

SIWA-248: HideAway™ Series In-Wall Stereo Amplifier



Dimensions: Fits inside single gang
Enclosure: Gang box
Power: 15 V DC
Continuous Power: 48 Watts per channel
Peak Power: 60 Watts per channel
Signal-to Noise Ratio: >100 dB
Dynamic Range: >100 dB
Freq. Response: 20 Hz to 20 kHz
Image: SWIA-248 with connections in front

The SIWA-248 houses two separate mono-block amplifiers that provide extremely clean state-of-the-art power. The SIWA-248 produces unexpected sound depth and musical clarity. The unit accepts any volume controlled line level stereo input and uses super quiet 15 V DC power. Advanced protection circuitry guards against system damage from overload, overheating, or short circuits.

The amplifier is available in 3 different configurations, with 48 Watts per channel. It can fit inside a single gang. One of its configurations comes with pre-amp level signals and DC power inputs in the front with a speaker wire connection in the rear. Another configuration has only a DC power input in the front with the pre-amp level input signals and speaker wire connections in the rear. The last option is a unit with a blank access panel in the front and all the connections for DC power, pre-amp level input signals and speaker wire connections in the rear.

Pragmatic offers high quality digital amplifiers that possess numerous advantages over the competition. A Pragmatic amplifier boasts high efficiency and clock frequency. It also has very linear gain and phase characteristics. The amplifier has a flat frequency response from 10 Hz to 50 kHz. There is no ripple in the pass band and very low change in distortion versus out power levels (usually between 0.01 and 0.05%). It maintains very low and uniform distortion on all frequencies and a very high signal-to-noise ratio and dynamic range.

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Applications:

Compact stereo amplifier
In-wall amplification
Residential or Commercial audio
amplification

Features and Benefits:

Compact design
Efficient energy consumption
48 Watts per channel
Fits in single gang
Only 15 V DC power required
Multiple configurations to fit
different needs
High Efficiency
High clock frequency

Very linear gain and phase
characteristics
Flat frequency response from
10 Hz to 50 kHz
No ripple in the pass band
Very high signal-to-noise ratio
Very high dynamic range
Very low change in distortion
versus output power levels

Architect Specifications:

The amplifier shall measure 2" W x 3.5" H x 3" D. It shall weigh only 12 oz. and fit inside a single gang. It shall be powered by 15V DC. It shall have continuous power of 48 Watts per channel with a peak power of 60 Watts per channel. Its signal-to-noise ratio shall be less than 100 dB and its dynamic range shall be less than 100 dB. Its frequency response shall be 20 Hz to 20 kHz. It shall have a flat frequency response of 10 Hz to 50 Hz with no ripple in the pass band. It shall have multiple configurations to fit different needs. There shall be very low change in distortion versus output power levels.

The amplifier shall be a Pragmatic SIWA-248: In-Wall Stereo Amplifier.

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