

MONSTER POWER®



Home Theatre
Reference
PowerCenter™
HTS 1000 MKII

Owner's Manual

Pour cinéma maison
PowerCenter™
HTS 1000 MKII
de référence

Guide de l'Utilisateur

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IMPORTANT SAFETY INFORMATION

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

WARNING – Power Sources

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

WARNING – Grounding and Polarization

- A. Your Monster PowerCenter 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 into the outlet. Instead, reverse the plug and reinsert it. If this doesn't work, contact a local electrician to install the proper polarized outlet. 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 Monster PowerCenter, be sure the wire(s) is properly grounded. This protects against voltage surges and static charges. 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 you severe physical injury and possibly result in death.

WARNING – Liquid: Avoiding Electrical Shocks

- A. Do not operate your Monster PowerCenter if liquid of any kind is spilled onto or inside the unit.
- B. Do not operate your Monster PowerCenter near rain or water that's spilled or contained (e.g., bathtub, kitchen or sink).

⚠ WARNING – Power Cord Safety

- A. When routing the AC power cord of the PowerCenter, do not place it near heavy foot traffic areas (e.g., hallways, doorways, and 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 PowerCenter immediately. See the Warranty Information section of this owner's manual for important details.

⚠ WARNING – Storm Precautions

In the event of a lightning storm, it's always a good idea to disconnect your Monster PowerCenter; there is no need to disconnect your separate components. Make sure that ALL of your components and PC products are protected with Monster Power.

⚠ WARNING – No User Serviceable Parts Inside

If, for any reason, your PowerCenter is not operating properly, do not remove any part of the unit (cover, etc.) for repair. Unplug the unit and consult the Warranty Information section of this owner's manual for important details.

⚠ CAUTION – Exposure To Heat

Do not expose your PowerCenter to direct sunlight or place it near wall heaters, space heaters, or any enclosed space prone to temperature increase.

⚠ CAUTION – Proper Cleaning

In general, the only cleaning necessary for your Monster PowerCenter is a light dusting. Unplug your component from the wall before cleaning it. Do not use any type of liquid or aerosol cleaners.

PROPER GROUNDING AND INSTALLATION

WARNING – Proper Grounding

The Monster PowerCenter requires a properly grounded outlet for safety and to protect connected equipment. If you're not sure if your home's electrical wiring has proper grounding, have it checked by a qualified electrician.

IMPORTANT NOTE – Proper Power and Protection

To completely protect your equipment against electrical surges, every AC power cable, coaxial cable, phone line and Ethernet line in the system must be connected to an appropriate PowerCenter.

IMPORTANT NOTE – Proper Protection and the Limited Connected Equipment Warranty

The U.S. \$250,000 Limited Connected Equipment warranty becomes invalid if any wire (AC, coax or phone) or audio or video interconnect leading into the equipment comes from a component that is not properly protected by the PowerCenter. See the Warranty Information section of this owner's manual for important details.

A NOTE FROM THE HEAD MONSTER

Dear Enthusiast,

THANK YOU for purchasing the Monster Power Home Theatre Reference HTS 1000 MKII PowerCenter. This PowerCenter reflects our commitment to creating performance-enhancing solutions for home theater systems, so you can enjoy superior sound and picture quality.

As a long-time audiophile and serious home theater enthusiast, I always knew problematic AC power could degrade picture and sound quality. Unfortunately, ordinary AC power accessories can compromise the performance of the components they power. So, I decided to address the issue. And, with the help of Richard Marsh and other power experts, Monster Power was born. This PowerCenter's advanced technology and innovative design provides several unique performance and convenience features. Here are the highlights...

Monster PowerCenters do an excellent job of protecting your components from harmful power surges, but its benefits include much more than just surge protection. The patented Monster Clean Power™ filter circuitry virtually stops the electromagnetic and radio frequency noise that goes right through typical surge protectors which can degrade sound and picture quality. In addition, your PowerCenter also features patented noise isolation circuits that separate audio and video outlets. The result is high quality sound and picture that's free from performance-damaging interference.



