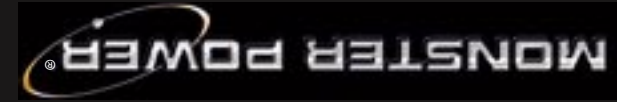




Home Theatre  
Uninterruptible Power Supply  
HT UPS 1000

## OWNER'S MANUAL



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## PLEASE READ AND OBSERVE THE FOLLOWING SAFETY POINTS AT ALL TIMES

### ⚠ WARNING – Power Sources

Do not plug your Monster HT UPS 1000 into a power outlet that differs from the source indicated for safe use on the product. 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

Your Monster HT UPS 1000 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 inside your outlet, do not attempt to force it into the outlet. 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.

### ⚠ WARNING – Power Cord Safety

**A. When routing your Monster HT UPS 1000 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 HT UPS 1000 immediately.** Please see warranty information.

### ⚠ CAUTION – Heat Ventilation

HT UPS 1000 requires a minimum of 1" clearance on all sides for adequate ventilation and heat dissipation.

### ⚠ WARNING – Liquid: Avoiding Electrical Shocks

Do not operate your Monster HT UPS 1000 if liquid of any kind is spilled onto or inside the unit. Do not operate the HT UPS 1000 near rain or water that's spilled or openly exposed (e.g., bathtub, kitchen or bathroom sink).

### ⚠ WARNING – Risk of Fire or Electric Shock

HT UPS 1000 is intended for installation in a controlled environment. To reduce the risk of fire or shock, install HT UPS 1000 in a temperature and humidity controlled indoor area free of conductive contaminants.

### ⚠ WARNING – De-Energizing HT UPS 1000

To de-energize HT UPS 1000 in an emergency, first switch the On/Off control to the Off position. Then, unplug HT UPS 1000 from the wall outlet.

### ⚠ CAUTION – Exposure To Heat

Do not expose your Monster HT UPS 1000 to direct sunlight or place it near wall heaters, space heaters, or any enclosed space prone to temperature increase (e.g., car trunk).

### ⚠ WARNING – Proper Cleaning

In general, the only cleaning necessary for your Monster HT UPS 1000 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 – Medical Conditions/Life Support Applications

Use of HT UPS 1000 in any life support application where failure of this equipment can reasonably be expected to cause the failure of the life support equipment or to significantly affect its safety or effectiveness is NOT recommended.

### ⚠ WARNING – No User Serviceable Parts Inside

If, for any reason, your Monster HT UPS 1000 is not operating properly, do not remove any part of the unit (cover, batteries, etc.) for repair. Unplug the unit and either consult this owner's manual for warranty and service information, or contact your original Monster Power retailer for repair and service information. Do not try to replace the battery inside HT UPS 1000. Contact the retailer or Monster Cable for service detail.

## INTRODUCTION

Thank you for purchasing Monster Power's Home Theatre Uninterruptible Power Supply HT UPS 1000. HT UPS 1000 is designed to maintain constant power to your home theatre system, even during power outages, while also ensuring that the voltage your system components receives does not exceed or fall below safe levels.

Today's high-end home theatre systems rely on constant power to maintain important system functions. Even during brief power outages, your home theater system can suffer damage, ranging from lost memory settings and data to physical component damage caused by incorrect turn-on sequencing that may occur when utility power is restored. HT UPS 1000's 28,000mAH internal backup battery supply maintains voltage to your system during power outages, ensuring that you do not lose settings or memory, while also protecting your equipment from costly damage due to an incorrect turn-on sequence.

HT UPS 1000 also features an Automatic Voltage Regulator (AVR) which prevents the voltage supplied to your home theater system from going outside of safe system operating specifications. When the AVR senses voltage sags or a voltage overload, it automatically engages to stabilize power levels to prevent damage and compromised system performance that may occur from these conditions.

With HT UPS 1000, all of your high-powered home theater equipment will operate at peak performance regardless of sudden power outages, with added protection from further damage provided by HT UPS 1000's AVR and surge/spike protection. Thank you again for your purchase of HT UPS 1000 – we're sure you'll enjoy the added performance and protection it provides.

### About Noel Lee, The Head Monster

The driving force behind the success of HT UPS 1000 and the entire Monster Power family is Noel Lee, The Head Monster. Noel 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.



