PRO Series

MAX_® 5510-PRO ACRegenerator™

POWER CONDITIONER



Improves Picture Quality

The MAX® 5510-PRO is designed to improve system performance and distribute clean, safe power to home theater equipment in an automated home.

Home **Automation**

RS-232 Interface allows automation







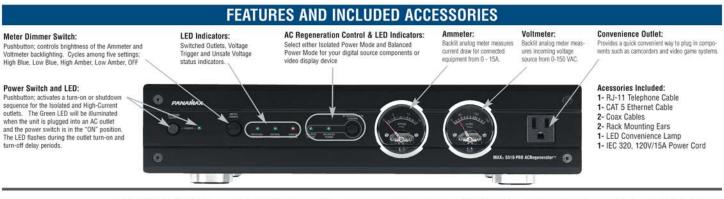
Noise Filtration & Isolation

The selectable Balanced/Isolated power modes allow the installer to match the unit's noise filtration and conditioning to the specific needs of an installation.

Model: M5510-PRO

MAX® 5510-PRO ACRegenerator™

- Isolated/Balanced Power Option
- RS-232 Interface provides seamless integration with home automation systems.



15A Main Circuit Breaker:

Opens in the event that equipment plugged into the MAX 5510 PRO

Isolated (Switched) Outlets:

Four outlets provide complete isola-tion for digital source components such as DVD players or display devices like plasma TVs or DLP projectors. These outlets are completely isolated from the rest of the system.

Filtered Outlet Banks 1 & 2:

Four, Always-On, Balanced Double L filtered outlets for low current analog audio components such as pre-amplifiers, receivers, VCR's and tape decks. Two outlets per filter bank.

Isolated Outlets Circuit Breaker:

Opens in the event that equipment connected to the Isolation Transform Outlets exceeds 6 amps current draw When white is visible, the breaker has opened. Reduce the load and push to

RS-232 Control Interface:

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DB-9 male connec tor. Use to connect the M5510-Pro to a home automation

Lamp Receptacle:

USB lack. The convenience lamp included with the M5510-Pro is to illuminate the rear panels of other

Line Level Audio/Video Jacks:

Color-coded RCA jacks, female, 5 pair Use to protect the main system from backdoor surges coming in on the signal lines.

Satellite Coax Jacks:

Two pairs of F-Connectors optimized for Satellite TV signal line protection.

CATV Coax Jacks:

One pair of F-Connectors optimized for Cable TV. Antenna or Cable Modern signal line protection

LAN/Telephone Jacks:

In/Out connections for Ethernet. telephone line or pay-per-view

Isolated Outlets Delay Switch:

Allows adjustment of the Turn-Off delay for the 4 Isolation Transformer Outlets. Choose between "alwayson" and 10 seconds.

this receptacle

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

IEC Main Power Receptacle:

Detachable power cord connects to



High Current Outlet Bank:

Two delayed outlets designed for high current components such as amplifiers and powered subwoofers.
The current available to connected equipment is not limited by the noise filtration components.

DC Trigger Input:

3.5mm (1/8") Mini-Plug jack. Connect to a remote trigger device that uses a DC voltage signal to initiate a startup/shutdown

DC Trigger Output: 3.5mm (1/8") Mini-Plug jack. The M5510-Pro

can generate its own 12VDC trigger to control another device.

Trigger Delay Switch:

Sets the delay time Switch: (0 or 10 seconds) Enables or disables the DC Trigger between receiving a DC trigger input signal and when the M5510input function Pro sends its DC Trigger output signal

High-Current Outlet Delay Switch:

Allows adjustment of the Turn-On delay for the 2 Delayed High Current Outlets Choose between

TECHNICAL SPECIFICATIONS

AC CIRCUIT PROTECTION AND FILTRATION AC PROTECTION: Initial Clamping Level. 200V UL 1449 Surge Suppression Rating. .330V Protection Modes L-N, L-G, N-G Line Voltage. .120VAC .15A (1800 Watts) Max Current Rating. Response Time. ..<1ns 2100 Joules Joule Rating. Peak Impulse Current. .90,000A Catastrophic Surge Circuit YES Thermal Fuse... YES Over/Under Voltage Protection. YES Over-voltage shutoff threshold / Response time... .134±4 VAC, 10 milliseconds Under-voltage shutoff threshold / Response time95±4 VAC, 500 milliseconds NOISE FILTRATION: 100 dB (100 KHz - 1 MHz) Filtered Outlet Bank 1. Filtered Outlet Bank 2 .90 dB (100 KHz - 1 MHz) Isolation Transformer Outlets Common Mode. 120 dB (100 KHz - 1 MHz) Normal Mode. .60 dB (100 KHz - 1 MHz) **High-Current Outlets** Normal Mode. .60 dB (100 KHz - 1 MHz)

DC TRIGGER INPUT

Connection	
Voltage and Polarity	3-18VDC, bi-directional
Current Requirement	>25mA

Trigger

Enable

SATELLITE CIRCUIT

Clamping Level	Z/V
Attenuation<1	dB from 950MHz - 2.2GHz
Shielded	YES
Connections	

TELEPHONE CIRCUIT

Clamping Level	260V
Capacitance	30pf (approx.)
Suppression Modes	Metallic & Longitudinal
Wires Protected	2 wire/ 1 pr. (pins 4,5)
Fuseless/Auto-Resetting	YES
Connections	RJ-11/45

Design and specifications subject to change without notice due to product improvement.

DC TRIGGER OUTPUT

Connection	3.5 mm mono mini-plug
Voltage and Polarity	12V DC, + Center Pin
Current	350mA

ANT/CATV CIRCUIT

Clamping Level	1.4V
	<1 dB up to 950MHz
	YES
Connections	Gold plated. Female "F"

LAN CIRCUIT

Compatibility	10/100 baseT Ethernet
Clamping Level	8V
Wires Protected	
Connections	RJ-45

GENERAL

Dimensions	17.25" W x 12" D x 3.5" H,
	(4.1" H including feet)
Weight	31 lbs.

Model: M5510-PRO



1690 Corporate Circle, Petaluma, CA 94954 800-472-5555 • 707-283-5900 www.panamax.com



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