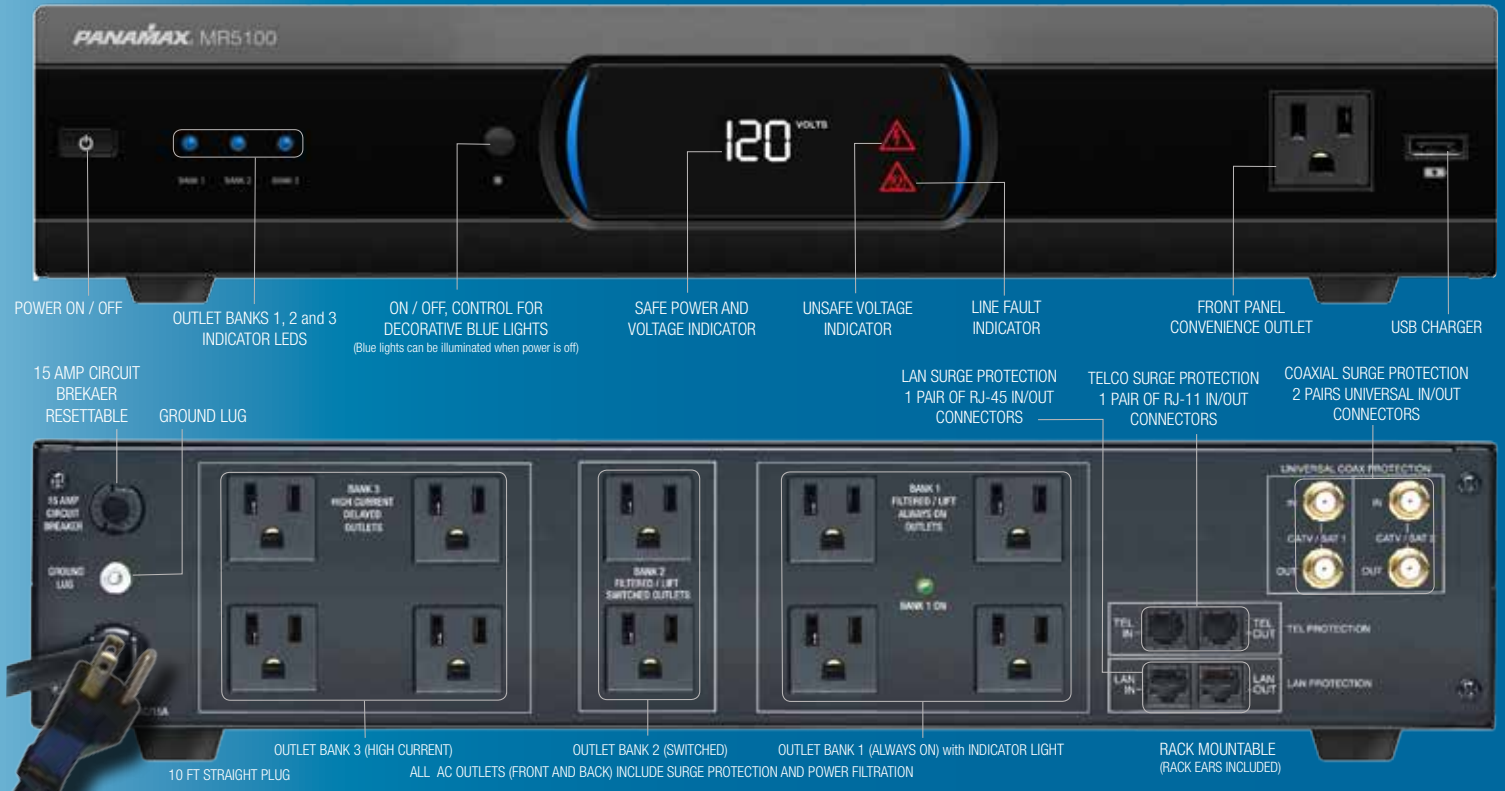# HOME THEATER POWER MANAGEMENT
Model: MR5100

Specifically designed and engineered to provide protection, filtration and power monitoring for your home theater system.

POWER ON / OFF

OUTLET BANKS 1, 2 and 3 INDICATOR LEDS

ON / OFF, CONTROL FOR DECORATIVE BLUE LIGHTS
(Blue lights can be illuminated when power is off)

SAFE POWER AND VOLTAGE INDICATOR

UNSAFE VOLTAGE INDICATOR

LINE FAULT INDICATOR

FRONT PANEL CONVENIENCE OUTLET

USB CHARGER

15 AMP CIRCUIT BREKAER RESETTABLE

GROUND LUG

LAN SURGE PROTECTION 1 PAIR OF RJ-45 IN/OUT CONNECTORS

TELCO SURGE PROTECTION 1 PAIR OF RJ-11 IN/OUT CONNECTORS

COAXIAL SURGE PROTECTION 2 PAIRS UNIVERSAL IN/OUT CONNECTORS

OUTLET BANK 3 (HIGH CURRENT)

10 FT STRAIGHT PLUG

OUTLET BANK 2 (SWITCHED)

ALL AC OUTLETS (FRONT AND BACK) INCLUDE SURGE PROTECTION AND POWER FILTRATION

OUTLET BANK 1 (ALWAYS ON) with INDICATOR LIGHT

RACK MOUNTABLE (RACK EARS INCLUDED)

FEATURES

- 11 Protected & Filtered Power Outlets
- Exclusive Automatic Voltage Monitoring (AVM)
- Protect or Disconnect™ Technology
- Linear Level 4 Noise Filtration
- Antenna, Cable, or Satellite, TEL and LAN Signal Protection
- 10 ft. Power Cable with Straight Plug

SPECIFICATIONS

AC PROTECTION

Protect or Disconnect Circuitry	Yes
Patented Power Management Circuit	Yes
Overvoltage Shutoff	140V ±3V
Undervoltage Shutoff	100V +/-1V
Thermal Fusing	Yes
Line Voltage	120VAC, 50/60HZ
Initial Clamping Level	200V Peak, 141VRMS
Voltage Protection Rating (UL 1449 3rd Edition, 3,000A)	400V
Protection Modes	L-N, L-G, N-G
Maximum Current Rating	15A (1800W)
EMI/RFI Noise Filtration	Panamax Level 4 Noise Filtration*
Response Time	< 1ns
Single Pulse Energy Dissipation	2025 Joules
Peak Impulse Current	52,000 A

TEL PROTECTION

Fuseless/Auto-Resetting	Yes
Clamping Level	260V
Wires Protected	2 Wire, 1 Pair (4, 5)
Connectors	RJ-11

LAN PROTECTION

Clamping Level	62±6V @ 1 mA
Compatibility	10/100/1000bT
Wires Protected	8-Wires
Connectors	RJ-45

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
Connections	Female "F", Gold Plated

WEIGHTS, DIMENSIONS AND UPC CODES

MODEL	UNIT DIMENSIONS	WEIGHT	CARTON DIMENSIONS	WEIGHT	UPC	MASTER PACK QTY	MASTER PACK UPC
MR5100	12"l x 17"w x 3.5"h 4"h with feet	13.5 lbs	20" x 24" x 10.3"	18 lbs	050616008945	1	50050616008940

*Go to www.panamax.com for detailed noise filtering information.
Specifications subject to change due to product upgrades and improvements

$5,000,000 Limited Connected Equipment Policy*
Limited 3 Year Product Warranty*
*See enclosed documentation for details.

CSA

RoHS COMPLIANT