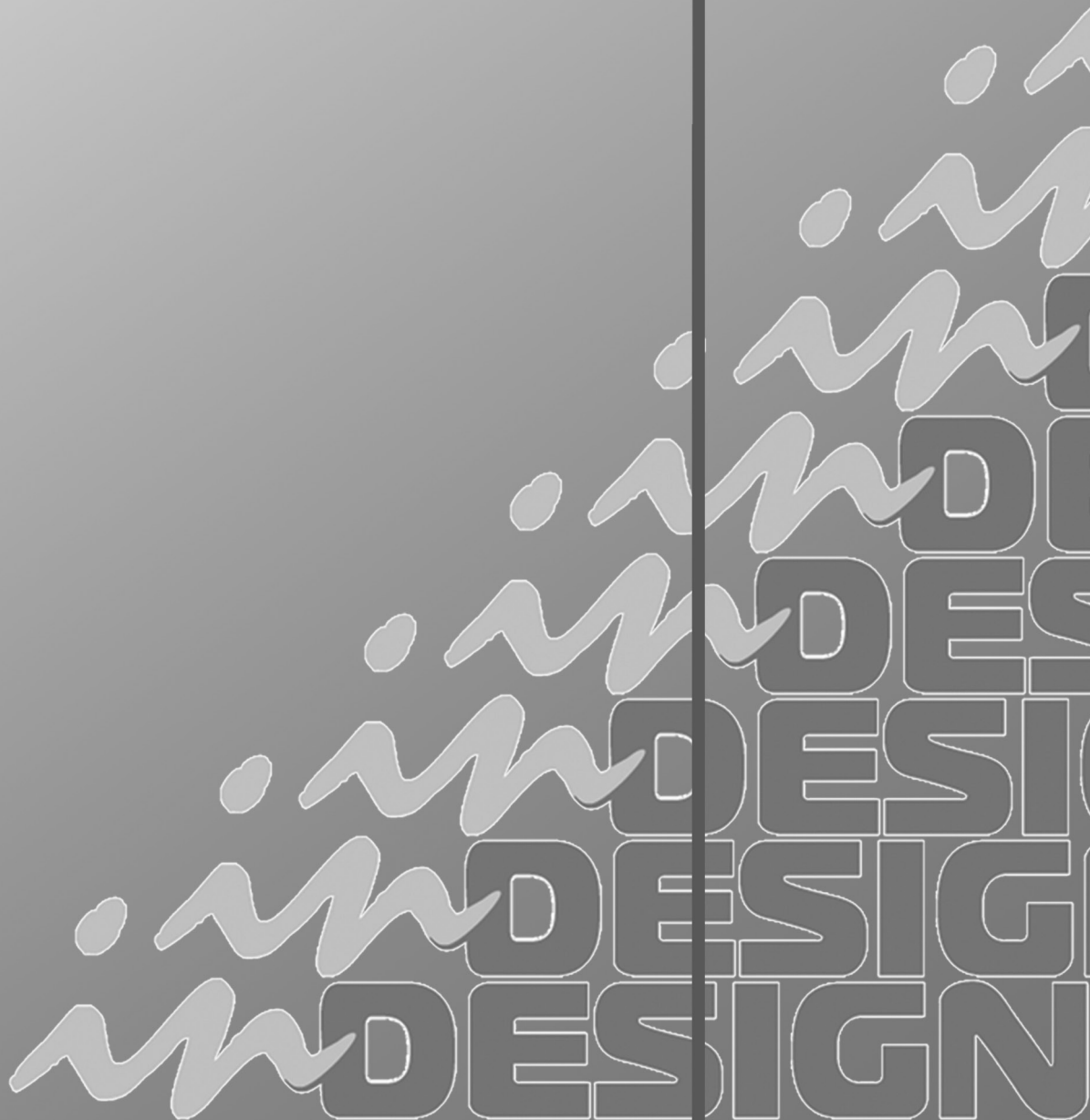


# INSTALLATION & OPERATION MANUAL



## iD-530A SERIES

ACTIVE THREE WAY STEREO  
SPEAKER SYSTEM



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## INTRODUCTION

The inDESIGN iD-530A is an active three-way stereo speaker system consisting of one powered and one passive speaker. The speakers are compact, architecturally pleasing and come supplied with adjustable mounting brackets.