The Head Monster

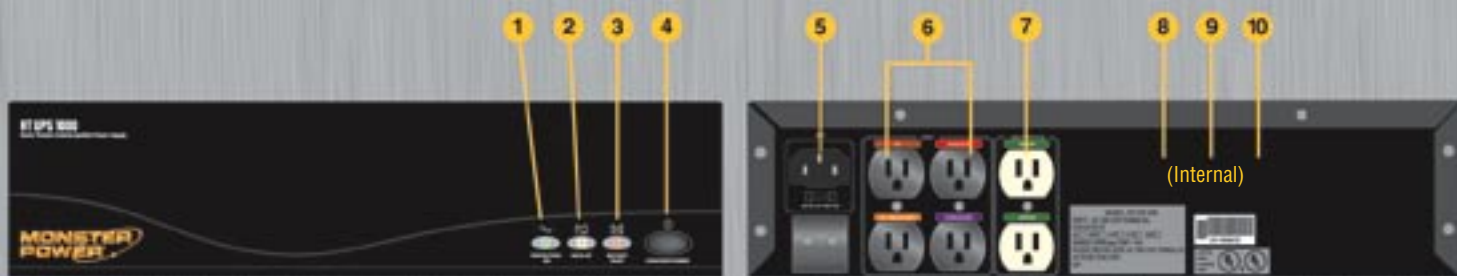
# HT UPS 1000 – FRONT & BACK PANEL FEATURES

# HT UPS 1000 – HOOKUP AND OPERATION INSTRUCTIONS

HT UPS 1000 FEATURES

- 1. Line OK Indicator:** The Line OK Indicator LED illuminates when HT UPS 1000 is switched on and is providing conditioned utility power to the outlets. When first switched on, HT UPS 1000 will perform a self-test for up to 8 seconds.
- 2. Backup Indicator:** The Backup Indicator LED illuminates when backup battery supply is in use.
- 3. Battery Fault Indicator:** The Battery Fault Indicator LED illuminates when HT UPS 1000's batteries are no longer reliable and must be replaced (contact your Monster retailer).
- 4. On/Off/KickStart Button:** Press and hold for a minimum of 3 seconds to provide AC power and power loss protection for connected components.
- 5. Power Line Input:** For connection of included IEC AC power line. A 250V AC fuse is housed in the power line input.

- 6. Power Loss Protected Outlets [For 4 HT UPS 1000 Outlets]:** Provide AC power under normal conditions, or 10-120 minutes of reserve battery power under power loss conditions, to Monster PowerCenters and connected components.
- 7. Auxiliary Outlets:** Supply conditioned non-backup power to two additional components.
- 8. Emergency KickStart Circuitry:** Enables you to power connected equipment with Monster's backup batteries, even if HT UPS 1000 is turned off and utility power has failed.
- 9. Audible Alarm:** Alarm sounds when battery backup power is in use, battery reserve is low, or an overload condition is apparent (see appendix below for more information).
- 10. AVR Automatic Voltage Regulator:** Maintains constant voltage for optimal home theatre system operating conditions.



HT UPS 1000 INSTRUCTIONS

## NOTE

HT UPS 1000 does not need to be plugged into a "live" outlet to operate. However, to maximize battery life, we recommend plugging HT UPS 1000 into a properly grounded, three-prong AC power outlet. In addition, Monster Power recommends charging the batteries for at least twenty-four hours prior to using HT UPS 1000. To recharge the batteries, simply plug your HT UPS 1000 into an AC outlet and switch it on.

## STEP 1 Powering Your HT UPS 1000 and Connected Equipment

**A)** Plug your Monster Power HTS PowerCenter or A/V equipment into the outlets on the rear of HT UPS 1000. Plug the equipment you would like to protect from power loss into the surge-protected, battery backup-supplied outlets. Plug all other equipment into the surge-protected-only auxiliary outlets. Ensure that your HT UPS 1000 is plugged into an appropriate AC outlet. For the best possible home theatre performance, plug HT UPS 1000 into a Monster Power AVS Automatic Voltage Stabilizer.

**B)** Turn on your HT UPS 1000 by pressing and holding down the On button for 3 seconds. This safety feature prevents accidental turn-on. After 3 seconds, all the outlets will be powered. Upon turn-on, HT UPS 1000 will perform a self-test function for up to 8 seconds. After the test is completed, the Line OK LED will illuminate, confirming that there is adequate power to the connected loads. Always keep HT UPS 1000 plugged into a live outlet or your Monster Power AVS unit to keep the battery charged.

