



HNA350 Nasal Aspirator User Manual

Keep this user guide for future reference. Always retain your proof of purchase in case of warranty service.

Oricom Support - Australia

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Safety Information

Oricom HNA350 Nasal Aspirator is included as a medical device on the Australian Register of Therapeutic Goods (ARTG No. 522896) and is intended to enable clearing of excessive mucus from nasal passages of an infant/child to facilitate easier breathing. Intended for domestic use only. ALWAYS READ THE USER GUIDE AND USE ONLY AS DIRECTED. IF SYMPTOMS PERSIST SEE YOUR DOCTOR/HEALTHCARE PROFESSIONAL. Use this product only for the intended purpose as described in this user guide.

- ⚠️ WARNINGS**
- Do not insert the tip deep into baby’s nostril.
 - Should there be any health-related problems, discontinue use immediately and consult your doctor.
 - Do not use HNA350 in the case of nasal irritation, haemorrhage, or if any signs of inflammation and or bleeding in the nose.
 - If your child experiences any skin / nasal irritation or redness after use, please stop using the aspirator and consult your doctor.
 - Aspiration time should be limited to a maximum of 15 seconds per minute.

- HNA350 is not a toy and must be used by adults.
- Keep HNA350 nasal aspirator and nozzle pieces out of children’s reach or people with reduced physical or mental abilities. **NOTE:** The collection cup is not sterile.
- Keep USB cable out of reach of children.
- This product will require a USB charger rated at 5V 2A to recharge the battery (not included).

- ⚠️ PRECAUTIONS**
- Using your HNA350 without a nozzle piece or keeping the switch on when the reservoir is full, will drain the battery quickly.
 - Before using the HNA350, make sure that all parts are correctly assembled.
 - Do not attempt to disassemble the nasal aspirator main unit or the nozzle pieces.
 - Do not use if damaged.
 - Do not expose to direct sunlight or leave in a high temperature environment.
 - Only use the suction nozzles provided with this nasal aspirator.
 - Never use on ears, mouth, or eyes.
 - Clean after every use, do not use harsh chemicals or solvents. Refer to the cleaning instructions in this user guide.
 - This nasal aspirator is designed for indoor use only.
 - Do not use in conjunction with any nuclear magnetic resonance or CT equipment.
 - Do not use your nasal aspirator in a bathroom or any environment of elevated humidity (e.g. sauna, hydrotherapy etc.)
 - Do not expose the nasal aspirator to electric shock.
 - Do not use the device around flammable gas.
 - Cease use if your nasal aspirator starts to operate erratically or malfunction.
 - Do not put nasal aspirator in the place with excessive dust, or the place where it may contact ,corrosive gas or liquid, and do not use this product in the above environment.
 - Do not drop nasal aspirator.
 - Never immerse nasal aspirator in water or other cleaning liquids, and do not let any liquid enters the interior of this product.
 - No modification of this equipment is allowed.
 - Keep nasal aspirator away from electromagnetic fields produced by objects such as microwave ovens, arc welders or induction heaters.
 - When using nasal aspirator, make sure the patient opens the mouth to keep the ventilation of air inside his/her nose in case of the occurrence of negative air pressure inside patient’s head and unease.
 - When using nasal aspirator, make sure the patient opens the mouth to keep the ventilation of air inside his/her nose in case of the occurrence of negative air pressure inside patient’s head and unease.
 - When user re-installs the silicone ring, he/she must first clear off the dust where the silicone ring will be installed and make sure that the whole silicone ring is attached to nasal aspirator evenly. If not, the suction will be affected.
 - The device should no longer be reused when it reaches the expected service life (5 years, from the date of production) of the device. See chapter “Disposal” to dispose the device.

For assistance in setting up, using or maintenance of your HNA350, please contact Oricom

⚠️ WARNING: This product is not a toy, keep out of reach of children. Rechargeable Lithium Ion batteries are potentially hazardous and can present a serious fire hazard if damaged, defective or improperly used. Do not leave your product unattended whilst charging the battery.

