



PARASOUND

P 5 2.1 Channel Stereo Preamplifier

Stereo preamp with DAC, theater bypass, sub outputs and hi & low pass crossovers



So why all the buzz about this new stereo preamp? Because it's a quantum leap in standard features, sound quality and price in a preamp that is sure to surpass your expectations. It's the perfect product if you want a great two channel music system that integrates with your existing home theater - without sacrificing subwoofer functionality.

New technologies have changed the ways audiophiles connect to and enjoy their music. So, we included a high quality DAC in the P 5 to widen your software playback options. Turntables are enjoying a resurgence, and we've responded by including a phono stage to accommodate MM & MC cartridges with a choice of load impedances. Additionally, the P 5 has a subwoofer channel with 2 output jacks for dynamic 2.1 listening and seamless integration with your home theater surround sound system. The addition of a balanced XLR subwoofer output and variable low frequency and high frequency crossovers makes the Halo P 5 an amazing bargain.

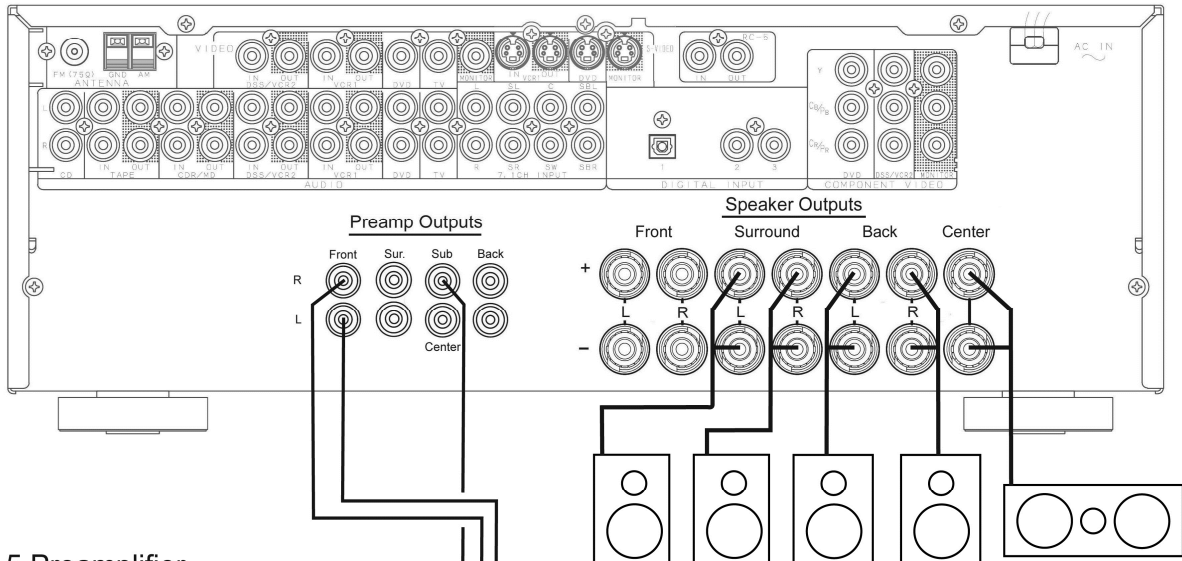
Why buy an ordinary preamp when you can own the Swiss Army Knife of preamps?



