



JD

Monoblock Amplifiers

POSITION:

Amazing JL Audio subwoofer amplifier power and performance at remarkably affordable price points.



NEW! JD250/1:

Class D, Monoblock Subwoofer Amplifier
150W x 1 @ 4 ohms / 200W x 1 @ 3 ohms / 250W x 1 @ 2 ohms

NEW! JD500/1:

Class D, Monoblock Subwoofer Amplifier
250W x 1 @ 4 ohms / 350W x 1 @ 3 ohms / 500W x 1 @ 2 ohms

NEW! JD1000/1:

Class D, Monoblock Subwoofer Amplifier
600W x 1 @ 4 ohms / 800W x 1 @ 3 ohms / 1000W x 1 @ 2 ohms

Power ratings @ 14.4V with less than 1% THD+N



Remote Level Control (RBC-1)

With the addition of an RBC-1 (sold separately), you can control the subwoofer level from the front of the car (monoblock models only).

TECHNOLOGIES

NexD™
SWITCHING TECHNOLOGY

**DIFFERENTIAL
BALANCED INPUTS**

SELLING POINTS:

#1 Compact Footprint

Benefits:

- They fit nearly anywhere!
JD250/1 & JD500/1: 9.50 x 7.50 x 2.10 in. (242 x 190 x 53 mm)
JD1000/1: 11.40 x 7.50 x 2.10 in. (290 x 190 x 53 mm)
- High-mass heat sink improves thermal capacity leading to reduced incidence of shut-down events.

#2 NexD™ Switching Amplifier Technology

Benefits:

- Our high-speed switching technology delivers outstanding fidelity with very low noise and distortion.
- Exceptional efficiency results in reduced current draw and heat, permitting reliable high power output within a very small chassis.
- Specifically optimized for subwoofer applications (7 Hz - 500 Hz bandwidth)

#3 Complete Signal Processing Package

Benefits:

- 12dB/octave low-pass filter, non-defeatable, with fully variable filter frequency selection from 50-500 Hz
- Adjustable 0 to +12 dB Bass Boost EQ @ 45 Hz
- Remote level control with optional controller (RBC-1)
- Preamp outputs (buffered, pass-through type)

#4 Dual-Range, Differential-Balanced Inputs and Automatic Turn-On Capabilities

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Accepts line-level or speaker level signals (up to 8V RMS), including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables.
- Automatic turn-on option via Signal-Sensing or DC-Offset sensing

#5 Integrated LED Clipping Indicator for Easy Setup

Benefits:

- Simplifies input-sensitivity setting by providing accurate visual feedback of output clipping level.
 - 1) Disconnect one speaker output wire
 - 2) Play full-scale (0 dBfs) sine-wave through audio system, with head unit at 3/4 volume and tone controls set flat.
 - 3) Adjust input sensitivity until light turns on, then back off slightly.
- Separate, top-mounted LEDs report overall status and condition



JD

Full-Range Amplifier

POSITION:

Four-channels of flexible, full-range amplifier power at a very affordable price point.



NEW! JD400/4:

Four-Channel, Class D Full-Range Amplifier
4 x 75W @ 4 ohms / 4 x 100W @ 2 ohms
(2 x 200W @ 4 ohms bridged)

Power ratings @ 14.4V with less than 1% THD+N

SELLING POINTS:

#1 Compact and Versatile

Benefits:

- Fits nearly anywhere: 9.50 x 7.50 x 2.10 in. (242 x 190 x 53 mm)
- Ultra-flexible outputs, capable of multiple configurations:
 - 4-Ch. **Satellite Amp:** power front and rear speakers with 75W x 4
 - 3-Ch. **System Amp:** power front speakers with 75W x 2 and a sub with up to 200W
 - 2-Ch. **High-Power Satellite Amp:** power 2pr. of speakers with 200W x 2
 - 2-Ch. **High-Power Subwoofer Amp:** drive two subwoofers with 200W x 2

#2 NexD™ Switching Amplifier Technology

Benefits:

- Our advanced high-speed switching technology delivers outstanding fidelity with very low noise and distortion.
- Exceptional efficiency results in reduced current draw and heat, permitting reliable high power output within a very small chassis.
- Full-bandwidth operation in all channels. (20 Hz - 20 kHz bandwidth)

#3 Complete Signal Processing Sections

Benefits:

- 12dB/octave high or low-pass filters for each channel pair, defeatable, with fully variable frequency selection from 50-500 Hz
- Preamp outputs (buffered, pass-through type, from CH. 1&2)

#4 Dual-Range, Differential-Balanced Inputs and Automatic Turn-On Capabilities

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Accepts line-level or speaker level signals up to 8V RMS, including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables.
- Selectable Input Mode switch permits one pair of inputs to feed both pairs of output channels.
- Automatic turn-on option via Signal-Sensing or DC-Offset sensing

#5 Integrated LED Clipping Indicators for Easy Setup

Benefits:

- Simplifies input-sensitivity setting by providing accurate visual feedback of output clipping level.
 - 1) Disconnect one speaker output wire
 - 2) Play full-scale (0 dBfs) sine-wave through audio system, with head unit at 3/4 volume and tone controls set flat.
 - 3) Adjust input sensitivity until light turns on, then back off slightly.
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