Some parts (e.g., suction nozzle) are small enough to be a choking hazard or be swallowed.

This product does not include any user serviceable parts. DO NOT DISASSEMBLE the base of this product. Dispose of this product which includes a lithium battery in accordance with local disposal waste regulations.

Risk of suffocation! Keep all packaging materials out of reach of children.

If an error occurs or if nasal aspirator is damaged, DO NOT attempt to repair nasal aspirator, as this will void the warranty. Contact Oricom.

Intended Use

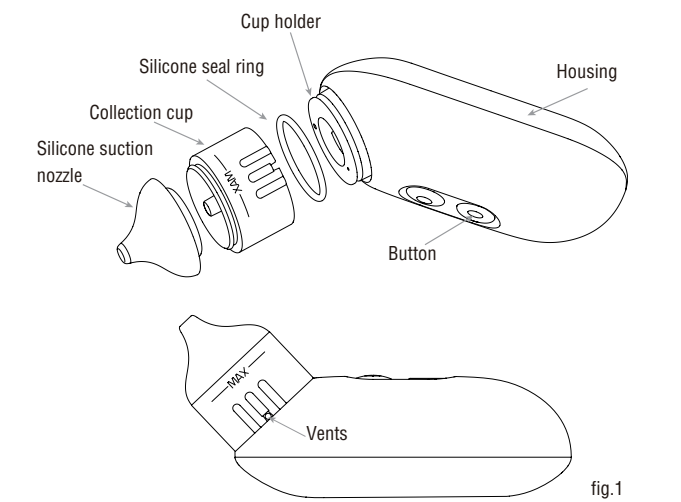
This device is designed to remove the nasal mucus in children, who typically under the age of 6, are unable to remove themselves by blowing their noses.

- Intended purpose**
- To eliminate clogging of the nose
 - To ensure nasal breathing to infants
 - To relieve childhood allergy-like symptoms by removing the nasal mucus

Recommended Operating time

Do not suction for more than 6 seconds. Perform 3 to 5 seconds of short suction per minute. Do not suction for more than 15 seconds.

Product Overview



Whats in the pack

- 1pc Nasal aspirator
- 2pcs Silicone suction nozzle
- 1pc User manual
- 1pc Silicone seal ring
- 1pc Type-C Charging cable

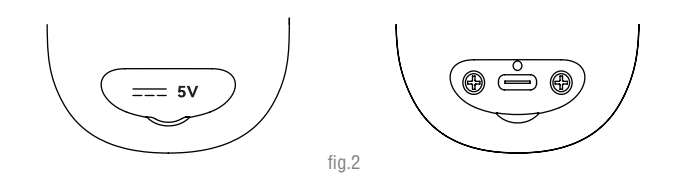
Specifications

1. Temperature acclimatisation approx. 2 hours. For example: If the product was taken out of a storage temperature of -10 degrees Celsius and your room temperature is 20 degrees Celsius, you need to wait 2 hours for the product to stand at room temperature before use.
2. Rechargeable batteries: 101550 Li-ion battery, DC 3.7V, 800mAh
3. AC Adaptor: DC5V $\overline{\overline{=}}$ 2A, not supplied.
4. Product size: Approx. 135 x 65 x58mm (L x W x H)
5. Product weight: Approx. 156g (Lithium-ion polymer battery included)
6. Suction pressure: Maximum -68kPa(1:-25kPa~-44kPa; I: -45kPa ~ -68kPa)
7. Maximum flow: $\approx$ 1.25L/min(Fully charged operation)
8. Sound: noise level $\leq$ 70 dBA (patient at 0.1m distance; operator at 0.3m distance)
9. Operating temperature:
 - Ambient temperature: 10℃ ~ 40℃
 - Relative humidity: $\leq$ 85%RH
 - Pressure altitude:700hPa ~ 1060hPa
- Storage temperature:
 - Ambient temperature: -20℃ ~55℃
 - Relative humidity: $\leq$ 95%RH
 - Pressure altitude:700hPa ~ 1060hPa

Nasal aspirator expected service life: 5 years.
Battery life: run once in 30 seconds, can be charged and discharged 300 times
Applied part: silicone suction nozzle
Software version: V1.0

Battery

- CHARGING :**
- 1.Plug the supplied Type-C cable to your 5V-2A adaptor (not supplied) for charging.
 - 2.During charging: LED will flash.
 - 3.When charging is complete the LED light will stay on constantly.