Features include an on-board 15W stereo amplifier, Treble, Bass and Volume controls as well as unbalanced stereo RCA and 3.5 mm TRS jack line inputs.

The iD-530A features a 5.25" bass driver, 0.5" dynamic mid-range tweeter and a 1" piezo high frequency tweeter delivering a solid 2 x 15 watts RMS of clear, intelligible power.

The inDESIGN iD-530A series powered speakers deliver a new standard of high quality sound reinforcement for a variety of audio and visual applications. Compact and well designed, they are easy to operate and are set to become the standard in many AV installations. The speakers are available in white (iD-530A-W) and black (iD-530A-B).

## Electrical and Safety Warnings

### CAUTION

THESE SERVICE INSTRUCTIONS ARE FOR USE BY QUALIFIED SERVICE PERSONNEL ONLY. TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN THE OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO.



The lightning flash with arrowhead symbol, with an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

#### CAUTION




**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**

**WARNING:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.  
**WARNING:** TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

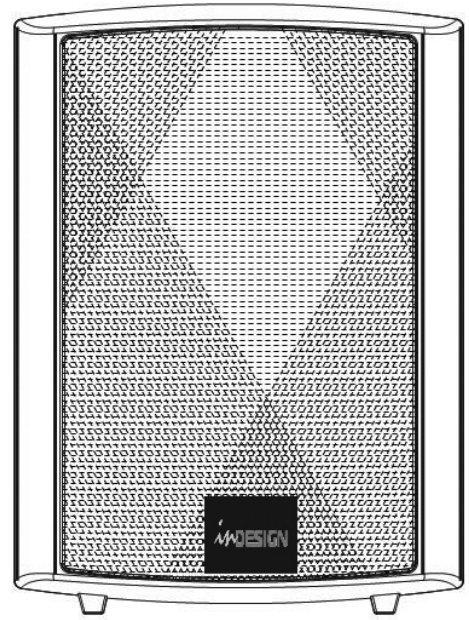
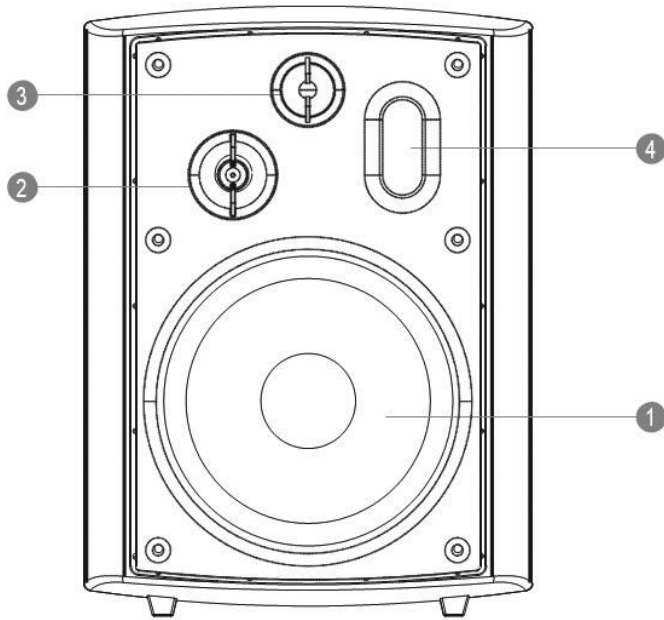
## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. To prevent injury please refer to these instructions for electrical and safety information before installing or operating the apparatus.
6. No naked flame sources such as lighted candles should be placed on the apparatus.
7. Operation of this apparatus is recommended for moderate climates only.
8. This apparatus must not be exposed to dripping or splashing liquid.  
No object filled with liquid, such as a vase, should be placed on the apparatus.
9. Clean only with a dry cloth.
10. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
11. Do not install near any heat sources such as radiators, heaters, stoves, or other apparatuses (including amplifiers) that produce heat.
12. Unplug this apparatus during lightening storms or when not in use for long periods of time.
13.  Protective Earthing Terminal:  
The apparatus should be connected to a mains socket outlet with a protective earthing connection.
14. The mains plug/appliance coupler is used as a disconnect device, the disconnect device shall remain readily operable.
15. When not in use and during transportation, please take care of the power cord set, for example, tie up the power cord set with a cable tie/something similar. It should be kept away from sharp edges and the like that can cause abrasion of the power cord set. When put into use again, check that the power cord set is not damaged. If any damage is found, have the unit checked by a qualified service person to replace the power cord set specified by the manufacturer.
16. The terminals marked with symbol of " " may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by a qualified service person or the use of ready-made leads or cords.
17. Only use attachments/accessories specified by the manufacturer.
18. Check speaker line load prior to connecting to amplifier using an impedance meter.
19. Refer all servicing to qualified service personnel. Servicing is required if the apparatus has been damaged in any way, such as power-supply cord or plug breakage, damage due to liquid or objects falling onto the apparatus, exposure to rain or moisture, or if the apparatus does not operate normally, or has been dropped.
20.  Correct Disposal of this Product:  
This marking indicates that this product should not be disposed of with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental-safe recycling.

