

MS-A5001 Digital Signal Processing Amplifier



Makes any car audio system sound great



There's nothing like a subwoofer or two for adding major bass kick to any factory sound system. The JBL® MS-A5001 is a compact amplifier with 500 watts of power and outputs to connect up to two subwoofers in parallel. It accepts any line-level or speaker-level output, and features onboard setup tools for easy, foolproof installation. A digital input mixer lets you map your inputs to either output, and sophisticated network circuitry puts you in precise control of the crossover points and slopes. Serious bass is an essential element of any great car audio system, and the MS-A5001 delivers it with easy precision.

SPECIFICATIONS

Manufacturer: Harman International Industries, Incorporated

Model: MS-A5001

Power output (CEA 2006): 500W RMS x 1 @ 4 ohms
500W RMS x 1 @ 2 ohms

Frequency response: 20Hz–270Hz

Signal-to-noise ratio: >80dB (1W)
>106dB (full power)

Maximum input sensitivity: 100mV

Maximum input voltage: 20V

Power requirement: 12V DC, negative ground

Main unit dimensions (L x W x H): 7-3/16" x 8-1/4" x 2-3/4"
(183mm x 210mm x 70mm)

Weight: Approximately 5.2 lbs (2.5kg)



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Add up to Two Powered Subwoofers
to Any Car Audio System

HIGHLIGHTS

Mono subwoofer power amplifier – 500 watts x 1 @ 4 ohms; 500 watts x 1 @ 2 ohms

Connects to any analog signal – RCA to bare-wire adapters work with all line-level and speaker-level inputs. Selector switch for matching input to signal type. Hi2 setting for use with audio systems that detect amp connections

Graphical setup/status display – Icons of crossover types and numeric readout of direct frequencies simplify setup

Digital input mixer – Simplifies configuration by allowing any input signal to be routed to either speaker output

Rotary encoder controls

FEATURES

Digital signal processing – Extremely precise control of all input mixer, electronic crossover and output levels with a minimum of audible artifacts

Extremely sophisticated crossover functions – Outputs can be set to low-pass, high-pass or band-pass filtered, with 97 different crossover points between 20Hz and 20kHz. Independent crossover slopes for each output channel pair can be chosen from 6dB, 12dB or 24dB per-octave rates.

Dual speaker outputs accept up to 10AWG wire – Easily connect two subwoofers in parallel with minimal power loss

Pass-through audio outputs – Allows the use of multiple amplifiers with a single signal source

Includes input-level setup CD

Signal-sensing on/off operation

Compatible with MS-WBC wireless bass control – Boost bass without leaving the driver's seat (sold separately)

Compact form factor