

MAX[®] 5300-EX

Improve Picture Quality with Home Theater Power Conditioners by Panamax



MAX[®] 5300-EX THE SOURCE OF PURE SOUND AND PICTURE™



TOP BENEFITS

1 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.

2 Monitors Incoming Line Voltage and Provides a Visual Indication of Power Level

Panamax's patent pending AVM™ circuitry continuously monitors the incoming power displayed on the digital meter. A red lightning bolt below the voltmeter will flash to indicate an under or over voltage condition. 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.

3 Reduces Cross-Contamination Between Components

The M5300-EX 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 the other outlet banks.

FEATURES

- **LEVEL 4** Power Cleaning and Filtration.
- Protect or Disconnect™ Automatic Voltage Monitoring Circuitry (AVM™)
- Digital Voltmeter (incoming voltage) and Power Status Indicator Lights
- 11 Outlets: 4 Always On, 4 Switched, 2 High Current, 1 Convenience (front)
- 3 Isolated Outlet Banks
- Coaxial Signal Line Protection: 2 HD Sat and 2 HD CATV
- Auto-resetting Telephone pay-per-view and LAN Line Protection
- DC Trigger input and output
- Rack Mounting Brackets Included
- Optional Silver Bezel



MAX® 5300-EX REAR PANEL FEATURES

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. Bank 3 has a 5 second turn on delay and turns off immediately. 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.



Main Power

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

Ground Lug

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

Outlet Bank 2

Four switched outlets controlled by the front panel Power Button or the DC Trigger input. Bank 2 will turn on immediately and turn off after 10 seconds. EMI/RFI noise filtration is provided by a three-stage balanced PI filter which also provides noise isolation from Outlet Banks 1 and 3.

Outlet Bank 1

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

Voltage Sense Trigger Input

3.5mm (1/8") Mini-Plug jack. Connect to a remote trigger device that uses a DC output to trigger a start-up/shutdown sequence. This bypasses the front panel power switch.

LAN Jacks

Protection circuits for 10/100 baseT Ethernet lines.

Phone Jacks

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

MAX® 5300-EX SPECIFICATIONS

AC Power		Telephone Circuit (pay-per-view)	
Line Voltage:	120V, 60Hz	Fuseless/Auto-resetting:	Yes
Total Current Capacity:	15 A	Clamping Level:	260V
UL1449 Suppression Rating:	330V	Capacitance:	30pf (approx.)
Protection Modes:	L-N, L-G, N-G	Suppression Modes:	Metallic & Longitudinal
Initial Clamping Level:	200V	Jacks:	RJ-11
Energy Dissipation:	1815 Joules	Wires Protected:	2-Wire, Pins 4 & 5
Peak Impulse Current:	73,000 Amps	DSL Compatible:	Yes
Catastrophic Surge Circuit:	Yes	HD Satellite TV Circuit	
Thermal Fusing:	Yes	Bidirectional:	Yes
Over-voltage shutoff:	142 VAC ±5 VAC	Shielded:	Yes
Under-voltage shutoff:	90 VAC ± 2 VAC	Clamping Level:	27V
EMI/RFI Noise Filtration		Attenuation:	< 1db from 950MHz-2.05GHz < 2.4db @ 2.2GHz
Banks 1 - 4:	90 db, 100 KHz - 2 MHz	Connections:	Female "F", Gold Plated
Bank 3, High Current Outlets:	60 db, 100 KHz - 2 MHz	HD Cable TV Circuit	
Common Mode (all banks)	60 db, 100 KHz - 2 MHz	Bidirectional:	Yes
DC Trigger Input		Shielded:	Yes
Jacks:	3.5mm (1/8") mini-plug	Clamping Level:	1.4V
Voltage and Polarity:	3 - 24V DC, bidirectional	Attenuation:	< 1db from 5MHz- 950MHz
Current Requirement:	4.6 mA @3V, 58 mA @24V	Connections:	Female "F", Gold Plated
LAN Circuit		Pay-Per-View Compatible:	Yes
Clamping Level:	8V ± 2V		
Jacks:	RJ-45		
Wires Protected:	4-Wires, Pins 1, 2, 3 & 6		

Specifications subject to change due to product upgrades and improvements.

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

MODEL M5300-EX		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	17 lbs	23.75" x 19.25" x 9.5"	20.5 Lbs	0 50616 00786 3	1	Same as Unit Carton	20.5 Lbs	5 00 50616 00786 8

OPTIONAL SILVER BEZEL

SILVER BEZEL	PRODUCT			UNIT CARTON			MASTER CARTON			
Model #	Dimensions	Weight	Dimensions	Weight	UPC	Qty	Dimensions	Weight	UPC	
BEZ5300-EXS	17" W x 0.625" D x 3.5" H	14.5 Oz	18" x 4" x 1"	18.5 Oz	0 50616 00792 4	N/A	N/A	N/A	N/A	



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