**WARNING:** There are no user serviceable parts inside. Refer all servicing to qualified service personnel.

## FRONT PANEL – ACTIVE AND PASSIVE

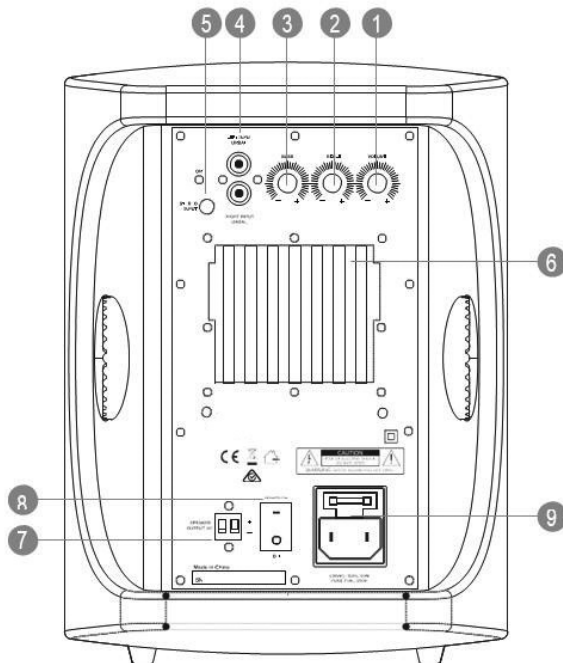
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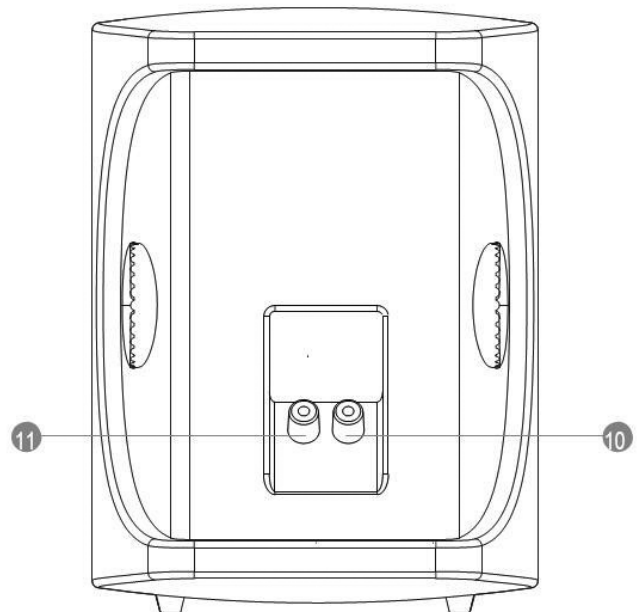
1. 5.25" Bass Driver
2. 0.5" Dynamic Tweeter
3. 1.0" Piezo Tweeter
4. Bass Port