Noel Lee

Other Monster Power breakthroughs include patented Tri-Mode™ protection featuring an audible alarm. This feature automatically disconnects power from your electronics if you're hit by a big surge. We've also included surge-protected coax and phone/network connections to ensure protection for all of your components. Monster PowerCenters also feature a patent pending color-coding system, which identifies where each component should be connected.

These days, home theater components are better than ever, providing thrilling and dramatic sound and razor sharp picture. We know your new PowerCenter will help bring it all together with Clean Power and superior system protection. With Monster Power, you'll enjoy the best possible sound and picture. And, that's what home theater is all about.

A handwritten signature in black ink, appearing to read 'Noel Lee', with a stylized, cursive script.

Noel Lee,

The Head Monster

MONSTER'S PATENTED CLEAN POWER™ STAGES

Monster Clean Power performs two tasks that are vital to maintaining optimum home theater performance: 1) noise filtration and 2) noise isolation. The higher the Clean Power stage number (1-5), the more sophisticated and advanced the filters are that reject noise generated on the AC powerline. In addition, the higher the Clean Power stage number, the more isolation that exists between connected equipment for maximum rejection of component-generated noise.

Monster PowerCenters™ featuring Clean Power circuitry are each designated with a Clean Power Stage. The PowerCenter incorporates Monster Clean Power **Stage 2** circuitry which filters both AC powerline noise and reduces noise generated by your connected equipment. Clean Power Stage 2 features two ultra-advanced, isolated filters (audio and video) to provide for the best possible AC powerline noise rejection and inter-component isolation for improved component-generated noise rejection. All of these features make the HTS1000 MKII PowerCenter ideal for your home theater system. To learn more about patented Monster Clean Power and the complete product family of PowerCenters, voltage stabilizers and amplifiers, please visit **MonsterPower.com**.

THE MINDS BEHIND THE MONSTER POWERCENTER DESIGN



Richard Marsh – There are few experts able to solve the complex problems associated with AC power and complex home theater systems. Richard Marsh is one of these illustrious few. He has designed best selling power conditioning components costing more than \$3,000.00 and now brings his expertise to Monster Power. Richard developed Monster’s patented Clean Power™ circuitry. He is also responsible for several other ground breaking designs. Richard’s background and research into amplifier and capacitor design led to his development of the Servo-DC feedback concept in power amplifiers – a concept that is used by virtually every amplifier manufacturer today. His status as both the inventor of the MultiCap™ internal bypass capacitor and as the driving force behind the high-end audio balanced circuit design concept has influenced the audiophile community for years. Richard is responsible for some of the high-end audio world’s most respected product designs, essays and articles, and has contributed to *The Absolute Sound* and *Audio* magazines. He is included in *Who’s Who in the West*.



