

# PANAMAX® M4300-PM

LOOKING FOR **CRYSTAL CLEAR** PICTURE AND SOUND?



- 2** • **Clean Power Level 2**  
Single stage linear filtration improves picture and sound quality by eliminating noise across the entire AC bandwidth.
- 2** • **2 Isolated Outlet Banks**  
Isolating outlet banks from one another prevents noise contamination between components.
- 4+** • **High Current Outlets**  
4 outlets for equipment with high power demands (Amps/Subwoofers).
- USB** • **USB Charger**  
Convenience charger for mp3 players, cell phones, and other small electronics.
- Light** • **Front Panel Lights**  
2 switchable convenience lights to view your media and home theater system when it's dark.
- 120V** • **Digital Volt Meter**  
Monitor the voltage supplying your home theater equipment.
- Game** • **Gaming Outlet**  
Convenience outlet perfect for gaming systems and other electronics.
- 9** • **9 Outlets**  
5 Switched Linear Filtered, 4 Switched High Current.
- Glasses** • **AVM (Automatic Voltage Monitoring)**  
Protects equipment against prolonged over/under voltages by disconnecting the power and reconnecting it when safe power returns.

## M4300-PM

### HOME THEATER POWER MANAGEMENT

- 1 Improves Picture and Sound Quality**  
Level 2 Power Cleaning and Linear Filtration eliminates common symptoms of contaminated power (including loss of detail, pops, hisses, hums and visual artifacts) and allows your A/V equipment to perform up to its full capability.
- 2 Monitors Incoming Line Voltage and Provides a Visual Indication of Power Level**  
Panamax's patent pending AVM™ circuitry continuously monitors the incoming power as displayed on the digital voltmeter. In case of an undervoltage or an overvoltage, a flashing lightning bolt will be displayed in red in the voltmeter, and power to the connected equipment is automatically turned off if either of these conditions is detected. When voltage returns to a safe level, power to the equipment is automatically reconnected.
- 3 Reduces Cross-Contamination Between Components**  
The M4300-PM is designed to provide noise isolation between 2 isolated outlet banks including 4 high current outlets so that any noise created by an A/V component can not contaminate the power going to equipment plugged into another outlet bank.



Three Year Product Warranty\*  
\$5,000,000 Limited Connected Equipment Policy\*\*  
Product Upgrade Program\*  
\* See actual warranty/policy for details.



## M4300-PM BACK PANEL FEATURES

### 1. Circuit Breaker:

Automatically opens when the current load is greater than 15 Amps. Push to reset.

### 2. Outlet Bank 2

Four switched, high-current outlets controlled by the front panel Power Button. The High Current outlet provides power from a low impedance noise filtration circuit that does not limit the current to your equipment. Its output is noise isolated from Outlet Bank 1.

### 3. Outlet Bank 1

Four switched outlets with linear filtration technology (LIFT) controlled by the front panel Power Button. LIFT EMI/RFI noise filtration is provided by a single stage linear filter circuit which also provides noise isolation from all four outlets in Bank 2.

### 4. LAN Jacks

Protection circuits for 10/100 baseT Ethernet lines. Incoming LAN line MUST be plugged into the LINE jack. Patch cord to the equipment MUST be plugged into the EQUIP jacks. 8 wire protection, 50V clamping.

### 5. Universal Coaxial Connectors

2 pairs of bidirectional protection circuits optimized for satellite, cable, and antenna TV signal lines.



**6. Main Power**  
Must be plugged into a properly wired & grounded 3-wire outlet.

**7. Ground Lug:**  
Provides a common grounding point for equipment with separate ground leads

**8. Phone Jacks**  
Protection circuits for standard telephone or pay-per-view lines. Phone circuit is autoresetting. Incoming phone cord MUST be plugged into the LINE jack. Patch cords to the equipment (satellite receiver, digital video recorder, telephone, etc.) MUST be plugged into the EQUIP jacks.

## M4300-PM SPECIFICATIONS

### General

Dimensions.....17 in. W x 7.75 in. D x 1.75 in H, (2.125 in. Including feet)  
Weight.....6.5 lbs.

### AC Power

Line Voltage.....120V, 60Hz  
Isolated Banks.....2  
Voltage Regulation.....No  
Total Outlets.....9 outlets  
Always-On Outlets.....0 outlets  
Switched Outlets.....9 outlets  
High Current Outlets.....4 outlets  
Total Current Capacity.....15 A (1800W)  
Voltage Protection Rating (UL1449 3rd Edition, 3,000A).....500V  
Protection Modes.....L-N, L-G, N-G  
Initial Clamping Level.....200V Peak, 141V RMS  
Energy Dissipation.....1650 Joules  
Peak Impulse Current.....60,000 Amps  
Catastrophic Surge Circuit.....Yes  
Thermal Fusing:.....Yes  
  
Auto-resetting Over-voltage shutoff.....142 VAC ± 8 VAC  
Auto-resetting Under-voltage shutoff.....86 VAC ± 6 VAC

### EMI/RFI Noise Filtration

Bank 1, Linear Filtration Switched Outlets.....Up to -80 db (100 KHz – 2 MHz)  
Bank 2, High Current Switched Outlets.....Up to -55 db (100 KHz – 2 MHz)

### LAN Protection

Clamping Level.....60 ± 5V  
Compatibility.....10/100bT  
Jacks.....RJ-45  
Wires Protected:.....8-Wires

### USB Circuit

Jacks.....USB-A  
Power Delivery.....500 mA @5VDC

### Telco Protection

Fuseless/Auto-resetting.....Yes  
Clamping Level.....260V  
Capacitance.....30pf (approx.)  
Suppression Modes.....Metallic & Longitudinal  
Connectors.....RJ-11  
Lines Protected.....2-Wire, Pins 4 & 5

### Universal Coax Protection

HD 1080 i/p Ready.....Yes  
Bidirectional.....Yes  
Shielded.....Yes  
Clamping Level.....75V  
Frequency Range.....0MHz - 2.2 GHz  
Insertion Loss.....< 0.5 dB  
Connectors.....Female "F", Gold Plated

Design and specifications are subject to change due to product upgrades and improvements.

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

MODEL M4300-PM		UNIT CARTON			MASTER CARTON			
Dimensions	Weight	Dimensions	Weight	UPC	Qty	Dimensions	Weight	UPC
17" x 7.75" x 1.75" 2.125" H with feet	6.5 lbs	19.5" x 12" x 4.625"	8 Lbs	0 50616 00818 1	2	20" x 12.75" x 10.75"	17.5 Lbs	5 00 50616 00818 6

