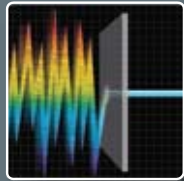


Panamax PM Component Family



Surge
Protect



Noise
Filter



Picture
& Sound
Improved



Connected
Equipment
Longevity



Three Year
Warranty

Applications for:

- TVs
- DVRs
- Receivers
- Modems
- Amplifiers
- Subwoofers
- Set Top Boxes



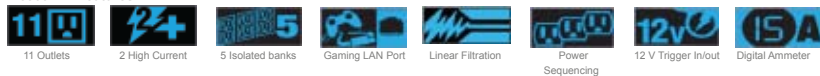
It's What's
Inside
That Counts

- Patented Technology
- 35 Years Engineering Experience
- Linear Filtration for Improved Performance
- Automatic Voltage Monitoring
- Protect-or-Disconnect Circuitry
- USB Charging Port

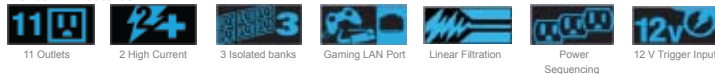
M5400-PM Features



M5300-PM Features



M5100-PM Features



M4300-PM Features



Standard Features (All Models)



PRODUCT FAMILY INCLUDES:

- M5400-PM
- M5300-PM
- M5100-PM
- M4300-PM



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PANAMAX
ADVANCED POWER MANAGEMENT SOLUTIONS

M5400-PM Front and Back Panel Features (includes Voltage Regulation)

Power Indicators: Indicates the status of the rear panel outlets.

Meter/Front Panel LED Dimmer: For meter and front panel LED brightness.

Unsafe Voltage Indicator: Flashes red to indicate that the incoming line voltage is unsafe and the unit has disconnected the power to protect your equipment.

USB Charging Port: For charging portable electronic devices while protecting them from unsafe voltages.

Gaming Outlet: Convenient front panel outlet provides surge protection for gaming systems, digital cameras, camcorders, and other devices.

Power Button: To turn Bank 3, 4, and 5 outlets ON or OFF.

Wiring OK LED: Indicates that the wall outlet is properly grounded and Line/Neutral polarity is correct.

Digital Voltmeter: Digital LED voltmeter indicates the incoming line voltage.

Digital Ammeter: Shows the actual current draw (0-15A) of the connected components system.

Convenience LAN Port: Offers an Ethernet pass-thru connection between the front and rear panel.

Outlet Banks 3 and 4: Two switched outlets with linear filtration technology (LIFT). LIFT EMI/RFI noise filtration is provided by a two-stage balanced Pi filter which also provides noise isolation from all other outlet banks.

Outlet Banks 1 and 2: Two always-on outlets with linear filtration technology (LIFT). Two-stage balanced Pi filter also provides noise isolation from all other outlet banks.

Bank 1 and 2 Indicator Light: Lit when there is power present on Bank 1 and 2 outlets.

Universal TV Coaxial Jacks: 3 pairs of bidirectional protection circuits.

Circuit Breaker: Automatically opens when the current load is greater than 15 Amps.

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

Main Power: Detachable 10 ft. power cord.

Outlet Bank 5: Two switched, high current outlets. 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 other outlet banks.

Voltage Sense Trigger Output: Allows the input signal to pass through the M5400-PM to control the start-up/shutdown of an additional device.

Voltage Sense Trigger Input: Connect to a remote trigger device that uses a DC output to trigger a start-up/shutdown sequence.

Phone Jacks: Protection circuits for standard telephone DSL or pay-per-view lines. Phone circuit is auto-resetting.

LAN Jacks: Protection circuits for 10/100baseT Ethernet lines.

M5300-PM Front and Back Panel Features

Power Indicators: Indicates the status of the rear panel outlets.

Meter/Front Panel LED Dimmer: For meter and front panel LED brightness.

Unsafe Voltage Indicator: Flashes red to indicate that the incoming line voltage is unsafe and the unit has disconnected the power to protect your equipment.

USB Charging Port: For charging portable electronic devices while protecting them from unsafe voltages.

Gaming Outlet: Convenient front panel outlet provides surge protection for gaming systems, digital cameras, camcorders, and other devices.

Power Button: To turn Bank 3, 4, and 5 outlets ON or OFF.

Wiring OK LED: Indicates that the wall outlet is properly grounded and Line/Neutral polarity is correct.

Digital Voltmeter: Digital LED voltmeter indicates the incoming line voltage.

Digital Ammeter: Shows the actual current draw (0-15A) of the connected components system.

Convenience LAN Port: Offers an Ethernet pass-thru connection between the front and rear panel.

