

# MB1000

## UNINTERRUPTIBLE POWER SUPPLY FOR YOUR HOME THEATER SYSTEM



### **MB1000**

A Fully Programmable  
UPS, Voltage Regulator  
and Power Conditioner



#### FEATURES:

- Surge Protection and AVM
- LiFT Noise Filtration
- Dual Learning IR Output Controls
- RS-232 with Open Source Code Protocol
- Fully Programmable
- Power Management Software
- USB Interface
- Critical Load Management
- USB Cord Included
- RS232 Pin Cable Included
- Rack Mounting Kit

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# MB1000 FRONT/BACK PANELS FEATURES

## Outlet Bank 1 Indicator

Illuminated blue when outlet bank 1 is switched on.

## Power Switch

Press and hold the power button for 2 seconds to turn the UPS ON or OFF.

## Outlet Bank 2 Indicator

Illuminated blue when outlet bank 2 is switched on.

## Circuit Breakers

Resettable circuit breakers provide optimal overload protection.

## Outlet Bank 2 - Non-Critical-Load Outlets

Four battery powered, surge protected and AVR outlets for connected equipment insures temporary uninterrupted operation of connected equipment during a power failure. These outlets will shut off when the batteries drain to a designated level to reserve remaining battery charge from the critical load outlets.

## Line Fault Indicator

This LED will illuminate in red to warn the user that a wiring problem such as a bad/missing ground or reversed wiring exists within the AC receptacle. If illuminated, disconnect all equipment and contact an electrician to insure outlet is properly wired.

## IR Detector

IR Detector, for sampling IR remote control signals.

## Menu Navigation Knob

Rotate clockwise to navigate to the next screen, counter-clockwise to return to the previous screen, push to select menu item.

## Status Display

LCD displays status and menu navigation items.

## Removable Battery Access Panel

Easy to remove for battery access and replacement.



10 Ft. AC Power Cord



## IR Control Section

Indicator LED's – Indicates status IR Output Jacks – Standard 1/8" (3.5mm) mono jack for connection to an IR flasher (IR flashers not included).

## USB to Computer

## RS-232 Serial Communication Port

The serial port allows connection and communication between the UPS and an automation or computer system. This allows the installer to program a number of variables including the Critical Load Battery Threshold. See the software documentation for more information.

## Outlet Bank 1 - Critical Load Outlets

Four battery powered, surge protected and AVR outlets for critical-load equipment insures temporary uninterrupted operation of connected equipment during a power failure.

## MB1000 SPECIFICATIONS

Input	
Voltage	85 – 137 Vac
Frequency	57 – 63 Hz
AC Power	
Current Rating	12 A
Surge Protection	900 Joules
Overvoltage Shutoff, fast rise	150 ± 5 V
Overvoltage Shutoff, slow rise	132 ± 5 V
Undervoltage Shutoff	90 ± 5 V
Automatic Voltage Regulation, Sensitive Mode Capture Range	98 – 135 V
Automatic Voltage Regulation, Sensitive Mode Output Range	120 ± 5%
Automatic Voltage Regulation, Standard Mode Capture Range	93 – 145 V
Automatic Voltage Regulation, Standard Mode Output Range	120 ± 10%
Filtration	40dB min from 100kHz-2MHz 65dB max @ 270kHz
UPS Output	
Voltage	120 ± 5 V Simulated Sine Wave
Frequency	60 Hz ± 1%
UPS Output Capacity	1000VA 600W @ 0.6pf
UPS Backup Time	3 minutes at full load
Transfer Time	< 10ms

Specifications subject to change due to product upgrades and improvements.

MB1000 prevents critical equipment from losing setup configuration, stored data and hard-disk crashes. Shuts off projection equipment via IR control to allow the projector bulbs to go through a proper cool-down cycle before shutting off.

## WEIGHTS & MEASUREMENTS, QUANTITIES, UPC'S FOR ORDERING & SHIPPING

### SINGLE MODEL MB1000

Dimensions	Weight
L 17" x H 4" x W 13"	36 lbs.

### SINGLE UNIT CARTON

Dimensions	Weight	UPC
L 22.25 x H 9.25" x W 17.5"	40 lbs.	050616-008518



MODEL: MB1000

DESIGNED IN USA · MADE IN CHINA



**PANAMAX**

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