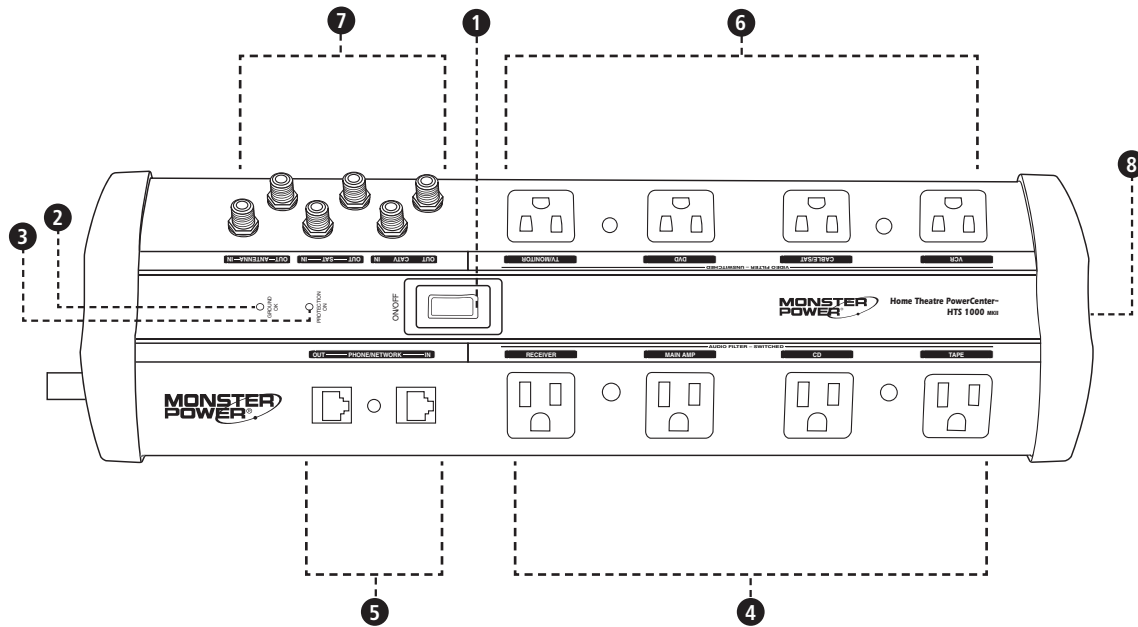
Demian Martin – Demian Martin has been solving complex AC power problems for several years. As a technical consultant for successful paper and steel mills, Demian helped create several innovative AC power solutions. He developed techniques to dramatically improve the efficiency of these factories’ high power motor control systems – up to 50,000 watts – helping them avoid the costly premiums many factories must pay for AC power inefficiency. Demian was also the co-founder of Spectral Audio and was the chief designer of their many pioneering designs for amplifiers, D/A converters, and other high-end audio designs. He now brings his expertise to Monster Power’s elite research and development team.



Noel Lee – Noel Lee, The Head Monster, is best known for popularizing the concept of high performance audio cable 25 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 250 U.S. and international patents and drives the explosive growth of The Monster Group companies in more than 80 countries worldwide. Monster Power is Noel's realization of a long-nurtured vision of making affordable power solutions that deliver the best possible sound and picture.

MONSTER HTS 1000 MKII POWERCENTER FEATURES

TOP VIEW



Monster HTS 1000 MKII PowerCenter Features

- 1. ON/OFF Switch:** This switch turns the PowerCenter on and off. The switch lights up when turned to the ON position, providing power to components plugged into the switched outlets. Pressing the switch to the OFF position shuts off power to switched outlets. Components plugged into unswitched outlets still receive power, however, provided the PowerCenter is plugged into a 120V outlet.
- 2. GROUND OK Indicator:** Indicates the wall outlet that the PowerCenter is plugged into is grounded.
- 3. PROTECTION ON Indicator:** Indicates that the internal surge protection of the PowerCenter is active.
- 4. Audio Filter (Switched Outlets):** These outlets have a special filter circuit that reduces noise from the AC power line that goes to your audio components. Match the appropriate identification label to each component's power cord.
- 5. Telephone/Network Ethernet Input/Output:** Allows you to hook up to telephone lines (RJ11) or networks (RJ45), and protect your system against power surges coming from them.
- 6. Video Interference Reduction Filter (Unswitched Outlets):** These outlets have a special filter circuit that is designed to reduce interference to your video components. Make sure to match the appropriate identification label to each component's power cord.
- 7. Cable/Satellite/Antenna Coaxial Connection:** "IN" connects the coaxial cable from either wall cable outlet, satellite dish or TV antenna. "OUT" connects the coaxial cable to input of TV, VCR, cable box or satellite receiver.
- 8. Remote AC/DC Input Jack:** Allows remote turn on/off of switched outlets. This feature allows you to turn the PowerCenter on or off via a component with a remote trigger out.

HOOK-UP GUIDE

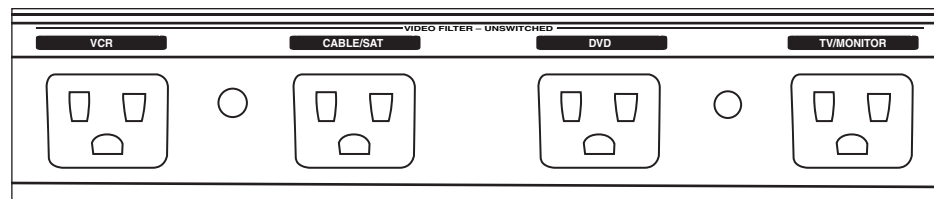
Video Outlet (Unswitched) Hook-up

These outlets have a special filter circuit that is optimized to reduce interference to your video components.