## REAR PANEL – ACTIVE AND PASSIVE

### ACTIVE



### PASSIVE



1. **Volume Control:** Provides adjustment of the volume level of both the active and passive speakers.
2. **Treble:** Allows you to adjust the high frequency response of the speakers. Increasing the treble improves the intelligibility of speech whilst decreasing the treble removes any unwanted high frequency sibilance.
3. **Bass:** Allows you to adjust the lower frequency response of the speakers. By adding more bass, you can add depth to your sound source whilst decreasing bass can improve the intelligibility of speech.
4. **L/R Inputs:** Unbalanced stereo RCA inputs (Left and Right) are provided for connection of devices such as CD and DVD players, computers, data projector audio, etc.
5. **Stereo Input:** A standard, line level 3.5mm stereo socket is provided for easy connection of computers, MP3 players, data projector audio and other portable audio devices.  
**Note:** Only one input should be used at any time to avoid compromising the performance of the speaker. Because both the RCA and 3.5mm unbalanced inputs are set at 'line level' to suit most external audio sources, the inputs are not suitable for connecting a microphone directly. This requires a suitable microphone mixer as the output level of a microphone is considerably lower than line level sources.
6. **Heat Sink:** When using your speakers at full power and over a long period, the heat sink may become hot, this is normal – do not touch it! Take care not to place the speaker too close to other items that may be heat sensitive. Be careful during installation not to route any cabling through the heat sink area as damage may occur.
7. **Speaker Output 4 Ohm:** Connection to the passive 4 Ohm external speaker is provided through a two-pin terminal socket which comes fitted with a removable screw terminal plug. The passive speaker becomes the right channel whilst the left channel is the active speaker. Connect the supplied figure-8 or a similar speaker cable between the active and passive speaker. Be sure that the + of the main unit socket is connected to the + (red terminal post) of the passive loudspeaker and the - of the main unit is connected to the - (black terminal post) of the passive speaker. Never connect the active Speaker Output terminal to an external speaker that is not the correct 4 Ohm impedance.
8. **Power On/Off:** The Power switch turns the speaker system on and off. When the unit is switched on, a blue ON LED will illuminate to indicate that the system is operational. Always ensure that the power is turned off when connecting or disconnecting the speaker cabling to the speaker.
9. **Means Power Supply Socket:** The integrated IEC and fuse holder socket is fitted with a 1 Amp slow blow fuse. Should the fuse require replacement, use a screw driver to open the fuse compartment. A spare fuse is contained in the tray under the IEC socket. Always ensure that a 1 A slow blow fuse is used. Always ensure that the power is turned off and the mains lead is removed from the wall socket before changing a fuse.
10. **Positive Terminal**
11. **Negative Terminal**

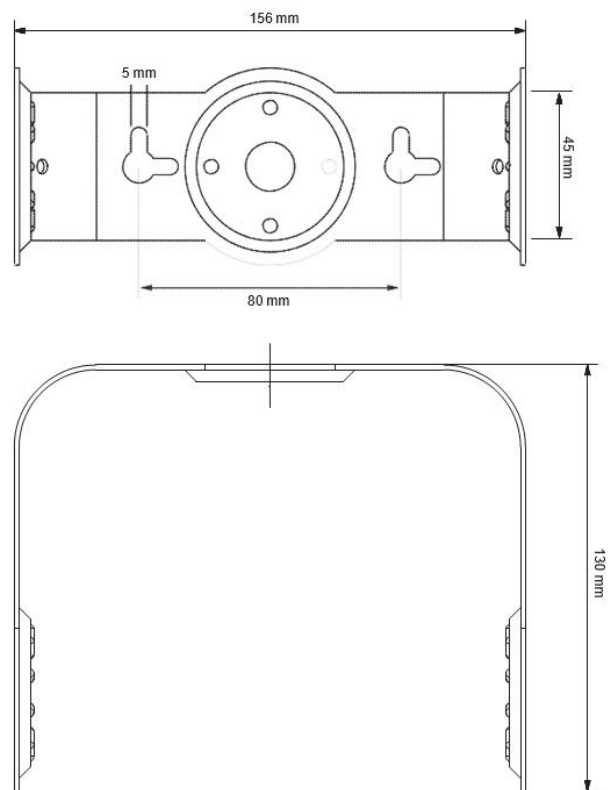
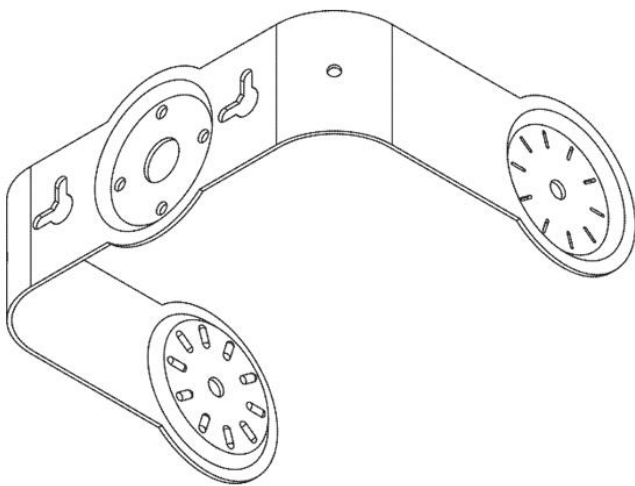
## MOUNTING

