

SP-SA2IB+

SmartAmp™ Amplifier

20W x 2 @ 4 Ohms



FEATURES

The SP-SA2IB+ SmartAmp™ is a simple, easy to setup amplifier—a must for any standard size classroom or conference room. Low cost, lightweight and convection cooled, the SP-SA2IB+ amplifier is rated at 2x20 watt @ 4Ohms. It adjusts to a 1x40 8Ohm bridged mono output, and outputs a dual mono for twice the connectability in mono mode. Includes a 3.5mm jack for pass-through

audio to a second amplifier for added resource power. Through its RS232 serial control, the SP-2AIB+ integrates with both the SP Controls PixiePlus and NRC control solutions. The Ducking Power Technology Detection system samples audio and MIC input, thereby reducing the power consumption when there is no input sensed, making it a Green Amplifier solution.

TECHNICAL SPECIFICATIONS

Audio Input

Input 2 Stereo Audio, 1 MIC
 Input Connector 2 RCA, 1 3.5mm jack, 1 captive screw
 Input Impedance >10KΩ

Audio Output

Output 1 amplifier, 1 stereo audio
 Output Connector 1 captive screw, 1 3.5mm jack
 Output Impedance 50Ω/stereo, 4~8Ω/amplifier

Audio General

Frequency Response 20Hz ~ 20KHz
 SNR 80dB at maximum output
 Stereo Channel Separation >75dB@20Hz ~ 20KHz
 Voltage Gain 32dB
 CMRR >75dB@20Hz ~ 20KHz
 Bandwidth 20Hz ~ 25KHz
 THD + Noise 1% @ 1KHz, 0.3% @ 20KHz at nominal level
 Power Output 2 x 20Watts (4Ohms)

Control Function

RS232 Control RS-232, 9-pin Female D connector
 Pin Configurations 2 = TX, 3 = RX, 5 = GND

Note: All nominal levels are ±10%.



**Simple.
 Intuitive.
 Control.**

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