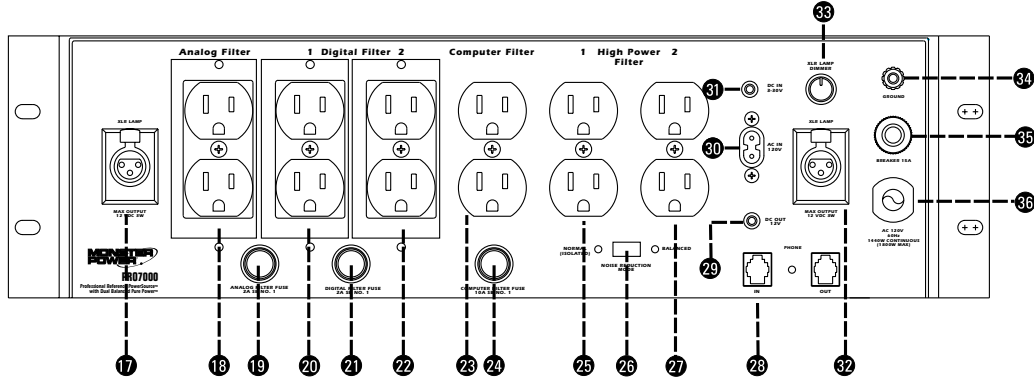
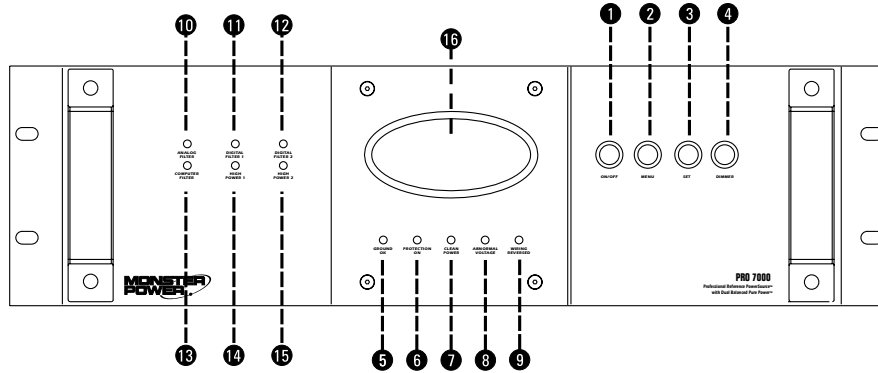


Illustration of rear panel showing Analog Filter

MONSTER PRO 7000 FEATURES

PLEASE TURN TO PAGE 19-22 FOR DESCRIPTION OF PRODUCT FEATURES




PRO 7000 FEATURES

NUMBERS REFER TO ILLUSTRATION ON PAGE 18

INDEX DRAWINGS


1. **On/Off Button:** Press to supply AC power to outlets programmed as SWITCHED ON or SWITCHED ON AFTER DELAY. Press again to shut these outlets off.
2. **Menu Button:** Press to begin programming mode.
3. **Set Button:** Press to set parameters or options selected by the MENU button.
4. **Dimmer Button:** Dims the alphanumeric display.
5. **Grounded OK LED Indicator:** Indicates the PowerSource is plugged into a properly grounded 120V AC outlet.
6. **Protection ON LED Indicator:** Indicates the Monster Power Surge Protection Circuitry is functioning properly.
7. **Clean Power LED Indicator:** Indicates the PowerSource is on.
8. **Abnormal Voltage LED Indicator:** Indicates abnormal line voltage. Turn the PRO7000 off to protect the PowerSource and the components plugged into it from this condition. If the AUTO SHUT OFF setting is enabled, the unit will automatically shut down when sensing an abnormal voltage condition.
9. **Wiring Reversed LED Indicator:** Indicates if the Line and Neutral wires from the wall outlet to the PowerSource are reversed. Please consult your electrician to correct this immediately.
10. **Analog Filter LED Indicator:** Indicates the ANALOG FILTER outlet pair has power.