- When mounting iD-530A series speakers the following safety issues must be considered.
  - The mounting of a permanently installed speaker may be dangerous unless undertaken by a qualified professional with relevant experience.
  - Walls and mounting surfaces must be capable of supporting the speaker and bracket in a safe and secure manner.
  - All fixings must be safely attached to the speaker cabinet and the mounting surface.
  - All fixings must be installed in accordance with the manufacturer's instructions and specifications.

### MOUNTING BRACKETS

The iD-530A series speakers are supplied with horizontal wall mount U brackets allowing adjustment in the vertical plane.

Slots for mounting the brackets are 5 mm wide and spaced 80 mm apart. The design of the slots allows for the bracket to be easily mounted and removed. Simply secure the bracket to the wall using suitable fittings but always ensure that they are fit for purpose. Once the bracket is secure, mount the speaker to the bracket and connect wiring.



## SPECIFICATIONS

<b>SPEAKER SYSTEM</b>	<b>3 WAY ACTIVE SPEAKER, 3 WAY PASSIVE SPEAKER</b>
<b>Power (Continuous)</b>	2 x 15 Watts
<b>Impedance</b>	4 Ohm
<b>Sensitivity</b>	88 dB
<b>Calculated Max. SPL (Per Speaker)</b>	100 dB
<b>Frequency Response (-3 dB)</b>	45 Hz - 20 kHz
<b>Frequency Response (-10 dB)</b>	40 Hz - 22 kHz
<b>Speaker Components</b>	Woofer: 134 mm (5.25") Polypropylene Piezo: 25 mm (1") Dynamic Tweeter: 12.5 mm (0.5")
<b>Mains Power Requirement</b>	230 VAC, 50 Hz, 50W
<b>Each Speaker Dimension (W x H x D)</b>	178 x 240 x 193 mm (7" x 9.4" x 7.5")
<b>Box (Pair) Dimensions (W x H x D)</b>	466 x 270 x 205 mm (18.3" x 10.6" x 8.1")
<b>Weight</b>	Active Speaker: 2.8 kg (6.2 lbs) Passive Speaker: 1.9 kg (4.2 lbs)
<b>Gross Weight per Pair (Box)</b>	5.8 kg (12.7 lbs)
<b>Accessories (Supplied)</b>	Passive Speaker Wall Brackets (Pair) 1.65 metre IEC Main Cord 2.6 metre Figure-8 Speaker Cable Instruction Manual

**\* Disclaimer:** *Instructions and specifications are correct at time of printing.  
Information within may be subject to change without notice.*

