

SP-SA2IB+

SmartAmp™ Amplifier

20W x 2 @ 4 Ohms



FEATURES

The SP-2AIB+ 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-2AIB+ 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
Input Connector
Input Impedance

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

Audio Output

Output
Output Connector
Output Impedance

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

Audio General

Frequency Response
SNR
Stereo Channel Separation
Voltage Gain
CMRR
Bandwidth
THD + Noise
Power Output

20Hz ~ 20KHz
80dB at maximum output
>75dB@20Hz ~ 20KHz
32dB
>75dB@20Hz ~ 20KHz
20Hz ~ 25KHz
1% @ 1KHz, 0.3% @ 20KHz at nominal level
2 x 20Watts (4Ohms)

Control Function

RS232 Control
Pin Configurations

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

Note: All nominal levels are ±10%.



Simple
and
Intuitive

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