- A) Attach a Monster Power Identification label to each component's power cord before you plug it into the appropriate color-coded PowerCenter outlet.
- B) Plug each component's power cord (VCR, TV/Monitor) into the PowerCenter's corresponding outlet. For components not listed, determine if they are audio, video, digital or high current audio components, and use a corresponding outlet for best performance.

IMPORTANT NOTE:

It does not harm audio, digital or high current audio components to be connected to the video outlets. However, for the best performance, we recommend plugging in only video components to the video outlets.



Video Outlets

HOOK-UP GUIDE

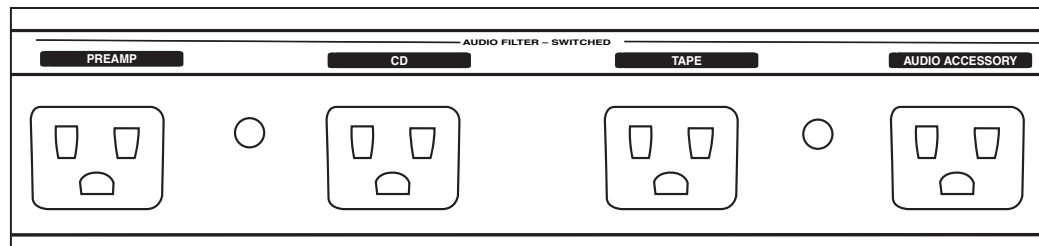
Audio Outlet (Switched) Hook-up

These outlets have a special filter circuit that is optimized to reduce interference to your audio components.

- A) Attach a Monster Power Identification label to each component's power cord before you plug it into the appropriate color-coded PowerCenter outlet.
- B) Plug each component's power cord (Receiver, Processor, etc.) into the PowerCenter's corresponding outlet. For components not listed, determine if they are audio, video, digital or high current audio components, and use a corresponding outlet for best performance..

IMPORTANT NOTE:

It does not harm video, digital or high current audio components to be connected to the audio outlets. However, for the best performance, we recommend plugging in only audio components to the audio outlets.



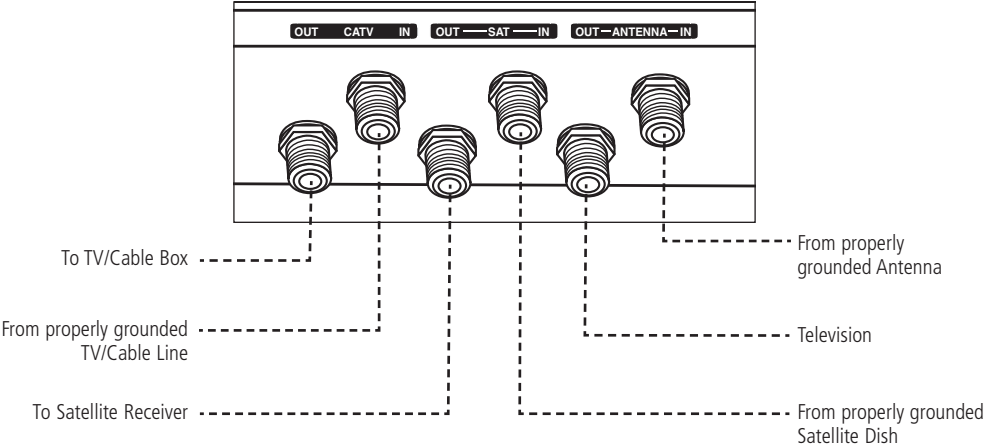
Audio Outlets

HOOK-UP GUIDE

Coaxial Connections Hook-up

Coaxial connections provide surge protection against damaging voltage surges and spikes on the incoming coax cable.

