



Powermax® 8

Advanced Series 8 Outlet Surge Protectors

ADVANCED TECHNOLOGY FOR SMALL BUSINESS AND HOME ELECTRONICS FROM PANAMAX!

Protect or Disconnect™

⚡ Protect or Disconnect™ safeguards equipment against all surges. In the event of a catastrophic surge, such as lightning, it completely *disconnects* AC power to connected equipment.

SignalPerfect™ Circuitry

⚡ Optimized signal line surge protection ensures a clean, clear signal.

Telephone line circuitry has solid-state SIDACTors® and auto-resetting PTCRs for maximum protection and reliability.

Shielded SignalPerfect™ Circuitry for coaxial lines uses solid-state components for the best protection and lowest interference levels possible.

Powermax® 8 Series Common Features:

- EMI/RFI noise filtration
- 8 protected AC power outlets
- Diagnostic indicator lights
- Eight ft. AC power cord
- \$100,000 Connected Equipment Warranty*

Powermax® 8 DBS



For Direct Broadcast Systems

- Protect or Disconnect Circuitry
- SignalPerfect™ Coax Circuitry
- SignalPerfect™ Telephone Circuitry with auto-resetting capability
- Protection for 1 satellite coax line, 2 cable coax lines and 1 pay-per-view phone line
- Three-year expanded warranty for connected satellite receivers

Part # PM8DBS3



Powermax® 8 Coax

For Audio/Video systems

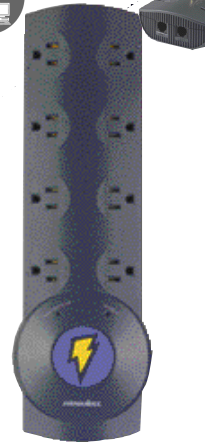


- Protect or Disconnect™ Circuitry
- SignalPerfect™ Coax Circuitry
- One protected coax line, gold plated connectors
- Cable modem ready

Part # PM8C

Powermax® 8 Tel

For Computers with Modems



- Protect or Disconnect™ Circuitry
- SignalPerfect™ Telephone Circuitry with auto-resetting capability

Part # PM8T

Powermax® 8

For AC Only Use



- Protect or Disconnect™ Circuitry

Part # PM8

PROTECTION POLICY

**CONNECTED EQUIPMENT
\$100,000
PROTECTION POLICY***

\$100,000 Lifetime Connected Equipment Protection Policy*

Panamax will protect your equipment or we will repair or replace up to \$100,000!

LIFETIME PRODUCT WARRANTY* | PRODUCT UPGRADE OFFER*

Lifetime Product Warranty

The surge protector shall be free of any defects in design, materials, or workmanship, and Panamax will repair or replace any defective unit.

Product Upgrade Offer

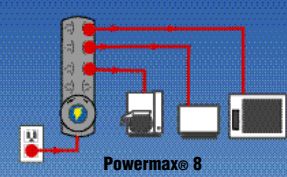
See policy for details on upgrade offer to replace damaged units.



PANAMAX®
The Surge Protection Specialist

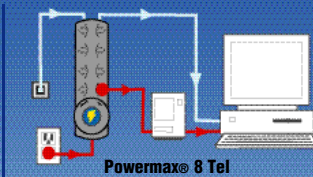
www.panamax.com
(800) 472-5555 (415) 499-3900
150 Mitchell Boulevard, San Rafael, CA 94903

ADVANCED POINT-OF-USE AC, PHONE, COAX AND SATELLITE SYSTEM SURGE PROTECTION



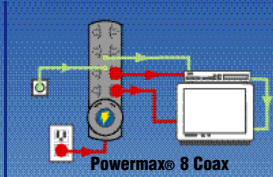
Powermax® 8

Typical application for protecting AC lines only with Powermax® 8.



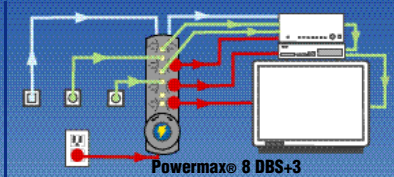
Powermax® 8 Tel

Application for protecting computer with modem connections using a Powermax® 8 Tel.