## WARRANTY INFORMATION – Terms of Warranty – 5 Years

### Consumer Guarantees

When you purchase a National Audio Systems distributed product, you have the peace of mind in knowing that your product is covered by the NAS warranty. The NAS warranty is provided by National Audio Systems Pty Ltd (ABN 50 085 679 894), 127 Merrindale Drive, Croydon, Victoria 3136. ['NAS'] The Australian Consumer Law protects consumers by giving them certain guaranteed rights when they buy goods and services. Rights guaranteed under the Australian Consumer Law include;

- The goods are of acceptable quality;
- The goods match their description or any sample or demonstration model;
- The goods are fit for any represented purpose or purpose which the consumer has made known;
- Repairs and spare parts are reasonably available (unless notice has been provided that repairs or spare parts would not be available); and
- The services are carried out with reasonable care and skill and are completed within a reasonable time

These rights are called 'Consumer Guarantees' and apply automatically whenever goods or services are supplied to a consumer. These Consumer Guarantees cannot be refused, changed or limited.

Consumer Guarantees have no set time limit and depending on the price and quality of goods a Consumer may be entitled to a remedy after any manufacturers' or NAS's extended warranty has expired.

The Specific Warranty Table Information outlines the warranty period, warranty type and any specific exclusions for your NAS product. NAS considers the warranty period specified in the Specific Warranty Table to be a reasonable warranty period having regard to the price, design, manufacture and expected use of the product.

### General Warranty ('Warranty')

NAS products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure or if the goods fail to be of acceptable quality. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure. What constitutes a major failure is set out in the Australian Consumer Law.

Subject to the terms and conditions set out below, and unless otherwise specified in the Specific Warranty Information for your NAS product, NAS agrees to repair or replace, at NAS's cost, the NAS product purchased by you in Australia or New Zealand from NAS or a NAS authorised reseller when the product does not perform substantially in accordance with the specifications during the warranty period specified in the Specific Warranty Table for your NAS product. NAS makes no other express warranties in respect of your NAS product. To make a claim under this Warranty, valid proof of purchase must be presented when the warranty claim is made, along with any other required information. The Warranty offered by NAS is not transferable.

The Warranty will only apply if your NAS product has been installed and used in accordance with NAS's recommendations as noted in the operating instructions.

### Warranty Exclusions

The Warranty does not cover damage caused by;

- Misuse or abuse of the product by You;
- Incorrect operation or not following the operation instructions (as noted in the operating instructions);
- Improper installation;
- Incorrect or improper maintenance or failure to maintain the product;
- Failure to clean or improper cleaning of the product;
- Incorrect voltage or non-authorized electrical connections;
- Adverse external conditions such as incorrect or fluctuations in electrical voltage, thunderstorm activity, acts of God, acts of terrorism, damage caused by vermin, or any other circumstance beyond NAS's control;
- Exposure to excessive heat, moisture or dampness;
- Exposure to abnormally corrosive conditions;
- Alterations or modifications to the product made by You or a third party; or
- Damage as a result of accident, liquid, grit, impact or lack of proper care as indicated in the operating instructions;
- Damage resulting from the use of cleaning solvents such as acetone

The Warranty does not apply if any serial number or appliance plate on the product has been tampered with, removed or defaced.

The Warranty does not apply if the product has been repossessed under any financial agreement.

The Warranty excludes accessories and consumable goods which have ceased working through normal wear and tear such as, but not limited to, batteries, lamps and other parts classifiable as a consumable part.

The Warranty does not cover the loss of any data howsoever caused. You shall be responsible for backing up and protecting data against loss, damage or destruction.

Products presented for repair may be replaced by refurbished products of the same type rather than being repaired. Refurbished parts may be used to repair the products. Replacement of the product or a part does not extend or restart the Warranty Term.

The product will be at the owner's risk whilst in transit to and from all NAS authorised service centres, unless transported by NAS or its authorised representatives.

NAS and its authorised service centres may seek reimbursement of any costs incurred by them when the product is found to be in good working order.

The cost of claiming under this warranty, including return of any product to NAS is to be borne by the consumer.

The Warranty excludes removal or re-installation costs.

**\* All inDESIGN products come with a 5 year warranty term.**

For further information and warranty claims, refer to our **Support** page at [www.nationalaudio.com.au](http://www.nationalaudio.com.au).