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M5400-PM

Premium Home Theater Power Manager/ Voltage Regulator

*Improves picture and sound quality.
Monitors, and reduces cross contamination.*

- Clean power level 4+
- Voltage regulation
- AVM (Automatic Voltage Monitoring)
- High current outlets. 2 outlets for equipment with high power demands (Amps / Subwoofers)
- USB charger
- Gaming LAN port. Easy access to LAN port on front panel. Perfect for online gaming
- 11 Outlets
- 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

M5400-PM Premium Home Theater Power Manager/Voltage Regulator



Specifications

| | |
|--|-------------------------|
| Voltage Suppression Rating | 330V |
| Peak Impulse Current | 72,000 A |
| Energy Dissipation | 2125 Joules |
| LAN - Wires Protected | 8-Wires |
| LAN - Connectors | RJ-45 |
| LAN - Compatibility | 10/100bT |
| LAN - Clamping Level | 52V |
| USB Circuit - Power Delivery | 500 mA @ 5VDC |
| USB Circuit - Jacks | USB-A |
| Telco Protection - Wires Protected | 2-Wire, Pins 4 & 5 |
| Telco Protection - Suppression Modes | Metallic & Longitudinal |
| Telco Protection - fuseless/Auto-resetting | Yes |
| Telco Protection - Connectors | RJ-11 |
| Telco Protection - Clamping Level | 260V |
| Telco Protection - Capacitance | 30pf (approx.) |
| Universal Coax Protection - Shielded | Yes |
| Coax Protection - Insertion Loss | < 0.5 db |
| Coax Protection - HD 1080 i/p Ready | Yes |
| Coax Protection - Frequency Range | 0 MHz - 2.2 GHz |
| Coax Protection - Connections | Female "F", Gold Plated |
| Coax Protection - Clamping Level | 75V |
| Coax Protection - Bidirectional | Yes |

Other Specifications

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|--------------------------|--|
| Family | PM Series |
| Line Voltage | 120 (Volts) |
| Number of Outlets | 11 |
| Number of Isolated Banks | 5 |
| Outlet Descriptions | All 11 outlet voltage regulated, filtered, and surge protected. Banks 1 & 2 are always on Banks 3 & 4 are switchable from panel power button or 12V trigger Bank 5 outlets are high current and switchable from power button or 12V trigger |
| Rack Mountable | Yes |
| Rack Ears Included | Yes |
| Front Panel Meter(s) | 1 voltmeter (volts in), 1 voltmeter (volts out)/ammeter combo |
| Front Media Lights(s) | No |
| Control | On/Off control of switched outlets through front panel power button or rear panel DC trigger |
| Voltage Regulation | Regulation capture range: 100VAC to 136VAC Output voltage range: 120VAC ± 6VAC |
| Compliance | cCSAus |
| USB Charging | 1 front panel 500mA Usb charger. May not recognize all devices. Check manufactures power specifications of USB device |
| Low Voltage Trigger | 12 V, In/Out |
| AC Power Cord | 10 ft. Detachable |
| Dimensions | 17" W x 12.75" H X 3.5" H (4.1" Including feet) |

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|--------------------------|--|
| Weight | 20lbs |
| Under-voltage Shutoff | 86 VAC ± 6 VAC |
| AC Protection Technology | Voltage Regulation Protect or Disconnect Automatic Voltage Monitoring L-N, L-G,N-G Protection Modes Thermal Fusing |
| Over-voltage Shutoff | 142 VAC ± 8 VAC |
| Maximum Current Rating | 15 (Amps) |
| Initial Clamping Level | 200V Peak |
| Filtration Technology | LiFT |
| Filtration Rating | Bank 1, 2, 3, 4: 80 db (100 KHz _2 MHz) Bank 5, High Current Outlets: 60 db (100 KHz _2 MHz) |
| Signal Line Protection | 2 LAN, 1 Tel, 3 Cable/Satellite |
| Length | 24" |
| Width | 20.1" |
| Height | 10.4" |
| Weight | 24 (Lbs) |
| Unit of Measure | Each |
| UPC | 050616008150 |
| Master Pack Quantity | 1 |
| Warning | Cancer and Reproductive Harm www.P65Warnings.ca.gov |



15A Main Circuit Breaker

Automatically opens when the current load is greater than 15Amps. Push to reset

Ground Lug

Provides a common grounding point for equipment with separate ground leads

Main Power Cord 10ft

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

Outlet Bank 5

Two switched, high-current outlets controlled by the front panel Power Button or the DC Trigger input. 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 other outlet banks

Outlet Bank 3-4

Each bank features two switched outlets with voltage regulation and linear filtration technology (LiFT) controlled by the front panel Power Button on 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

Outlet Bank 1-2

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 other outlets banks

Voltage Sense Trigger Input

3.5mm (1/8") mono mini-plug

Voltage Sense Trigger Output

3.5mm (1/8") mini-plug

LAN Jacks

Protection circuits for 10/100 base T 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, 60V ± 5V clamping

Phone Jacks

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

Universal Coaxial Connectors

3 pairs of bi-directional protection circuits optimized for satellite, cable ad antenna TV signal lines

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