Outlet Banks 3 and 4: Two switched outlets with linear filtration technology (LIFT). LIFT EMI/RFI noise filtration is provided by a two-stage balanced Pi filter which also provides noise isolation from all other outlet banks.

Outlet Banks 1 and 2: Two always-on outlets with linear filtration technology (LIFT). Two-stage balanced Pi filter also provides noise isolation from all other outlet banks.

Bank 1 and 2 Indicator Light: Lit when there is power present on Bank 1 and 2 outlets.

Universal TV Coaxial Jacks: 3 pairs of bidirectional protection circuits.

Circuit Breaker: Automatically opens when the current load is greater than 15 Amps.

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

Main Power: Detachable 10 ft. power cord.

Outlet Bank 5: Two switched, high current outlets. 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 other outlet banks.

Voltage Sense Trigger Output: Allows the input signal to pass through the M5300-PM to control the start-up/shutdown of an additional device.

Voltage Sense Trigger Input: Connect to a remote trigger device that uses a DC output to trigger a start-up/shutdown sequence.

Phone Jacks: Protection circuits for standard telephone DSL or pay-per-view lines. Phone circuit is auto-resetting.

LAN Jacks: Protection circuits for 10/100baseT Ethernet lines.

M5100-PM Front and Back Panel Features

Power LEDs: Indicates the status of the rear panel outlets.

Wiring OK LED: Indicates that the wall outlet is properly grounded and Line/Neutral polarity is correct.

Meter/Front Panel LED Dimmer: For meter and front panel LED brightness.

Unsafe Voltage Indicator: Flashes red to indicate that the incoming line voltage is unsafe and the unit has disconnected the power to protect your equipment.

Power Button: To turn Bank 2 and Bank 3 outlets ON or OFF.

Gaming Outlet
Convenient front panel outlet provides surge protection for gaming systems, digital cameras, camcorders, and other devices.



Digital Voltmeter Digital LED voltmeter indicates the incoming line voltage.

USB Charging Port For charging portable electronic devices while protecting them from unsafe voltages.

Convenience LAN Port Offers a bi-directional Ethernet pass-thru connection between the front and rear panel.

Circuit Breaker Automatically opens when the current load is greater than 15 Amps.

Outlet Bank 3 Two switched, high-current outlets controlled by the front panel Power Button or the DC Trigger input.

Outlet Bank 2 Four switched outlets with linear filtration technology (LIFT) controlled by the front panel Power Button or the DC Trigger input.

Outlet Bank 1 Four always-on outlets with linear filtration technology (LIFT).

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

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

Phone Jacks
Protection circuits for standard telephone, DSL or pay-per-view lines. Phone circuit is auto-resetting.



Main Power 10 ft. power cord.

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

Voltage Sense Trigger Input Connect to a remote trigger device that uses a DC output to trigger a startup/shut-down sequence.

LAN Jacks Protection circuits for 10/100baseT Ethernet lines. 8 wire protection, 50V clamping.

M4300-PM Front and Back Panel Features

Outlet Bank Power LED Icons: Indicates the status of the corresponding rear panel outlets.

Digital Voltmeter: Digital LED voltmeter indicates the incoming line voltage.

Unsafe Voltage Indicator: Flashes red to indicate that the incoming line voltage is unsafe and the unit has disconnected the power to protect your equipment.

Light/Meter/Front panel LED dimmer: For varying levels of brightness.

Power Button: To turn Bank 1 and Bank 2 outlets ON or OFF.

Front Panel Lights: 2 switchable convenience lights.

USB Charger: Convenience charger for mp3 players, cellphones, and other small electronics.

Gaming Outlet: Convenience outlet located on the front panel.



Outlet Bank 2: Four switched, High Current outlets.

The High Current Outlets: Provide power from a low impedance noise filtration circuit that does not limit the current to your equipment.

Outlet Bank 1: Four switched linear filtered outlets.

Linear (LIFT) EMI/RFI Noise Filtration: A two stage tapped Pi filter circuit which also provides noise isolation from all four outlets in Bank 2.

LAN Protection: Circuits for 10/100baseT Ethernet lines.

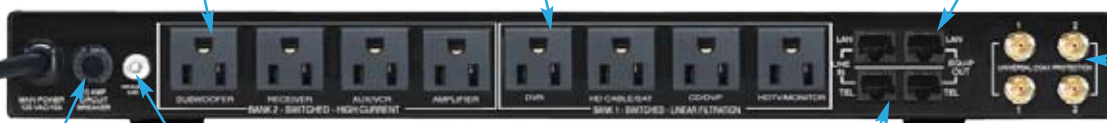
Universal TV Coaxial Jacks: 2 pairs of bidirectional protection circuits.

