LOOKING FOR CRYSTAL CLEAR PICTURE AND SOUND?



quality by eliminating noise across the entire AC bandwidth.

Voltage Regulation

Improve system performance and prolong equipment life by providing a consistent level of optimal power to your equipment.



AVM (Automatic Voltage Monitoring)

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



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.



5 Isolated Outlet Banks

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



12 Volt Trigger

Allows source equipment to activate or deactivate the outlets on the M5400-PM.



Power Sequencing

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



5 Always On, 4 Switched, 2 Switched High Current.

MAX® **5400-PM**

HOME THEATER POWER MANAGEMENT

Voltage Regulation

Improve system performance and prolong equipment life by providing a consistent level of optimal power to your equipment.

2 Improves Picture and Sound Quality

Level 4+ Power Cleaning and 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.

3 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 under voltage or an over voltage, a flashing red lightning bolt will be displayed 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.

4 Reduces Cross-Contamination Between Components

The M5400-PM is designed to provide noise isolation between 5 isolated outlet banks (including 1 bank with 2 high current outlets) so that any noise created by an A/V component cannot contaminate the power going to equipment plugged into another outlet bank.



MAX® 5400-PM BACK PANEL FEATURES

1 15A Main Circuit Breaker: Automatically opens when the current load is greater than 15

Amps. Push to reset.

2 Outlet Bank 5

Two switched, high-current outlets controlled by the front panel Power Button or the DC Trigger in-put. Bank 5 has a 5 second turn on delay and turns off immediately upon shutdown. The High Current outlets provide power from a low impedance noise filtration circuit that does not limit the current to your equipment. Its output is noise-isolated from all other outlet banks

3. Outlet Banks 3 and 4

Each bank features two switched outlets with voltage regulation and linear filtration technology (LiFT) controlled by the front panel Power Button or the DC Trigger input. Banks 3 & 4 will turn on immediately and turn off after a 10 second delay. LIFT EMI/RFI noise filtration is provided by a two-stage balanced Pi filter which also provides noise isolation from all other outlet banks

4. Outlet Banks 1 and 2

Each bank features two always-on outlets with voltage regulation and linear filtration technology (LiFT). Power will only be turned off under a fault condition. (See specifications for over-voltage and under-voltage thresholds). LiFT EMI/RFI noise filtration is provided by a two-stage balanced Pi filter which also provides noise isolation from all other outlet banks.

5. Universal Coaxial Connectorss

3 pairs of bidirectional protection circuits optimized for satellite, cable, and antenna TV signal lines



Input

6. Main Power Cord 10ft. Must be plugged into a properly wired & grounded 3-wire outlet.

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

8. Bank 1 & 2 Indicator Light

Normally ON, is lit when there is power present on the Bank 1 and 2 receptacles.

17 in W v 12 75 in D v 2 5 in H (4.1 in Including foot)

9. Voltage Sense Trigger Output

3.5mm (1/8") Mini-Plug jack Connecting a trigger wire to the Voltage Sense Output jack will allow the input signal to pass through the M5400-PM to control the startup/shutdown of an additional device

10. Voltage Sense Trigger 11. LAN Jacks

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

Protection circuits for 10/100 baseT Ethernet lines. For the LAN 2 protected jacks, the incoming LAN line MUST be plugged into the LINE jack and the patch cord to the equipment MUST be plugged into the EQUIP jack. For the LAN 1 protected jacks the incoming LAN line must be plugged into the LINE jack and the equipment must be plugged into the gaming jack on the front panel. 8 wire protection, 52V clamping.

12. Phone Jacks

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® 5400-PM SPECIFICATIONS

Dimensions	5 in. D x 3.5 in H, (4.1 in. Including feet)	Jacks
Weight	36 lbs.	Voltage and Polarity
		Current Requirement
Catastrophic Surge Circuit		DC Trigger Output
Auto-Resetting Over-voltage shutoff		Pass through
Auto-Resetting Under-voltage shutoff		Positive = Tip, Negative = Ri
Thermal Fusing:		
Line Voltage		LAN Circuits
Initial Clamping Level		Clamping Level
UL1449 Suppression Rating		Wires Protected:
Protection Modes		Connectors
Maximum Current Rating		
Energy Dissipation		USB Circuit
Peak Impulse Current	72,000 A	Jacks
		Power Delivery
EMI/RFI Noise Filtration		
Banks 1, 2, 3, 4		Telco Protection
Bank 5, High Current Outlets	60 db, 100 KHz – 2 MHz	Fuseless/Auto-resetting
		Clamping Level
Voltage Regulation (Banks 1-4)		Capacitance
Power / Current		Suppression Modes
Input Voltage Range:		Wires Protected
Output Voltage Range:		Connectors
Buck Stage:		
Boost Stage 1:		Universal Coax Protection
Boost Stage 2:	boosts voltage in the 100-109 V range	HD 1080 i/p Ready
		Shielded
		Clamping Level
		Frequency Range
		Insertion Loss
		Connections
Specifications are subject to changes due to produc	ct upgrades and improvements.	Bidirectional

DC Trigger Input Jacks	
	3 - 24V DC, Bidirectional
	4.6 mA @3V, 58 mA @24V
DC Trigger Output	
Pass through	no delay
Positive = Tip, Negative = Ring	
LAN Circuits	
Clamping Level	52V
Wires Protected:	8-Wires
Connectors	RJ-45
USB Circuit	
to all a	
	USB-A
Power Delivery	500 mA @ 5VDC
Power Delivery Telco Protection	500 mA @ 5VDC
Power Delivery Telco Protection Fuseless/Auto-resetting	
Power Delivery Telco Protection Fuseless/Auto-resetting Clamping Level	
Power Delivery Telco Protection Fuseless/Auto-resetting Clamping Level Capacitance	
Power Delivery Telco Protection Fuseless/Auto-resetting Clamping Level Capacitance Suppression Modes	
Power Delivery Telco Protection Fuseless/Auto-resetting	
Power Delivery Telco Protection_ Fuseless/Auto-resetting. Clamping Level Capacitance Suppression Modes Wires Protected. Connectors	
Power Delivery Telco Protection Fuseless/Auto-resetting Clamping Level Capacitance Suppression Modes Wires Protected Connectors Universal Coax Protection	
Power Delivery Telco Protection Fuseless/Auto-resetting Clamping Level Capacitance Suppression Modes Wires Protected. Connectors Universal Coax Protection HD 1080 i/p Ready	
Power Delivery	
Power Delivery Telco Protection Fuseless/Auto-resetting	
Power Delivery	
Power Delivery	

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

MODEL M5400-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	36 lbs	23.75" x 18.5" x 10"	39.5 Lbs	0 50616 00815 0	1	Same as Unit Carton	39.5 Lbs	5 00 50616 00815 5

