



DESCRIPTION

This small amplifier was engineered for discreet, versatile amplification in home theater audio and small commercial applications. Designed for use with Teatro® soundbars and other high-fidelity speakers, the P3-35 provides 50 watts per channel into 8 ohms (2 channel operation) or 35 watts per channel into 8 ohms (3 channel operation). Optical, analog and Bluetooth® inputs are provided, enabling direct connection from most TVs or monitors. In addition to the speaker outputs, the P3-35 includes a line level subwoofer output. Dolby Digital® decoding is also provided. The P3-35 may be controlled via RS232 and will learn IR codes for volume control.

P3-35 PRELIMINARY PRODUCT SPECIFICATIONS

AMPLIFIER POWER	2 Channel - 50 watts RMS/CH >1% @ 8 ohms, 55 watts @ 4 ohms 3 Channel - 35 watts RMS/CH >1% @ 8 ohms, 40 watts @ 4 ohms
CROSSOVER FREQUENCY	High Pass/Low Pass 120 Hz @ 12 dB/octave
GAIN	34 dB (8 ohms)
FULL RANGE RESPONSE	10 Hz - 20 kHz +0/- .5 dB @ 1 watt RMS 8 ohms >.1% THD
FREQUENCY EQ	+3 dB Switchable @ 120 Hz, 2 kHz, 8 kHz
INPUT SENSITIVITY	400 mV for full output
THD + NOISE	>.1% below rated output power
SIGNAL TO NOISE	Better than 84 dB unweighted
LEARNING REMOTE CONTROL	On/Off, Volume Up/Down, Mute - IR/RS-232
INPUTS	10K Unbalanced line input stereo analog, Optical digital 2 or 3 channel, RS232 control, Bluetooth, External IR
PROTECTION FEATURES	Amplifier - Soft Clipping, Short Circuit/Overload, Thermal overload protection Power Supply - Thermal protection, Over current protection, Short circuit protection
POWER SUPPLY	Input: 100-240VAC 50/60 Hz, UL-CUS, FCC, CE, TUV, SUD, PSB, PSE Output: 32VDC @ 3.75A
DIMENSIONS (OVERALL)	1.25" H x 3.9" W x 7.25" D
WEIGHT (AMP ONLY)	.93 lbs.
AMP CERTIFICATIONS	ETL-C/US, ANSI/UL 60065, FCC, CCC, CE, RoHS

- PRELIMINARY TECHNICAL INFO -

- 35 Watts per channel at 8Ω (3 channels)
- 50 Watts per channel at 8Ω (2 channels)
- IR learning for volume control via TV remote
- Bluetooth® connectivity
- Dolby Digital® decoding
- 8" H x 4" W x 1.125" D

APPLICATIONS

The P3-35 is ideal for powering passive soundbars. With its built-in Dolby Digital® decoding and Bluetooth® connectivity, it offers the functionality of much larger, more complex pieces of equipment in a small form factor. Its small size allows integrators to easily place it near the audio source without taking up valuable cabinet space. For commercial applications, the P3-35 is a good complement for digital signage installations, allowing localized amplification of speakers associated with a digital signage display. It is also useful for educational video carts and videoconferencing rollout carts.