

## Operation

The highly efficient audio amplification of the Accento Dynamica ADA121 provides an amazing soundstage and presence combined with enhanced clarity and sound quality; all at an amazingly low price. The ADA121 features the TDA7498 developed for its efficiency and performance. The TDA7498 is a dual BTL class-D audio amplifier with single power supply designed for home audio applications and is fully protected against faults with built-in thermal and short-circuit protection. This is the perfect stereo amplifier for desktops or bedrooms. It is small, but generates powerful, pristine audio.

## Specifications

|                            |  |
|----------------------------|--|
| Power Output:              | 100WRMSx2 THD=10%                                |
| Minimum Speaker Impedance: | 4 ohm  |
| Signal-to-Noise Ratio:     | 95 dB  |
| Input Impedance:           | 47k ohm $\pm$ 5%                                 |
| Frequency Response:        | 20-20,000 Hz                                     |
| Channel Separation:        | 85 dB  |
| Dynamic Range:             | 95 dB  |
| Electrical Requirement:    | DC24V-32V  |
| Signal Input:              | RCA gold-plated lotus signal input               |
| Signal Output:             | 4-wire signal output. Bare-wire or 4 mm          |
| DC Plug:                   | O/D 5.5mm, Centre Pin 2.5 mm(Positive)           |
| Case Material:             | Extruded Aluminium body<br>Anodized front panel. |
| Dimensions:                | W93*D110*H43mm                                   |
| Weight:                    | 0.35KG   |

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# ADA121

## INSTRUCTION MANUAL

### COMPACT 100Wx2 STEREO AMPLIFIER

### CLASS-D



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## Accento Dynamica ADA121

The compact size of the Accento Dynamica ADA121 makes it an ideal choice for small areas with limited space or for those looking for a cleaner audio environment. This amp is remarkably compact, yet still delivers crisp, vibrant sound comparable to much larger amplifiers. Centered on the TDA7498, this Class-D amplifier is highly efficient while delivering deep bass and an expanded sound stage to the listener.

## Features

- Class D amp design maximizes fidelity and efficiency so your music sounds its best in a convenient compact package
- Simple operation with an on/off switch & volume control knob
- All metal case black anodised extruded aluminium rubber feet
- RCA Stereo line level gold-plated input
- Bare-wire or 4mm speaker connection terminals
- Highly efficient operation with realistic audio sound stage
- Small size lets you use this amp almost anywhere

## Includes

- ADA121 Amplifier 2x100W RMS Digital Stereo Amplifier

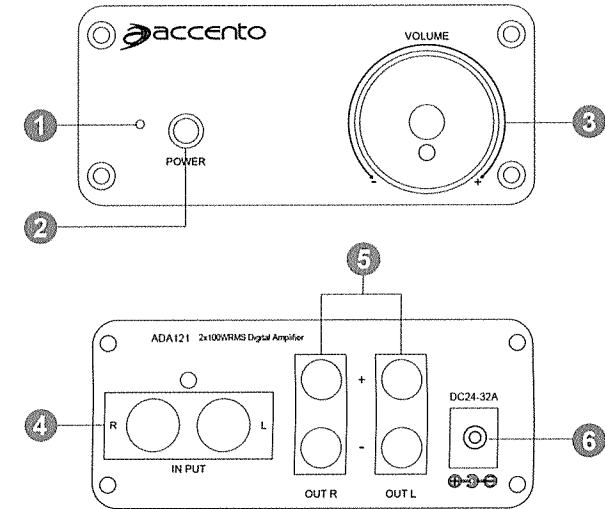
## Safety Instructions

- To prevent fire or electrical hazard do not disassemble this product.
- Do not expose the unit to water or moisture.
- Do not place liquid on or close to unit.
- Do not place unit on or near an open flame or heat source.
- Keep product free from dust and debris.
- Place unit on a stable and level platform.
- Do not place heavy items on top of unit.
- Do not use excessive force when pushing the unit buttons.
- Do not attempt to pull the power cord when removing it from power outlet.
- Do not use damaged or defective power cables.
- Unplug the power cable if the unit is not in use.
- Clean with a damp cloth only.

## Connection

Connection and operation of the ADA121 is simple and straight forward. On the front of this amp you will find a push button on/off switch and smooth analogue volume control. The back panel features stereo RCA Gold-Plated inputs, perfect for using with audio devices, tablets, PCs, etc. Speaker connection is via 4 gold-plated terminals. Each accepting screw-in bare wire up to 12AWG. Or connect using common 4mm banana type plugs (not included).

1. Power LED
2. Power Switch
3. Volume Control
4. Channel Input L/R
5. Speaker Output L/R
6. Power Pack Input



1. Power LED Indicates the unit is receiving power and is fully operational
2. Slide the button up and down
3. Volume Control Knob adjusts the volume level of the amplifier. Prior to powering your amplifier on, please turn the Volume Control Knob all the way to the LEFT. Powering your amplifier on at higher volume may damage your speakers.
4. RCA-Type Audio Inputs RCA-type line level input for connection of devices such as CD players, PCs, and portable audio devices like mobile phones, etc. An adapter can be purchased separately that will allow 3.5mm connection.
5. Speaker Outputs. The speaker output connections utilize high current binding posts that will accept standard banana plug connectors (sold separately). The connectors are color coded for easy polarity identification. If you do not have banana plugs available, the binding posts can be unscrewed and wire can be inserted into the posts and will accept 12AWG to 20AWG wire speaker wire.
6. Power Connection.  
The ADA121 operates on 24 to 32VDC and should be provided with at least 5A.