LOOKING FOR CRYSTAL CLEAR PICTURE AND SOUND?



nating noise across the entire AC bandwidth. 60% more efficient at eliminating noise than single stage linear filtration (Level 2).



3 Isolated Outlet Banks

Isolating outlet banks from one another prevents noise contamination between components.



· High Current Outlets

2 outlets for equipment with high power demands (Amps/Subwoofers).



USB Charger

Convenience charger for mp3 players, cell phones, and other small electronics.



Gaming LAN Port

Easy access to LAN port on front panel. Perfect for online gaming.



· Digital Volt Meter

Monitor the voltage supplying your home theater equipment.



12 Volt Trigger

Allows source equipment to activate or deactivate the outlets on the M5100-PM.



Power Sequencing

Guards against blown fuses and potentially damaging speaker thump by automatically powering outlets on and off in sequence.



11 Outlets

5 Always On, 4 Switched, 2 Switched High



AVM (Automatic Voltage Monitoring)

Protects equipment against prolonged over/ under voltages by disconnecting the power and reconnecting it when safe power returns.

MAX_® 5100-PM

HOME THEATER POWER MANAGEMENT

1 Improves Picture and Sound Quality Level 3 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.

Reduces Cross-Contamination Between Components The M5100-PM is designed to provide noise isolation between 3 isolated outlet banks including 2 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



MAX® 5100-PM BACK PANEL FEATURES

other outlet banks.

1 Circuit Breaker: Automatically opens when the current load is greater than 15 Amps. Push to reset.

2. Outlet Bank 3 Two switched, high-current outlets controlled by the front panel Power Button or the DC Trigger input. Bank 3 has a 5 second turn on delay and turns off immediately. 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 all 3. Outlet Bank 2

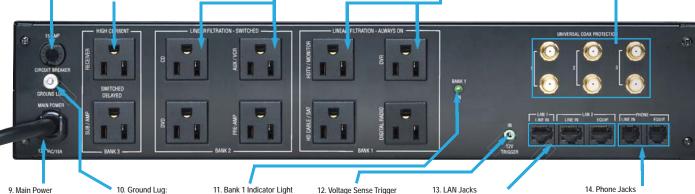
Four isolated, switched outlets with linear filtration technology (LiFT) controlled by the front panel Power Button or the DC Trigger input. Bank 2 will turn on immediately and turn off after 10 seconds. LIFT EMI/RFI noise filtration is provided by a twostage balanced Pi filter which also provides noise isolation from Outlet Banks 1 and 3.

4. Outlet Bank 1

Four always-on outlets with linear filtration technology (LiFT). Power will only be turned off under a fault condition. (See specifications for over-voltage and under-voltage thresholds) Power is cleaned by a two-stage balanced Pi filter which also provides noise isolation from Outlet Banks 2 and 3.

Universal TV Coaxial Jacks 3 pairs of bidirectional protection circuits optimized for satellite, cable, and antenna

TV signal lines.



Must be plugged into a properly wired & grounded 3-wire outlet.

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

Normally ON, is lit when there is power present on the Bank 1 receptacles.

12. Voltage Sense Trigger Input

3.5mm (1/8") mono mini-plug. Connect to a remote trigger device that uses a DC output to trigger a startup/shutdown

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. 1 LAN jack goes to the front panel output jack. 8 wire protection, 50V clamping.

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.

MAX® 5100-PM SPECIFICATIONS

Dimensions17 in. W >	12.75 in. D x 3.5 in H, (4.1 in. Including feet)
Weight	13.5 lbs
AC Power	
Line Voltage	120V, 60Hz
Total Current Capacity	15 A
UL1449 Suppression Rating	330
Protection Modes	L-N, L-G, N-G
Initial Clamping Level	200V
Energy Dissipation	2310 Joules
Peak Impulse Current	90,000 Amps
Catastrophic Surge Circuit	Yes
Thermal Fusing:	Yes
Over-voltage shutoff	142 VAC ± 5 VA
Under-voltage shutoff	90 VAC ± 2 VA
EMI/RFI Noise Filtration	
Banks 1 & 2	80 db, 100 KHz – 2 MHz
Bank 3, High Current Outlets	60 db, 100 KHz – 2 MHz
DC Trigger Input	
Jacks	3.5mm mono mini-plug
Voltage and Polarity	3 - 24V DC, bidirectional
Current Requirement	4.6 mA @3V, 58 mA @24

Clamping Level	50V
Jacks	
Wires Protected:	
USB Circuit	
Jacks	USB-A
Power Delivery	500 mA @5VD0
Telephone Circuit	
Fuseless/Auto-resetting	Yes
Clamping Level	260V
Capacitance	30pf (approx.)
Suppression Modes	Metallic & Longitudinal
Connections	RJ-11
Lines Protected	2-Wire, Pins 4 & 5
Cable and Satellite TV Circuits	
HD 1080 i/p Ready	
Bidirectional	Ye
	Yes
Shielded	
ShieldedClamping Level	75\
Clamping Level	0MHz - 2.2 GH:

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

MODEL M51	00-PM	UNIT CARTON		MASTER CARTON				
Dimensions	Weight	Dimensions	Weight	UPC	Qty	Dimensions	Weight	UPC
17" x 12.75" x 3.5" 4.1" H with feet	13.5 lbs	23.75" x 19.25" x 9.25"	18 Lbs	0 50616 00817 4	1	23.75" x 19.75" x 9.75"	19 Lbs	5 00 50616 00817 9



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