

**PRO Series**

# M8HC-PRO POWER CONDITIONER

Clean Power for Home  
Theater Systems

**IMPROVES  
PICTURE QUALITY**



**PATENTED POWER  
MANAGEMENT**

**NOISE FILTRATION  
& ISOLATION**



**PANAMAX**  
The Power Specialist Since 1975



**PRO Series**

# M8HC-PRO

## POWER CONDITIONER

- EchoStar® Approved, DishPro™ Compliant Satellite TV Protection

### SPECIFICATIONS

#### AC Specifications:

Protect or Disconnect™ Circuitry	Yes
Patented Power Management Circuit*	Yes
Auto-resetting Overvoltage Shutoff	144V ±8V
Auto-resetting Undervoltage Shutoff	90V ±6V
Thermal Fusing	Yes
Line Voltage	120VAC, 50/60Hz
Initial Clamping Level	200V Peak, 141V RMS
UL 1449 Suppression Rating	330V
UL 991	Yes
Protection Modes	L-N, L-G, N-G
Maximum Current Rating	15A (1800W)
Single Pulse Energy Dissipation	1875 Joules
Peak Impulse Current	65,000 A
EMI/RFI Noise Filtration	53dB (100kHz - 1 MHz)
Number of Isolated Banks of Outlets	2
Filter Circuits	1 Common Mode 1 Normal Mode, 1 High-Current Inductorless

Filtered Outlet Banks	53 dB (100 KHz - 1 MHz)
High-Current Outlets	50 dB (100 KHz - 1 MHz)
Response Time	< 1 n

#### LAN Protection:

Compatibility	10/100bT
Clamping Level	7V
Suppression Modes	Differential & Common Ground
Wires Protected	Pins 1, 2, 3, & 6
Connectors	RJ-45 Shared with Telco

#### Telco Protection:

Fuseless/Auto-Resetting	Yes
Clamping Level	260V
Capacitance	30 pf (approx.)
Suppression Modes	Metallic & Longitudinal
Wires Protected	2 wire, 1 pair (4,5)
Connectors	RJ-45 Shared with LAN

#### Satellite Protection:

Shielded	Yes
Clamping Level	27V
Frequency Range	950MHz - 2.2GHz
Insertion Loss	<1 dB
Connections	Female "F", Gold Plated

#### CATV Protection:

Bi-Directional	Yes
Shielded	Yes
Clamping Level	1.5V
Frequency Range	5-950 MHz
Insertion Loss	<1 dB
Connections	Female "F", Gold Plated

#### General:

Lightning Protection	Yes
Product Warranty	Lifetime
Connected Equipment Protection Policy	Up to \$5,000,000

Specifications subject to change without notice due to continuing product updates and improvements.

\*Patent Pending



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Designed in U.S.A.  
Made in China



Model: M8HC-PRO

### FEATURES & INCLUDED ACCESSORIES

Noise Filtration/Surge Protection For Home Theater Systems - Including PLASMA TV, VCR, DVD, SATELLITE RECEIVER

- DC Trigger Input with Status LED
- Solid-State Ethernet and Telephone Line Protection
- Eight AC Outlets (Two Isolated Banks of 4 Outlets Each)
- Accepts Add-on Signal Line Modules to Accommodate System Expansion



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