NUMBERS REFER TO DRAWINGS ON PAGE 18

11. **Digital Filter 1 LED Indicator:** Indicates the DIGITAL FILTER 1 outlet pair has power.
12. **Digital Filter 2 LED Indicator:** Indicates the DIGITAL FILTER 2 outlet pair has power.
13. **Computer Filter LED Indicator:** Indicates the COMPUTER FILTER outlet pair has power.
14. **High Power LED Indicator:** Indicates the HIGH POWER 1 outlet pair has power.
15. **High Power LED Indicator:** Indicates the HIGH POWER 2 outlet pair has power.
16. **Alphanumeric Display:** In normal operation, the eight-character 2-line LED alphanumeric display indicates voltage and current. In programming mode, the second line displays options and settings.
17. **XLR Jack:** For connecting a Monster XLR lamp.
18. **Analog Filter Outlet:** For low-current analog components such as preamplifiers and mixer. Special filter circuits reduce noise from the AC power line that would normally degrade analog performance. High quality GFI (Ground Fault Indicator) outlets permit Isolated (ground-lifted) or Balanced (grounded) Noise Reduction Mode transformer operation.
 **NOTE:** Computer or digital equipment will not be harmed if connected to the analog outlet. However, for best performance, we recommend using only low-current analog components with these outlets.


NUMBERS REFER TO DRAWINGS ON PAGE 18

19. **Analog Filter Fuse:** 2A slow-blow fuse protects the ANALOG FILTER from power overload. Replace only with same type/rating fuse.
20. **Digital Filter 1 Outlets:** For digital components such as Digital Multitrack, DAT Machine, Minidisk, Digital Signal Processor, or Recorder. This special filter circuit reduces interference from other connected components and prevents digital noise from contaminating the rest of your system. High quality GFI (Ground Fault Indicator) outlets permit Balanced (grounded) transformer operation or Isolated (ground-lifted) Noise Reduction Mode transformer operation.
21. **Digital Fuse:** 2A slow-blow fuse protects DIGITAL FILTER 1 and DIGITAL FILTER 2 from power overload. Replace only with the same type/rating fuse.
22. **Digital Filter 2 Outlets:** For digital components such as Digital Multitrack, DAT Machine, Minidisk, Digital Signal Processor, or Recorder. This special filter circuit reduces interference from other connected components and prevents digital noise from contaminating the rest of your system. High quality GFI (Ground Fault Indicator) outlets permit Balanced (grounded) transformer operation or Isolated (ground-lifted) Noise Reduction Mode transformer operation.
23. **Computer Filter Outlets:** A special filter circuit reduces interference such as wide-band digital noise that can degrade computer performance.


 **NOTE:** Digital or low-current audio equipment will not be harmed if connected to the computer outlet section. However, for best performance we recommend using only computer components with these outlets.

NUMBERS REFER TO DRAWINGS ON PAGE 18

24. **Computer Filter Fuse:** 10A slow-blow fuse protects the COMPUTER FILTER from power overload. Replace only with the same type/rating fuse.
25. **High Power Filter 1 Outlets:** Optimized for high-current analog components such as subwoofers or a main amplifier, special filter circuits reduce noise from the AC power line that normally degrades analog performance.


 **NOTE:** Digital or low-current analog equipment will not be harmed if connected to the high power outlet. However, for best performance, we recommend using only high-current analog components with these outlets.

26. **Noise Reduction Mode Switch:** Default position for this switch is Normal Isolated for Clean Power Stage 5 filtering and ground-lifted Noise Reduction Mode transformer operation. Balanced setting offers Stage 5 Clean Power filtering and ground-referenced Noise Reduction Mode transformer operation.

 **NOTE:** The switch effects all three GFI (Ground Fault Indicator) outlet pairs; Analog, Digital 1 and Digital 2. A small screwdriver is needed to change the default setting as shipped from the factory (Normal Isolated Mode).

NUMBERS REFER TO DRAWINGS ON PAGE 18

- 27. High Power Filter 2 Outlets:** Optimized for high-current analog components such as surround amplifiers or Receivers, special filter circuits reduce noise from the AC power line that would normally degrade PRO equipment performance.

 **NOTE:** Digital or low-current PRO equipment will not be harmed if connected to the high power outlet section. However, for best performance, we recommend using only high-current PRO components into these outlets.

- 28. Phone Line Input/Output:** Input connects a telephone/computer line wall socket, output connects a surge-protected line to the selected device.
- 29. 1/8th inch Mini-Plug Output for Remote DC Hookup:** Enables remote control of an external device.
- 30. Remote AC Hookup:** Connects to a switched outlet on an external device: Enables remote control of the PowerSource.