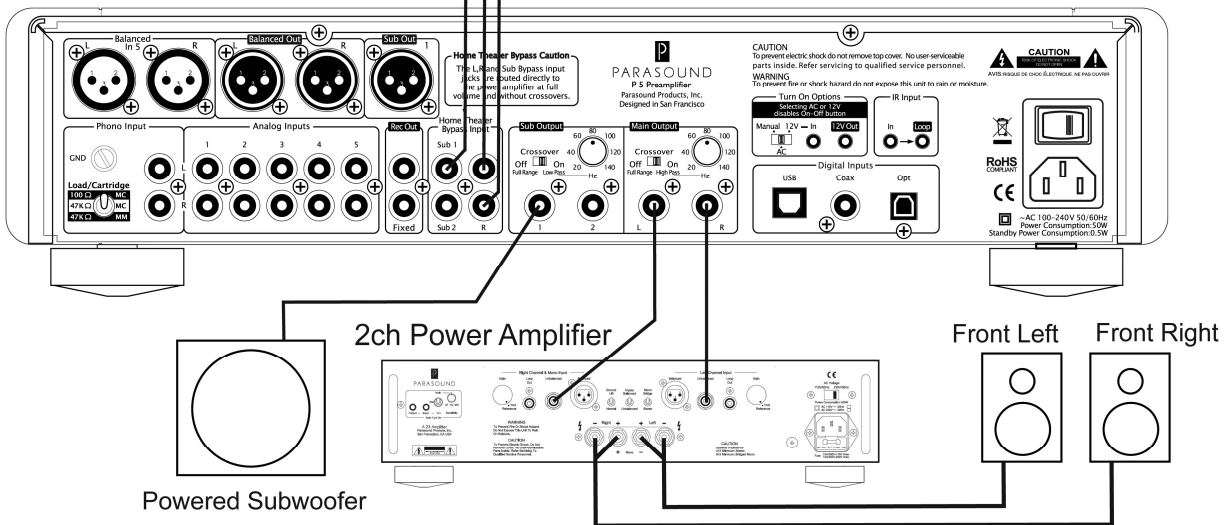
The P 5 Home Theater Bypass Input

The Bypass Input jacks are used to incorporate the P 5 into a surround sound system. This enables you to use your subwoofer(s) and your stereo power amplifier (or two channels of a multi-channel amp) that's driving your Left and Right front speakers for both stereo sources connected to the P 5 and as part of your surround sound system. The Bypass input works by passing the incoming L, R and Sub channels directly through to the L, R and Sub Output jacks so none of the P 5 circuits or controls has any effect on the bypassed signals. The P 5 is thus transparent to the Left, Right and Subwoofer(s) outputs from your surround sound processor or AV receiver and passes them on to your amplifier(s) and Subwoofer(s).

Surround Sound Receiver With Preamp Outputs



P 5 Preamplifier



The P 5's Bypass function is a direct connection between its L, R and Sub Bypass Input jacks and its Main and Sub Output jacks. All controls such as bass, treble, volume level and crossovers are excluded from the bypass signal path.

Note: In order to use the P 5 Bypass function your surround sound receiver must have line level preamp output jacks.

The P 5 is also available in black:



We recommend these components to accompany your P 5:

A 23 Two Channel Power Amplifier

Ideal for the front channels in most rooms and surround or back channels in nearly any size room.



- 125 watts RMS x 2 @ 8 Ω
- 200 watts RMS x 2 @ 4 Ω
- 400 watts RMS x 1 @ 8 Ω(bridged mono)
- 45 amperes peak per channel
- Circuitry designed by legendary John Curl
- High bias Class A/AB operation
- Balanced inputs with discrete circuits

A 21 Two Channel Power Amplifier

Amazing performance for the front channels in the largest rooms. (Stunning at lower volumes, too)



- 250 watts RMS x 2 @ 8 Ω
- 400 watts RMS x 2 @ 4 Ω
- 750 watts RMS x 1 @ 8 Ω(bridged mono)
- 60 amperes peak per channel
- Circuitry designed by legendary John Curl
- High bias Class A/AB operation
- Balanced inputs with discrete circuits

P 5 Features

- Burr-Brown PCM1798 DAC with USB, Optical and Coax inputs
- Coax and optical accept all sampling rates up to 192 kHz, 24-bit
- USB accepts up to 96 kHz, 24-bit
- Incoming jitter on all three digital inputs is significantly attenuated with an effective clock recovery system
- Analog bass management with high and low pass crossovers
- Home theater bypass input for surround sound integration
- Front panel subwoofer level control
- 5 RCA line level inputs
- 1 XLR balanced input (parallels Input 5 RCA jacks)
- Phono input for MM & MC cartridges with 100 Ω or 47k Ω load
- Front panel Aux input with automatic +12 dB gain stage
- Balanced XLR and RCA left and right outputs
- 1 balanced XLR and 2 RCA subwoofer outputs
- Bass & treble controls with defeat from remote or front panel
- Headphone jack with 10 ohm output impedance
- Rear panel IR input and IR loop output jacks
- 12 V output to trigger power amplifiers and other devices
- Automatic turn on with 12 V trigger or AC power
- Fixed level record output
- Premium motor-driven Alps potentiometer volume control
- Left/Right balance control
- Remote control with discrete on/off power buttons
- 0.5w standby power consumption meets Energy Star spec
- Rack mounting adapter available (Model HRA 2 sold separately)
- Available in silver or black finish
- Parasound 5 year parts, 5 years labor warranty (USA only)



Specifications

Frequency Response

10 Hz - 100 kHz, +0/-3 dB

Total Harmonic Distortion

< 0.01 %

Crosstalk

> 70 dB at 20 kHz

Input Sensitivity

300 mv: 1 Volt Out

Total Gain: 10 dB

Maximum Output: 7 Volts

Input Impedance

Unbalanced: 24k Ω

Balanced: 100k Ω per leg

Output Impedance

Unbalanced: 100 Ω

Balanced: 470 Ω per leg

S/N Ratio - Line Inputs 1-5

> 108 dB, input shorted, IHF A-weighted

> 88 dB, input shorted, unweighted

S/N Ratio - DAC Inputs

> 108 dB, input shorted, IHF A-weighted

> 90 dB, input shorted, unweighted

S/N Ratio - Phono Inputs

MM > 80 dB, input shorted, IHF A-weighted

MM > 70 dB, input shorted, unweighted

MC > 67 dB, input shorted, IHF A-weighted

MC > 55 dB, input shorted, unweighted

Hi/Low pass crossover slope

12dB /Oct

Dimensions

Width: 17-1/4" (437 mm)

Depth: 13-3/4" (350 mm)

Height, with feet: 4-1/8" (105 mm)

Height, without feet: 3-1/2" (89 mm)

Net Weight

14 lb. (6.3 kg)

Shipping Weight

21 lb. (9.5 kg)

Power Requirement

Standby: 0.5 Watts

Power On: 20 Watts

100-250 Volts, 50-60 Hz (Automatic)

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For more photos, features, specifications and product manuals please visit our website.