Protect Cable/TV, Satellite and Antenna as follows:



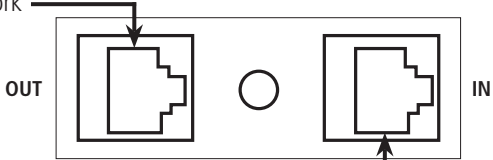
HOOK-UP GUIDE

Phone/Network Connections Hook-Up

Phone connections provide surge protection against damaging voltage surges and spikes coming from the phone/Ethernet line. This PowerCenter also incorporates a phone splitter for convenience.

Protect Phone Line/Network Connections as follows:

To phone, satellite receiver, digital video recorder (DVR) or other device or network



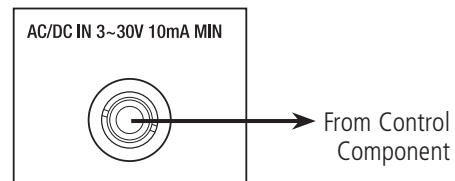
From telephone wall jack or incoming network line

HOOK-UP GUIDE

Remote "AC/DC In" Control Hook-up

This feature connects your PowerCenter to an automated Home Theater control system or allows another component with a remote "DC Out" connection to automatically turn on and off your PowerCenter.

- A) Plug the AC power cable of the component you are using to control the PowerCenter into an unswitched outlet on the PowerCenter. Note: This component must deliver a control voltage between 3-30 volts DC.
- B) Plug one end of the 1/8" miniplug (supplied) into the corresponding remote "DC In" connection on the PowerCenter.
- C) Plug the other end of the 1/8" miniplug into the Remote "DC Out" connection on the component that you want to turn on and off the PowerCenter's Switched outlets when it is turned on.



TROUBLESHOOTING

Symptom	Possible Cause	Remedy
The PowerCenter is not receiving power.	The PowerCenter is not turned On.	<ul style="list-style-type: none"> • Turn the PowerCenter switch on. • Make sure the PowerCenter's AC power plug is plugged into a properly grounded 120 volts (nominal) wall outlet. • In some households, a wall switch may need to be thrown to make the wall plug active. Try turning on the light switches located near the wall unit.
	Too many devices are connected, causing an overload, tripping the Thermal Circuit Breaker.	<ul style="list-style-type: none"> • Press the PowerCenter Thermal Circuit Breaker button in to reset. Please allow 10 minutes before attempting to reset. If you reset too soon, the breaker will prematurely sense power overload and not allow unit to operate. • If the Circuit Breaker continues to trip, try moving one or more components to another PowerCenter. You may be drawing too much current through one PowerCenter.

TROUBLESHOOTING

Symptom	Possible Cause	Remedy
Component is not receiving power.	The component is plugged into a switched outlet and the PowerCenter has not been turned On.	<ul style="list-style-type: none"> • Turn the PowerCenter On. • Or, plug the component into an unswitched outlet.
	The PowerCenter is plugged into a switched outlet, but power on the component is not On. In some instances, a component plugged into a switched outlet won't receive power when the PowerCenter is turned On unless the component power is also switched On.	<ul style="list-style-type: none"> • Turn the component power On.
Speakers emit a humming or buzzing noise.	The PowerCenter is sharing AC power with equipment that is not properly grounded.	<ul style="list-style-type: none"> • Connect your PowerCenter to a dedicated outlet. • Try unplugging different components from the PowerCenter one at a time to see if the noise stops. If a component is discovered to be improperly grounded, attach a copper wire from the component's chassis to the PowerCenter's grounding post.

SPECIFICATIONS

HTS 1000 MKII PowerCenter

Continuous Duty Electrical Rating	120V/60Hz	
Maximum Current Rating	15A/1800W	
Protection Modes	Line-Neutral (L-N) Line-Ground (L-G) Neutral-Ground (N-G)	
Total Energy Dissipation	2775 Joules	
Clamping Level (TVSS Voltage)	330 Volts	
Clamping Response Time	Less than 1 Nanosecond (<1Ns)	
Remote Trigger In	3 – 30v DC	
Dimensions	Width: 4.82"	122.428 mm
	Height: 2.75"	69.85 mm
	Length: 16.4"	416.560 mm

NOTES:



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