NUMBERS REFER TO DRAWINGS ON PAGE 18

- 31. 1/8th inch Mini-Plug Input for Remote DC Hookup:** Enables remote control of the PowerSource outlets. Accepts DC 3 – 30 volts.
- 32. XLR Jack:** For connecting a Monster XLR lamp.
- 33. Lamp Dimmer:** For dimming both the Monster XLR lamps.
- 34. Ground Post:** Provides a ground reference point for ungrounded components.
- 35. Thermal Circuit Breaker:** Protects the PowerSource from power overloads.
- 36. Extra-long 8 ft. PL300 Ultra High Current Powerline Power Cord:** For maximum high quality power delivery.

TROUBLESHOOTING

PROBLEM – The PRO 7000 is not receiving power.

Possible Cause #1:

The PowerSource is not turned on.

Possible Solutions:

- *Press the ON/OFF button on the PowerSource.*
- *Make sure the AC power cord is plugged into a properly grounded 120V wall outlet.*

Possible Cause #2:

Too many devices are connected to the PowerSource causing an overload and tripping the thermal circuit breaker. Please note that the total power consumption of all the components plugged into the PowerSource should not exceed 1800 watts.

Possible Solutions:

- *Press the thermal circuit breaker button labeled BREAKER 15A on the back panel of the PowerSource to reset.*
- *Allow 10 minutes from the time the circuit breaker is initially tripped before attempting to reset it. If reset too quickly, the breaker may sense a power overload and prevent the unit from operating.*
- *Disconnect any component that may overload the PowerSource.*

TROUBLESHOOTING

Possible Cause #3:

The power cord from the PowerSource is plugged into an outlet on the back of a component that is not turned on.

Possible Solution:

- *Turn on the component.*

NOTE: For the best possible performance, plug the PowerSource into a wall outlet, not an outlet on another component.

PROBLEM – The PowerSource is not providing power to connected components.

Possible Cause #1:

The component is plugged into an outlet programmed as *SWITCHED ON* or *SWITCHED ON AFTER DELAY* and the PowerSource has not been turned on.

Possible Solutions:

- *Press the ON/OFF button on the PowerSource. The components plugged into its outlets programmed as SWITCHED ON should turn on immediately.*
- *Press the ON/OFF button for the components plugged into the PowerSource outlets programmed as SWITCHED ON AFTER DELAY to turn on.*
- *Plug the component into an outlet programmed as UNSWITCHED.*

TROUBLESHOOTING

Possible Cause #2:

The PowerSource is plugged into a switched outlet on a component that's not turned on, so it's not getting power and won't provide power to the components plugged into its outlets.

Possible Solution:

- *Turn on the component.*

NOTE: For the best possible performance, plug the PowerSource into a wall outlet, not an outlet on another component.

PROBLEM – The speakers hum or buzz.

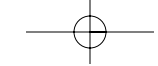
Possible Cause:

The PowerSource is sharing AC power with equipment that's not properly grounded.

Possible Solution:

Possible Solution:

- *Connect your PowerSource to a dedicated outlet.*



TROUBLESHOOTING

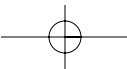
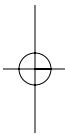
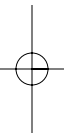
PROBLEM – The “GROUND OK” LED is off.

Possible Cause:

The PowerSource is not plugged into a properly grounded AC outlet.

Possible Solution:

- *Plug the PowerSource into a properly grounded 120V outlet.*



FREQUENTLY ASKED QUESTIONS

Q. What is the importance of component-to-component filtering?

A. With Monster PowerSource technology, AC power is improved by noise filtering that isolates your equipment from interference riding the AC line. Most other manufacturers just stop there, but Monster keeps going! The next crucial step of filtering occurs *between* connected components. Our patent-pending component-to-component noise filtering is one of the most innovative features of the PowerSource — it protects internally-generated equipment noise from “reaching out” and degrading the performance of other equipment! An inherently noisy component like a computer won’t radiate digital noise into other connected equipment because the noise is eliminated with specialized filters that separate adjacent outlets. Eliminating noise from the AC power line *and* from various system components yields the best possible sound and picture.

Q. Does it matter into which outlets I plug my components?

A. For the most part, yes. Each group of outlets are specially designed to protect and maximize performance of the components they’re intended to power. For example, a power amplifier is a high-current device and has a special PowerSource audio filter that allows for greater power transfer while reducing noise from the AC power line. A digital signal processor is *not* a high-current device so its filter attenuates a wider band of noise specific to digital components. It won’t hurt plugging digital components into high current outlets, or analog into video outlets, but for maximum performance, each class of component makes best use of the specialized noise filtering based on their inherent needs and differences.

