

Improve Picture Quality with Home Theater Power Conditioners by Panamax



MAX_® 4300-EX

THE SOURCE OF **PURE** SOUND AND PICTURE™



TOP BENEFITS_

Improves Picture and Sound Quality

LEVEL 2 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.

Monitors Incoming Line Voltage

Panamax's patent pending AVM circuitry continuously monitors the incoming line voltage and disconnects your equipment in the event of an over voltage or under voltage (brownout). Power is automatically reconnected when voltage returns to a safe level, eliminating service calls or system downtime.

3 Reduces Cross-Contamination Between Components

The M4300-EX is designed to provide noise isolation between 2 isolated outlet banks including 1 high current outlet so that any noise created by an A/V component can not contaminate the power going to equipment plugged into another outlet bank.

FEATURES _____

- LEVEL 2 Power Cleaning and Filtration
- Protect or Disconnect[™] Automatic Voltage Monitoring Circuitry (AVM)
- LED Power Status Indicator Lights
- 8 Outlets:
 - 3 Always On
 - 4 Switched
 - 1 High Current (always on)

- 2 Isolated Outlet Banks
- Coaxial Signal Line Protection:1 HD Sat and 1 HD CATV
- Auto-resetting Telephone (payper-view) and LAN Line Protection
- Rack Mountable (rack mount kit not included and sold separately-Part # GRM2205)
- Optional Silver Bezel







Circuit Breaker

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

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) Cable TV Coax Jacks

Bidirectional protection circuit optimized for cable TV, off-air antennas and cable modem signal lines.



Ground Lug

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

Outlet Bank 1 (continued)

The High Current outlet provides power from a non-inductive noise filtration circuit that does not limit the current to your equipment. Its output is noise isolated from all of the other outlets. Power from the other three always on outlets is cleaned by a two-stage tapped Pi filter circuit which provides noise isolation from both the High Current outlet and Outlet Bank 2.

Outlet Bank 2

Four switched outlets controlled by the front panel Power Button. EMI/AFI noise filtration is provided by a two stage tapped Pi filter circuit which also provides noise isolation from all four outlets in Bank 1.

LAN / Phone Jacks

Protection circuits for 10/100 haseT Ethernet and standard telephone or pay-per-view lines Phone circuit is auto-resetting.

Satellite TV Coax Jacks

Bidirectional protection circuit optimized for satellite TV signal lines.

Female "F", Gold Plated

Rack Mountable

(rack mount kit not included and sold separately - Rack Mount Kit Single DIN, Part # GRM2205)

MAX® 4300-EX SPECIFICATIONS -

AC Power	
Total Current Capacity:	15 A
UL1449 Suppression Rating:	
Protection Modes:	
Initial Clamping Level:	200V
Energy Dissipation:	
Peak Impulse Current:	52,000 Amps
Catastrophic Surge Circuit:	Yes
Thermal Fusing:	
Over-voltage shutoff:	142 VAC ±5 VAC
Under-voltage shutoff:	84 VAC ± 6 VAC
EMI/RFI Noise Filtration	
Bank 1, High Current Outlet:	49 db, 100 KHz - 2 MHz
Bank 1, Always ON Outlets:	61 db, 100 KHz - 2 MHz
Bank 2, Switched Outlets:	
Common Mode (all banks)	

Telephone Circuit (pay-per-view)

Fuseless/Auto-resetting:	Yes
Clamping Level:	260V
Capacitance:	
Suppression Modes:	
Jacks:	-
LINE:	RJ-45 (RJ-11 compatible)
Wires Protected:	2-Wire, Pins 4 & 5
EQUIP 1:	RJ-45 (RJ-11 compatible)
Wires Protected:	2-Wire, Pins 4 & 5
EQUIP: 2	RJ-11
Wires Protected:	2-Wire, Pins 3 & 4
DSL Compatible:	Yes

LAN Circuit

Clamping Level:	8V ± 2V
Jacks:	RJ-45
Wires Protected:	4-Wires Pins 1 2 3 & 6

HD Satellite TV Circuit .

Bidirectional:	Yes
Shielded:	Yes
Clamping Level:	27V
Attenuation:	< 1db from 950MHz - 2.05GHz
	< 2.4db @ 2.2GHz

HD Cable TV Circuit

Connections:_

TO Cable IV Circuit	
Bidirectional:	Yes
Shielded:	Yes
Clamping Level:	1.4V
Attenuation:	< 1db from 5MHz - 950MHz
Connections:	Female "F", Gold Plated
Pay-Per-View Compatible	Yes

Specifications subject to change due to product upgrades and improvements.

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

MODEL M4300-EX UNIT CARTON			MASTER CARTON					
Dimensions	Weight	Dimensions	Weight UPC		Qty	Dimensions	Weight	UPC
17" x 7.25" x 1.75" 2.125" H with feet	6.5 lbs	19.5" x 12.125" x 5.25"	9.5 Lbs	0 50616 00784 9	4	26.6" x 20" x 11.25"	40 Lbs	5 00 50616 00784 4

OPTIONAL SILVER BEZEL

SILVER BEZEL	EZEL PRODUCT		UNIT CARTON			MASTER CARTON			
Model #	Dimensions	Weight	Dimensions	Weight	UPC	Qty	Dimensions	Weight	UPC
BEZ4300-EXS	17" W x 0.625" D x 1.75" H	14.5 Oz	18" x 4" x 1"	18.0 Oz	0 50616 00791 7	N/A	N/A	N/A	N/A