

# DAA210 – INSTRUCTION SHEET - 2X 10W CLASS D

This is a high performance compact CMOS digital audio power amplifier operating with 90% efficiency. It ensures high quality sound reproduction and with Class-D amplification, it produces reasonably good high power output for its miniature size. This amplifier can be built into powered speakers or used as a standalone amplifier. A power supply of 12V with at least 2A is recommended.

- Suitable for any audio project integration
- 2x 10W continuous power outputs @ 8 ohms
- Cool operation, no heat-sink required
- No larger than a matchbox, but with very good, clear and crisp output
- Size: 33.6mm x 40.3mm x 15mm
- Built-in volume control,
- Has a 3.5mm stereo audio input socket for Audio input
- 2.1mm x 5.5mm PCB mount DC power socket Pos. Tip.
- Short circuit, over-current and thermal protection
- Frequency response: 20Hz – 30KHz ; 80dB SNR
- DC Power Supply capability (10VDC – 15VDC)
- Into 8 Ohm recommend supply 12V @ 2A

## Optional:

- 2x 20W output if used with 4 ohm speakers
- Power supply required at 12V is up to 4A max.
- Audio input lead (depend on audio source):  
3.5mm stereo jack (M-M) lead or  
3.5mm stereo jack (M) to 2x RCA connectors