Q. Will it damage a component if plugged into a PowerSource outlet that's not designed for it, like putting a high-power amplifier into a Mixer/Preamplifier outlet?

A. No. However, as mentioned, you may not realize the full performance potential of the component.

Q. If my PowerSource stops operating, what should I do?

A. First check the reset button labeled BREAKER 15A on the rear panel of the PowerSource. It's possible an overload condition can be caused by high-powered audio equipment. If your amplifiers draw *too* much power, a special circuit breaker may be tripped. To restore operation, wait 10 minutes and press the reset button. If power is still not restored, refer to page 24 and read through the related troubleshooting questions.

APPENDIX A

Glossary of Power-Related Terms

AC: Alternating Current.

Amp: An abbreviation for Ampere, a unit of electrical current or the rate of flow of electrons.

Balanced Mode: Noise Reduction with Clean Power Stage 5 filtering and a transformer configuration that references ground. Benefits include CMR (see below) for ultra-clean audio playback. May not, however, effectively rid A/V systems of hum, buzz, vertical or horizontal lines on a video projector, CRT or Plasma display.

Clean Power™: Exclusive Monster noise filtering. Attenuates unwanted interference caused by RFI, EMI, and internal component-generated noise.

CMR: An abbreviation for Common Mode Rejection. A technique using a fully-differential balanced power transformer configuration in the PRO 7000 PowerSource for cancelling noise on the AC power line.

CSA: An abbreviation for Canadian Standards Association. CSA has developed over 200 standards, including several for electrical and electronic products.

Current: The movement of electrons through a conductor.

DC: Direct Current.

Digital Noise: Electrical disturbances created by radiated high-frequency energy common to many digital circuits.

EMI: Electromagnetic Interference. Power line distortion caused by turn-on transients of various appliances and components that contribute to a degradation in performance of your A/V system.

Filter: A selective network of resistors, inductors, or capacitors which offers comparatively little resistance at certain frequencies, while blocking or attenuating other frequencies.

Ground: A point in an electrical system that references the AC power company's unbalanced neutral ground wire return.

Hertz (Hz): A unit of frequency equal to one cycle per second.

Joules: A rating commonly used to indicate energy storage, or the amount of electrical surge that can be absorbed by a surge suppressing device. The higher the joule rating, the more energy absorbed.

Normal Isolated Mode: The default power transformer configuration that cuts noise with Clean Power Stage 5 filtering and breaks the connection with ground. Effective at ridding many A/V systems of hum, buzz, vertical or horizontal lines on a projector, CRT or Plasma display.

Peak Current: The maximum current flow a device can handle without breaking down or shortening its published life specifications.

Power: The energy dissipated into a circuit or component.

Power Line: Two- or three-wire electric service from the utility to your place of business.

RFI: Radio Frequency Interference. Distortion that propagates into and interferes with the operation of electronic equipment in the radio frequency range.

Spike: An abrupt power line transient that distorts the AC waveform.

Surge: A large, sudden change of voltage or current, usually caused by a shorted or opened circuit.

Surge Protector: A device that protects components from high voltage peaks and transients.

Transient: A momentary surge on a signal or power line that distorts the AC waveform.

UL: Underwriters' Laboratories. An organization that establishes the safety standards of various types of equipment.

Video Noise: Electrical disturbances caused by a source extraneous to the signal in the video-frequency range.

Volt (V): Unit of measurement for the electromotive force. One volt is equivalent to the energy required to produce a current of one ampere through a resistance of one ohm.

Voltage: Electrical pressure, or the force required to flow current through an electrical conductor.

Voltage Rating: The maximum voltage which an electrical device or component can sustain without breaking down.

APPENDIX B

Thank you for purchasing this Monster Power Professional PowerCenter product. All Monster Power products are finely engineered and robustly manufactured to boost any system's performance beyond what you thought possible. And Monster proudly stands behind every one of its products, not something every company can say! - We know your Monster Power product will bring you tremendous satisfaction, outstanding performance and reliability.

LIMITED WARRANTY FOR CONSUMERS (United States)

Monster, LLC, 7251 Lake Mead Blvd West, 3d Floor, Las Vegas, NV, USA ("Monster") extends You this Limited Warranty. Statutory or common law may provide You with additional rights or remedies, which shall not be affected by this Limited Warranty.