**C)** Switch the On/Off controls of all connected system equipment to the On position.

**D)** In the event of a utility power failure, you can still operate your HT UPS 1000, even if the unit was turned off during the power failure. To activate Monster's Emergency KickStart circuitry, press down and hold the On button continuously for 5 seconds. The Line OK LED will illuminate when KickStart is functional. Under back-up operation, HT UPS 1000 will beep slowly. You can turn off the beeping by pressing the On/Off/Kickstart button once.

## STEP 2 Turning Off Your HT UPS 1000 and Connected Equipment

**A)** Switch all equipment On/Off controls to the Off position and unplug them from HT UPS 1000.

**B)** Turn off HT UPS 1000, and unplug it from your Monster Power AVS unit or the wall outlet to ensure its Off condition.

## APPENDIX

SPECIFICATIONS

### HT UPS 1000 Specifications

#### OUTPUT

Capacity.....	28,000mAh/600 VA
Voltage (on battery).....	Simulated 120V 60 cycle rating voltage +/-5%
Frequency (on battery).....	50 or 60Hz +/-1Hz
Transfer Time.....	0.008 to 0.012 seconds, including detection time

#### INPUT

Voltage.....	100VAC to 132VAC before changeover
Frequency.....	50 or 60Hz +/-10% (auto sensing)

#### PROTECTION AND FILTERING

Overload Protection.....	UPS automatic shutdown if overload exceeds 110% of normal at 60 seconds and 130% at 3 seconds.
Short Circuit.....	UPS output cut off immediately or input fuse protection

#### MONSTER BATTERIES

Type.....	Sealed, maintenance-free lead acid
Typical recharge time.....	12 hours (to 90% of full capacity)
Typical Backup Time.....	10-120 minutes

#### PHYSICAL

Net Weight Kg (Lbs).....	13.8 (30.36)
Shipping Weight Kg (Lbs).....	16.4 (36.08)
Dimensions (mm) WxDxH.....	130x382x195
Power Inlet.....	IEC 320 power connector
Receptacles.....	NEMA5-15R (115V); IEC320 female appliance coupler (320V)

#### ALARM

Battery Backup.....	Slow beeping (once every 2 seconds)
Battery Low.....	Rapid beeping (once every 0.5 seconds)
Overload.....	Continuous beeping

#### ENVIRONMENT

Ambient Operation.....	10,000 feet max. elevation, 0-95% humidity non-condensing, 0°C - 40°C
Audible Noise.....	<40dBA (1 meter from surface)
Storage Condition.....	10,000 feet max., 0°C - 50°C

- PROBLEMS AND SOLUTIONS

## TROUBLESHOOTING

### PROBLEM – HT UPS 1000 is not receiving power.

**POSSIBLE CAUSE #1** - HT UPS 1000 is not turned on.

#### SOLUTIONS

- Make sure HT UPS 1000's AC power plug is plugged into a properly grounded 120V wall outlet, and press the ON button for three seconds to turn on the unit.
- In some households, a wall switch may need to be thrown to make the wall outlet come alive. Try turning on the light switches located near the wall outlet powering HT UPS 1000.

**Possible Cause #2** - Battery voltage less than 10V (contact your Monster Power dealer).

#### SOLUTION

- Recharge HT UPS 1000's batteries for at least 6 hours.

**Possible Cause #3** - HT UPS 1000 is defective.

#### SOLUTION

- Please see warranty information.

### PROBLEM – HT UPS 1000 is always in battery mode.

**Possible Cause #1** - Power cord is loose.

#### SOLUTION

- Ensure that the power cord is firmly plugged into the back of the unit and the AC wall outlet.

**Possible Cause #2** - AC fuse is blown.

#### SOLUTION

- Unplug the power cord from the wall outlet and remove and replace the 250V AC fuse.

**Possible Cause #3** - HT UPS 1000 is defective.

#### SOLUTION

- Please see warranty information.

### PROBLEM – Backup Time Too Short

**Possible Cause #1** - Battery not fully charged.

#### SOLUTION

- Recharge HT UPS 1000's batteries for at least 6 hours

**Possible Cause #2** – HT UPS 1000 is defective or home theatre system total draw is higher than 300W.

#### SOLUTION

- Please see warranty information.
- Make sure the total system for backup is less than 300W.

### PROBLEM – Alarm beeps continuously

**Possible Cause #1** - Overload condition apparent.

#### SOLUTION

- Remove some of the loads connected to HT UPS 1000 until alarm ceases.

**NOTE:** It is normal for HT UPS 1000 to feel hot to the touch during normal or back-up operation. This heat is generated by the batteries inside the unit.