

# AudioControl®

Making Good Sound Great™

## MAXIMUM POWER AND PERFORMANCE



# ARCHITECT MODEL P250 EQ

## TWO CHANNEL HIGH CURRENT POWER AMPLIFIER

HIGH CURRENT DESIGN (2Ω STABLE) | 250 W PER CHANNEL | LIGHTDRIVE™ ANTI-CLIPPING PROTECTION  
DIGITAL, ANALOG, SDS INPUTS | INPUT PRIORITIZATION & SIGNAL SENSE SWITCHING  
LOOP OUTPUTS | SELECTABLE EQ PRESETS | SHALLOW MOUNTING DEPTH (13.5")  
COMPACT 1U DESIGN | UNPARALLELED ENERGY EFFICIENCY

# HOME AUDIO

## TWO CHANNEL HIGH CURRENT POWER AMPLIFIER

The Architect Model P250 EQ is a high-power, 2-channel amplifier engineered with an emphasis on sound quality, plus key features for the custom integration channel. The P250 EQ only requires a 1U rack space yet delivers the performance and functionality of much larger solutions.

The foundation of the P250 EQ is high-current power amplifier design that delivers clarity and balance into any loudspeaker. Output power is 250 watts per channel into 4 and 2 ohm loads, and 180 watts into 8 ohms. The P250 EQ's overbuilt power supply and advanced filter stage is mated to robust output transistors capable of both high-current demand and rock-solid stability across the required range of load impedances. The P250 EQ will extract every ounce of detail from all styles of music including the latest high-resolution digital content.

- High Current Design / 2 Ohm Stable
- 250 watts Per Channel
- LightDrive™ Anti-clipping Protection
- Digital, Analog, SDS Inputs
- Input Prioritization & Signal Sense Switching
- Loop Outputs (Digital and Analog)
- Selectable EQ Presets
- Shallow Mounting Depth (13.5")
- Compact 1U Design
- Unparalleled Energy Efficiency



CH	RACK SIZE	POWER RATING			MIN. SPEAKER LOAD	FREQUENCY RESPONSE	SIGNAL TO NOISE	THD+N AT RATED POWER	CROSS-TALK	GAIN	INPUTS		LOOP OUTPUTS
		8Ω	4Ω/2Ω	BRIDGED (8Ω, 4Ω)							DIGITAL	ANALOG	
2	1U	180 W	250 W	500 W	2 Ω	20 HZ - 20 KHZ ±0.25 DB, 8 Ω LOAD	>110 dB A-WEIGHTED, REF FULL OUTPUT +/- 3db	<1% @ 8 Ω PER CH. <0.2% @ 4 Ω PER CH. <0.07% @ 2 Ω PER CH.	>80 DB AT 1 KHZ	27 DB	1 X COAX 1 X TOSLINK	1 X STEREO 1 X SDS	1 X COAX DIGITAL 1 X ANALOG RCA



Stereo/ Mono & EQ Selection Switches



Analog Input & Loop Output



Digital Inputs & Loop Output



SDS Input



Speaker Outputs

### INTEGRATOR-FRIENDLY FEATURES

- Integrators can choose from Flat, Bass Boost or Bass/Treble Boost EQ curves that have been engineered to enhance the performance of commonly deployed architectural loudspeakers.
- The main audio inputs are RCA (stereo) analog inputs, along with both coax and optical digital inputs, controlled by an input priority switch. The SDS Signal Detection Switch feature is accessible via a 3.5mm stereo input, facilitating the integration of smart doorbells, network-connected speakers and other devices that can pause/restart the content on the main inputs.
- The P250 EQ features a signal-sensing circuit for auto-turn on/off when applicable.
- Multiple 4-conductor speaker output connectors offer effortless termination of up to 4 pairs of speakers.