DEFINITIONS

"Adequate Use" means use of the Product (i) in conformance with all applicable local, state or federal law, code or regulations (including without limitation building and/or electrical codes), (ii) in accordance with manufacturer recommendations and/or instructions in the materials and documentation that accompany the Product, (iii) with proper electrical grounding, (iv) with proper and direct connection between the Product and an AC power source that has protective grounding (excluding gas or diesel powered generators, and (viii) without a connection in a "daisy-chain" fashion to or with any extension cord, surge suppressor, power strip, uninterruptible power supply ("UPS") or other equipment.

"Authorized Dealer" means any distributor, reseller or retailer that (i) was duly authorized to do business in the jurisdiction where it sold the Product to You, (ii) was permitted to sell You the Product under the laws of the jurisdiction where You bought the Product, and (iii) sold You the Product new and in its original packaging.

“Formal Warranty Claim” means a claim made in accordance with the section “Formal Warranty Claims” herein.

“Product” means a Product listed in the Specifications Table below, and (iii) You bought from an Authorized Dealer new and in its original packaging.

“Product Defect” means an inadequacy of the Product that existed at the time when You received the Product from an Authorized Dealer and that causes a failure of the Product to perform in accordance with Monster’s documentation accompanying the Product, unless such failure has been caused completely or partly by (a) any use other than Adequate Use, (b) transportation, neglect, misuse or abuse by anyone other than Monster’s employees; (c) alteration, tampering or modification of the product by anyone; (e) accident; (f) maintenance or service of the Product by anyone other than a Monster employee; (g) exposure of the Product to sun, liquids, sand or other contaminants; or (h) acts outside the control of Monster, including without limitation acts of God, fire, storms (excluding lightning strikes), earthquake or flood.

“Warranty Period” means the time period during which Monster must have received Your Formal Warranty Claim. The different Warranty Periods related to Product Defects are defined in the Specifications Table below. The Warranty Period commences on the date when You purchased or received (whichever occurs later) the Product from an Authorized Dealer as evidenced by the Authorized Dealer’s invoice, sales receipt, or packing slip. If You do not have written proof of the date of purchase or receipt, then the Warranty Period commences three (3) months after the date when the Product left Monster’s or its factory as evidenced by Monster’s records. The Warranty Period ends after the time defined in the Specifications Table has expired or after You have transferred ownership of the Product, whichever occurs earlier.

“You” means the first individual person that purchased the Product in its original packaging from an Authorized Dealer. This Limited Warranty does not apply to persons or entities that bought the Product (i) in used or unpackaged form, (ii) for resale, lease or other commercial use, or (iii) from someone other than an Authorized Dealer.

SCOPE OF THIS LIMITED WARRANTY

PRODUCTS. If a Product contained a Product Defect when You bought it from an Authorized Dealer and Monster receives a Formal Warranty Claim from You before the end of the Warranty Period for Product Defects applicable to the affected Product, then Monster will provide You with one of the following remedies: Monster will (1) repair or, at Monster's sole discretion, replace the Product, or (2) refund to You the purchase price paid for the affected Product if repair or replacement is not commercially practicable or cannot be timely made. THE ABOVE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY OTHER WARRANTY ARISING FROM COURSE OF DEALING OR USAGE OF TRADE. NOTE: MONSTER DOES NOT ASSUME ANY LIABILITY FOR ANY INCIDENTAL, CONSEQUENTIAL OR INDIRECT DAMAGES

GENERAL PROVISIONS

CHOICE OF LAW/JURISDICTION. This Limited Warranty and any disputes arising out of or in connection with this Limited Warranty ("Disputes") shall be governed by the laws of the State of California, USA, excluding conflicts of law principles and excluding the Convention for the International Sale of Goods. The courts located in the State of California, USA shall have exclusive jurisdiction over any Disputes.

OTHER RIGHTS. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE AND WHICH SHALL NOT BE AFFECTED BY THIS LIMITED WARRANTY. THIS WARRANTY EXTENDS ONLY TO YOU AND CANNOT BE TRANSFERRED OR ASSIGNED.

REGISTRATION. Please register Your Product at www.monstercable.com/warranty. Failure to register will not diminish Your warranty rights.