Powermax® 8 Coax

Application for protecting TV and VCR using a Powermax® 8 Coax.



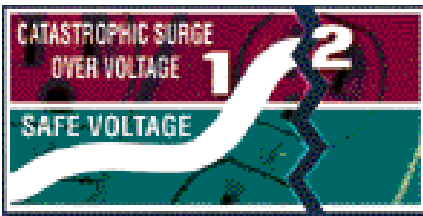
Powermax® 8 DBS+3

Application for protecting a satellite system (TV, satellite receiver, VCR, pay-per-view and coaxial lines) using Powermax® 8 DBS+3.

EXCLUSIVE NEW TECHNOLOGY FROM PANAMAX

Protect or Disconnect™

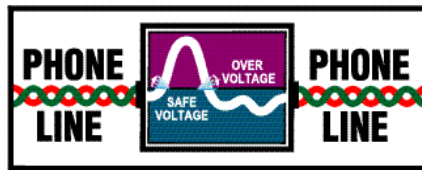
Safeguards equipment against all surges. In the event of a catastrophic surge, such as lightning, it completely disconnects AC power to connected equipment.



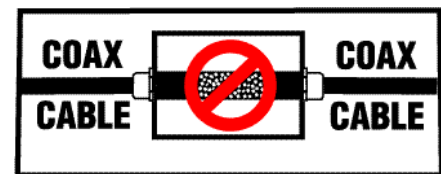
1. Catastrophic Surge
2. COMPLETE DISCONNECT

SignalPerfect™ Circuitry

Optimized surge protection for telephone and coaxial lines.



Telephone line circuitry has solid-state SIDACTors® and auto-resetting PTCRs for maximum protection and reliability.



Shielded SignalPerfect™ Circuitry for coaxial lines is optimized for the application (cable TV or digital satellite) and uses solid-state components for the best protection and reliability.

TECHNICAL SPECIFICATIONS

AC SURGE PROTECTION

Protect or Disconnect™ Circuitry.....	Yes
Thermal Fusing.....	Yes
Catastrophic Surge Circuit.....	Yes
Single Pulse Energy Dissipation.....	1020 Joules
Spike Capacity.....	48,000 A
EMI/RFI Noise Filtration.....	50db (99.97%)
Line Voltage.....	120VAC, 50/60Hz
Initial Clamping Level.....	141V Rms/200V Peak
Protection Modes.....	L-N, L-G, N-G
Maximum Current Rating.....	15A(1800W)
Response Time.....	<1 nanosecond

*200V Corresponds to the peak of a 141V Sine Wave

GENERAL

UL® 1449 Rating.....	330V
Lightning Protection.....	Yes
Product Warranty.....	Lifetime
Product Upgrade Policy.....	Yes
Connected Equipment Protection Policy.....	Up to \$100,000
Expanded Satellite Receiver and LNB.....	Powermax® 8 DBS+3 only

SignalPerfect™ SPECIFICATIONS:

SignalPerfect™ Circuitry.....	PM8T, PM8C, PM8DBS3
TELCO PROTECTION (Powermax 8 Tel, Powermax 8 DBS)	
Fuseless/Auto-Resettable.....	Yes
Clamping Level.....	260V
Capacitance.....	50 pf (approx.)
Suppression Modes.....	Metallic & Longitudinal
Wires Protected.....	2 wire, 1 pair (3,4)
Connectors.....	RJ-11

COAX PROTECTION (Powermax 8 Coax, Powermax 8 DBS+3)

Lines Protected (Powermax 8 Coax).....	1
Lines Protected (Powermax 8 DBS+3).....	2
Clamping Level.....	0.7V
Insertion Loss.....	<1 dB
Connections.....	Female "F"

SATELLITE PROTECTION (Powermax 8 DBS+3)

Clamping Level.....	27V
Frequency Range.....	950MHz-2GHz
Insertion Loss.....	<1 dB
Connections.....	Female "F"

Designs and specifications subject to change without notice due to product improvement.

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