

# M8-AV

## HOME THEATER POWER MANAGEMENT

AC power, telephone and coax lines can provide direct pathways for surges and spikes to enter and damage expensive audio/video equipment.

M8-AV eliminates voltage irregularities & protects your AV system.

### 1 SURGE PROTECTION

Panamax's patented AVM circuitry continuously monitors the incoming line voltage and disconnects your equipment in the event of an over voltage or undervoltage (brownout). Power is automatically reconnected when voltage returns to a safe level, eliminating service calls or system downtime.

### 2 IMPROVES PICTURE & SOUND QUALITY

The M8-AV's Power Cleaning and Filtration eliminate 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.



**Cable/Sat Protection**  
Protects equipment from electrical surges that travel over cable, satellite and antenna lines.



**Telephone line protection**  
Protects equipment from electrical surges that travel over telephone lines.



**AVM**  
Automatic Voltage Monitoring



**Surge Protection**  
Exclusive Protect or Disconnect™ circuitry.



**Eight Outlets**  
More outlets for all of your power needs.



**Hi Def Ready**  
Hi-Def Designed to work with your High Definition system.



MODEL NO.  
**M8-AV**



SPECIFICALLY DESIGNED AND ENGINEERED TO PROTECT:



**HD Flat Panel Display Systems**  
(Plasma, LCD, CRT's and Receivers)

Engineered and built to meet the latest UL Safety requirements (UL 1449 3rd Edition)

**\$5,000,000 Limited Connected Equipment Protection Policy\***

**Lifetime Product Warranty\***

**Product Upgrade Policy\***

\*See actual warranty documentation.

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### FEATURES

Accepts Panamax add on data line protection modules (modules sold separately).

Two OUT Telco Connectors  
Telco Connectors RJ-11

One IN Telco Connector  
Telco Connector RJ-11

Unsafe Voltage LED (red) Normally OFF; flashes when lit, indicates that incoming voltages are unsafe and the surge protector has disconnected the power to connected equipment.

CATV / Satellite Connectors  
2 sets of IN /OUT, universal coaxial connectors

6 ft. Power Cord with Right Angle 45 degree Offset Plug

Power ON/Protection OK LED (green) Normally ON; indicates that the surge protector is functioning properly and that all connected equipment is protected.

Ground OK LED (green) Normally ON; indicates that the wall outlet is properly wired and grounded.

8 AC Outlets with transformer spacing between outlets

Accessory Included:  
3 ft. Coax Cable

ON / OFF Power Switch and Circuit Breaker Combination

### SPECIFICATIONS

#### AC Specifications:

Protect or Disconnect™ Circuitry \_\_\_\_\_ Yes  
 Patented Power Management Circuit\* \_\_\_\_\_ Yes  
 Overvoltage Shutoff \_\_\_\_\_ 144V ±8V  
 Undervoltage Shutoff \_\_\_\_\_ 90V ±6V  
 Thermal Fusing \_\_\_\_\_ Yes  
 Line Voltage \_\_\_\_\_ 120VAC, 50/60Hz  
 Initial Clamping Level \_\_\_\_\_ 200V Peak, 141V RMS  
 Voltage Protection Rating (UL1449 3rd Edition, 3,000A) \_\_\_\_\_ 500V  
 Protection Modes \_\_\_\_\_ L-N, L-G, N-G  
 Maximum Current Rating \_\_\_\_\_ 15A (1800W)  
 EMI/RFI Noise Filtration \_\_\_\_\_ 50dB (100kHz – 1 MHz)

Response Time \_\_\_\_\_ < 1ns  
 Single Pulse Energy Dissipation \_\_\_\_\_ 1650 Joules  
 Peak Impulse Current \_\_\_\_\_ 52,000 A

#### Telco Protection:

Fuseless/Auto-Resettable \_\_\_\_\_ Yes  
 Clamping Level \_\_\_\_\_ 260V  
 Capacitance \_\_\_\_\_ 30 pf (approx.)  
 Suppression Modes \_\_\_\_\_ Metallic & Longitudinal  
 Wires Protected \_\_\_\_\_ 2 wire, 1 pair (3,4)  
 Connectors \_\_\_\_\_ RJ-11

#### Universal Cable / Satellite Protection:

HD Ready \_\_\_\_\_ Yes  
 Bi-Directional \_\_\_\_\_ Yes  
 Shielded \_\_\_\_\_ Yes  
 Clamping Level \_\_\_\_\_ 75V  
 Frequency Range \_\_\_\_\_ 0MHz – 2.2 GHz  
 Insertion Loss \_\_\_\_\_ <0.5dB  
 Connections \_\_\_\_\_ Female "F", Gold Plated

Design and specifications subject to change without notice due to product upgrades and improvements.

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

MODEL M8-AV		SINGLE UNIT CARTON			MASTER CARTON			
Dimensions	Weight	Dimensions	Weight	UPC	Qty.	Dimensions	Weight	UPC
12" x 5" x 1.75"	3.5 lbs	13.25" x 9.5" x 2.5"	4 Lbs	0 50616 00873 0	6	17.25" x 8.5" x 14"	25 Lbs	50 050616 00873 5

(12.5 in. L. Including brackets)

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