SPECIFICATIONS TABLE

Product Model No.	Warranty Period for Product
Pro 800	Five (5) Years
Pro 1000	Five (5) Years
Pro 2000	Five (5) Years
Pro 2500	Five (5) Years
Pro 3500	Five (5) Years
Pro 5100	Five (5) Years
Pro 7000	Five (5) Years
Pro AVS2000	Two (2) Years

FORMAL WARRANTY CLAIM

HOW TO MAKE A CLAIM. In the event of a Product Defect, You must follow these instructions:

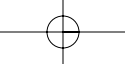
(1) Call 1-877-800-8989; (2) Give a detailed explanation of the Product Defect; (3) Obtain a Return Authorization Number; (4) Return the Products, shipping prepaid by You, to Monster for verification of damage, along with a copy of **Your original sales receipts and proof of purchase** (UPC label) for such Products, and printed Return Authorization Number on the outside of the return package (the claim form will include instructions for return).

FURTHER PROCEEDINGS. Monster will reimburse You for any shipping costs that You incurred in accordance with Monster's instructions and, at its discretion, either (a) direct You to obtain a repair estimate at a service center for the Product; or, (b) make a payment to You in accordance with the scope of this Limited Warranty.

TIMING. If You bring a Formal Warranty Claim and fully comply with all terms and conditions of this Limited Warranty, Monster will use its best efforts to provide You with a remedy within thirty (30) days after receipt of Your Formal Warranty Claim (if You reside in the United States - forty-five (45) days if You reside elsewhere), unless obstacles outside Monster's control delay the process.

Ver.092403.2 – US

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Register Your Product For Warranty Coverage

Please either complete and return this warranty registration by mail, or go to monstercable.com/warranty to register online

Name (please print) _____ Age _____

Address _____

City/State/Country _____

Zip/Postal Code _____ Email Address _____

Daytime Phone Number (with area and/or country code) _____

Evening Phone Number (with area and/or country code) _____

Name and Location of Dealer _____

Monster Power Model Purchased _____ Serial Number _____

Other Monster Power and/or Monster Cable Products Used _____

1. How did you hear about Monster Power?

- Salesperson Friend Newspaper/Magazine Advertisement Newspaper/Magazine Story or Review
- In-Store Display Other _____

2. Estimated value of your entire system?

- Under \$1,000 \$1,000–3,000 \$3,000–5,000 \$5,000–10,000 Over \$10,000

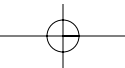
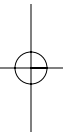
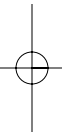
3. What is your favorite music?

- Classic Rock Alternative Classical R&B Rap Country New Age Instrumental Jazz Blues Pop Oldies
- Other _____

4. Did you buy this Monster PowerCenter with a new system or component? Yes No

Please see other side ►

Please Tear the Return Registration Card Out of the Manual Here



5. Was this Monster PowerCenter a gift? Yes No

6. What was the purchase price of this unit? _____

7. How would you describe your experience when purchasing this product?

- The salesperson was knowledgeable and helpful The salesperson was not knowledgeable about Monster Power products
 I knew exactly what I wanted and didn't need any help with my decision Not applicable Other _____

8. Approximately how many times have you purchased Monster Power products?

- This is the first time Two Three Four Five More than five

9. How would you describe Monster PowerCenter's contribution to your system?

- I never tried it any other way It made no difference at all I noticed a slight improvement I am impressed. It made a big improvement
 I can't believe it! Is this the same system?

10. What audio, video or music magazines do you read?

- Fi Magazine Stereophile Audio Stereo Review Home Theater Audio Video Interiors Video The Absolute Sound
 Stereophile's Guide to Home Theater Widescreen Review Other _____

11. Annual household income?

- Under \$25,000 \$25,000–50,000 \$51,000–100,000 Over \$100,000

12. Age? Under 18 18–34 34–49 49–59 59–69 69–79 Over 79

13. Have you made any purchases through the mail in the last twelve months? Yes No

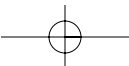
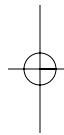
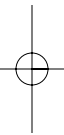
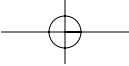
14. Male Female

15. Do you rent... DVDs Video Tapes Laser Discs

16. Do you buy... DVDs Video Tapes Laser Discs

17. If you could suggest a new Monster Power product or an improvement to one or more of our existing products, what would it be? _____

Please return warranty registration to: **Monster**
455 Valley Drive
Brisbane, CA 94005





Monster, LLC
7251 Lake Mead Blvd West, 3rd Floor • Las Vegas, NV 89128 • USA
Visit us on the web at: monsterpower.com

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