

## NANO-2001 - Subwoofer Booster



**NANO!** Far more compact than all comparable amplifiers and new in the product range from **CARPOWER**. This new amplifier series facilitates compact dimensions and a really great sound. Perfectly harmonised and interference-free analogue technology ensures a perfect sound of all units. Beside the obvious subwoofer control, this nano block can also be used as paired high-end full range amplifiers. **Car HiFi mono amplifier, high-quality, 1 channel, 300W** Mono power amplifier of perfect quality with minimum dimensions. Solid diecast housing of a simple but elegant design. Integrated high-pass filter and low-pass filter (alternatively switchable, with variable crossover frequency). Highly efficient SMD technology design and powerful Darlington transistors (particularly low distortion with optimum current amplification). Integrated high-power input for the connection of radio speaker outputs. This mono amplifier is suitable for typical applications as a subwoofer amplifier. A pair of these power amplifiers is particularly suitable for the application as dual mono full range amplifiers for stereo reproductions of the mid-high range: high power capability, ultimate channel separation and perfect stability of the PSU ensure an absolutely perfect high-end result! **CAR&HIFI 06/2010** CAR&HIFI technical tip "The NANO power amplifiers require little space only, enhance the power capability and sound of the system - excellent!" Price-performance: very good

## Technical data:

|                          |                             |
|--------------------------|-----------------------------|
| Max. power               | : 300W <sub>MAX</sub>       |
| RMS power 1 Ohm          | : -                         |
| RMS power 2 Ohm          | : 200W <sub>RMS</sub>       |
| RMS power 4 Ohm          | : 120W <sub>RMS</sub>       |
| Bridged power 4 Ohm      | : -                         |
| Frequency range          | : 20-30,000Hz               |
| Load impedance (min.)    | : 2 Ohm                     |
| Input sensitivity (line) | : 0.25-5V                   |
| Input sensitivity (high) | : 4.8-7V                    |
| Channel separation       | : -                         |
| S/N ratio                | : 98dBA                     |
| THD                      | : < 0.05%                   |
| Low-pass                 | : 50-500Hz, 12dB/oct.       |
| High-pass                | : 50-500Hz, 12dB/oct.       |
| Band-pass                | : -                         |
| Subsonic                 | : -                         |
| High EQ                  | : -                         |
| Low EQ                   | : -                         |
| Bass boost               | : -                         |
| Operating voltage        | : 11-16V DC current /40A    |
| Connections              | : screw terminals           |
| Line                     | : 1 x RCA L/R               |
| High input               | : 1 x plug-in connector L/R |
| Speakers                 | : 1 x plug-in connector     |
| Line                     | : -                         |
| Remote control           | : -                         |
| Admiss. ambient temp.    | : 0-40 °C                   |
| Dimensions               | : 158x44x142mm              |
| Weight                   | : 1.2kg                     |
| Other features           | : -                         |