Main Power 10 ft power cord.





Circuit Breaker: Automatically opens when the current load is greater than 15 Amps.

Ground Lug: Provides a common grounding point.

Phone Jacks: Protection circuits standard telephone, DSL or pay-per-view lines. Phone circuit is



Maximize control, performance and longevity of your home theater system with Panamax.

Specifications				
AC Features				
Noise Filtration	Banks 1, 2, 3, 4.....80 dB (100 KHz - 2 MHz) Bank 5, H-C Outlets...60 dB (100 KHz - 2 MHz)	Banks 1, 2, 3, 4.....80 dB (100 KHz - 2 MHz) Bank 5, H-C Outlets...60 dB (100 KHz - 2 MHz)	Filtered Banks.....56 dB (100 KHz - 2 MHz) H-C Outlets.....50 dB (100 KHz - 2 MHz)	Filtered Banks.....60 dB (100 KHz - 2 MHz) H-C Outlets.....49 dB (100 KHz - 2 MHz)
# of Isolated Banks	5	5	3	2
Voltage Regulation	Yes	No	No	No
Total Outlets	11	11	11	9
DC Trigger Input	Yes	Yes	Yes	No
DC Trigger Output	Yes	Yes	No	No
Always On Outlets	5 outlets	5 outlets	5 outlets	0 outlets
Switched Outlets	4 outlets	4 outlets	4 outlets	5 outlets
High Current Outlets	2 outlets delayed	2 outlets delayed	2 outlets delayed	4 outlets switched
Catastrophic Surge Circuit	Yes	Yes	Yes	Yes
Over-voltage Shutoff	142 VAC ± 5 VAC	142 VAC ± 5 VAC	142 VAC ± 5 VAC	142 VAC ± 5 VAC
Under-voltage Shutoff	90 VAC ± 2 VAC	90 VAC ± 2 VAC	90 VAC ± 2 VAC	90 VAC ± 2 VAC
Thermal Fusing	Yes	Yes	Yes	Yes
Line Voltage	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz
Initial Clamping Level	200V	200V	200V	200V
Voltage Protection Rating UL 1449 3rd Edition, 3,000A	500V	500V	500V	500V
Protection Modes	L-N, L-G, N-G	L-N, L-G, N-G	L-N, L-G, N-G	L-N, L-G, N-G
Total Current Capacity	15 A	15 A	15 A	15 A
Energy Dissipation	2125 Joules	2125 Joules	1875 Joules	1650 Joules
Peak Impulse Current	72,000 Amps	72,000 Amps	65,000 Amps	65,000 Amps
Protect or Disconnect™	Yes	Yes	Yes	Yes
Automatic Voltage Monitoring	Yes	Yes	Yes	Yes
LAN Circuits				
Clamping Level	52V	52V	50V	50V
Wires Protected	8-Wires	8-Wires	8-Wires	8-Wires
Connectors	RJ-45	RJ-45	RJ-45	RJ-45
USB Circuit				
Jacks	USB-A	USB-A	USB-A	USB-A
Power Delivery	500 mA @5VDC	500 mA @5VDC	500 mA @5VDC	500 mA @5VDC
Telco Protection				
Fuseless/Auto-resetting	Yes	Yes	Yes	Yes
Clamping Level	260V	260V	260V	260V
Capacitance	30pf (approx.)	30pf (approx.)	30pf (approx.)	30pf (approx.)
Suppression Modes	Metallic & Longitudinal	Metallic & Longitudinal	Metallic & Longitudinal	Metallic & Longitudinal
Wires Protected	2-Wire, Pins 4 & 5	2-Wire, Pins 4 & 5	2-Wire, Pins 4 & 5	2-Wire, Pins 4 & 5
Connectors	RJ-11	RJ-11	RJ-11	RJ-11
Universal Coax Protection				
HD 1080 i/p Ready	Yes	Yes	Yes	Yes
Bidirectional	Yes	Yes	Yes	Yes
Shielded	Yes	Yes	Yes	Yes
Clamping Level	75V	75V	75V	75V
Frequency Range	0MHz - 2.2 GHz	0MHz - 2.2 GHz	0MHz - 2.2 GHz	0MHz - 2.2 GHz
Insertion Loss	< 0.5 dB	< 0.5 dB	< 0.5 dB	< 0.5 dB
Connections	Female "F", Gold Plated	Female "F", Gold Plated	Female "F", Gold Plated	Female "F", Gold Plated
Warranty/Policies*				
3 Year Limited Product Warranty	Yes	Yes	Yes	Yes
\$5 Million Limited Connected	Yes	Yes	Yes	Yes

*See actual warranty and policy documents for details.



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