ADA40

INSTRUCTION MANUAL

COMPACT 20W STEREO AMPLIFIER

CLASS-D

accento® dynamica

Accento Dynamica ADA40

The compact size of the Accento Dynamica ADA40 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 TDA7492PE, 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
- Includes 15 VDC, 2.0A power supply for optimum performance
- Highly efficient operation with realistic audio sound stage
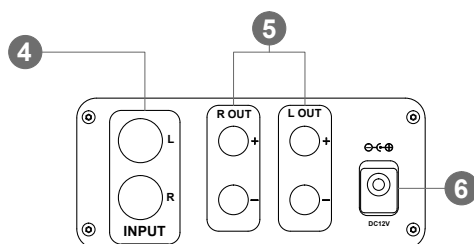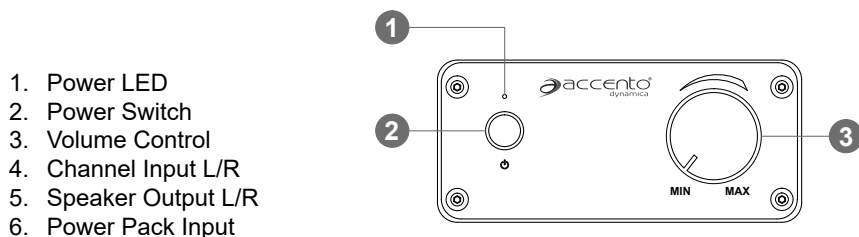- Small size lets you use this amp almost anywhere

Includes

- ADA40 Amplifier 2x 20Wrms Digital Stereo Amplifier
- 15V @ 2A switch mode power supply 240Vac

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 and operation of the ADA40 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). A robust 15 VDC, 2.0A power adapter comes with this amp to ensure that it is given the right voltage and current to function at peak performance.

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. Power On/Off Button Press the power switch IN to power the unit ON
   - Press the power switch again (OUT) to power the unit OFF
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 ADA40 operates on 12 to 15VDC and should be provided with at least 2A. A world compatible (100-240V) 15VDC 2A power supply is included with your amplifier. Note: If an inappropriate power supply is used and the unit is damaged the warranty will be voided.

Operation

The highly efficient audio amplification of the Accento Dynamica ADA40 provides an amazing soundstage and presence combined with enhanced clarity and sound quality; all at an amazingly low price. The ADA40 features the TDA7492PE developed for its efficiency and performance. The TDA7492PE 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:	2 x 20 watts
	DC15V 4Ω 21W THD=10%
	DC12V 4Ω 16W THD=10%
Impedance:	4Ω to 8Ω
SNR:	98db
Distortion:	0.03%
Frequency response:	20-22,000 Hz
Dynamic Range:	103dB
Signal Input:	RCA gold-plated lotus signal input
Signal output:	4-wire signal output. Bare-wire or 4mm
Power Supply:	DC12-15V 30Wnom, 40Wmax
DC Plug:	O/D 5.5mm, Centre Pin 2.1mm (Positive)
Circuit plate:	1.6mm thick fibreglass Immersion Gold
Dimensions Case:	90mm(w) x 40mm(h) x 120mm(d)
Dimensions Plus:	150x92x47mm including protruding parts
Case Material:	Extruded Aluminium body
	Anodized front panel.
Weight:	0.32kg

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