LOW BATTERY PROMPT:
When battery is low, the LED light will flash. There are 2 levels to indicate low battery status.
Low battery: LED light flashes, device will continue to operate.
No power: LED light is flashing red, device will no longer operate.

- BATTERY MAINTENANCE:**
1. For long term storage, fully charge before storing. It is recommended to fully charge every 3 months.
 2. When using lithium batteries, overcharging or discharging should be avoided as this may reduce the performance of the battery or shorten the service life of the battery.
 3. Do not expose the HNA350 to mechanical vibration or excessive force, which may cause the lithium battery to leak, explode or catch on fire.
 4. Battery is not user replaceable, do not attempt to replace the battery.
 5. Do not expose the HNA350 to sharp objects that may damage the product, which may lead to the leakage, explosion or fire.
 6. Do not charge the HNA350 under extreme heat conditions as this may lead to leakage, explosion or fire.
 7. Do not wet the HNA350 as this may cause the lithium battery to leak, explode or catch fire.
 8. Do not expose to extreme heat as this may cause the lithium battery to leak, explode or catch fire.
 9. Do not disassemble the lithium battery in any way as this may cause the lithium battery to leak, explode or catch fire.
 10. If the battery emits peculiar smell, heat, deformation, discoloration or any other abnormal phenomenon, it should not be used, if the battery is in use or charging, cease operation or disconnect from the charger immediately.
 11. If battery electrolyte gets into your eye from a leaking battery, do not wipe, rinse with water immediately, and seek medical help. If left untreated the eyes will be damaged.

Note:
The device provides a DC input port connected to external AC adaptor. It is recommended to use the adaptor specified by the manufacturer. If you use another adaptor, the adaptor should meet the following conditions: class II equipment, output voltage: DC 5V, current: $\geq$ 2A, and comply with IEC 60950, IEC 60601-1 or IEC 62368-1, provide at least two MOOP insulation between ac input and dc output. External adaptor connected to medical electrical equipment through the DC input port must comply with the respective IEC or ISO standards (e.g. IEC 60950 or IEC 62368-1 for data processing equipment). Further more all configurations shall comply with the requirements for medical electrical systems (see IEC 60601-1-1 or clause 16 of the 3Ed. of IEC 60601-1, 60601-1-2, respectively). Anybody connecting external adaptor to medical electrical equipment configurations a medical system and is therefore responsible that the system complies with the requirements for medical electrical systems.

Assembly

Follow below steps for product assembly after nasal aspirator clean and disinfection
Step 1: Install the collection cup over the cup holder section on the main body (see fig. 3). Turn the collection cup clockwise until the notch lines up with the lock symbol (see fig.4). Note: make sure the silicone ring is in correct position, and nasal aspirator is well sealed.

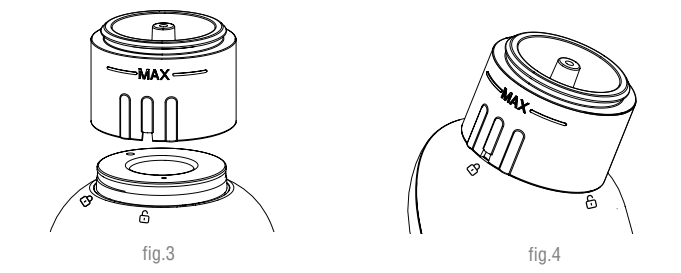
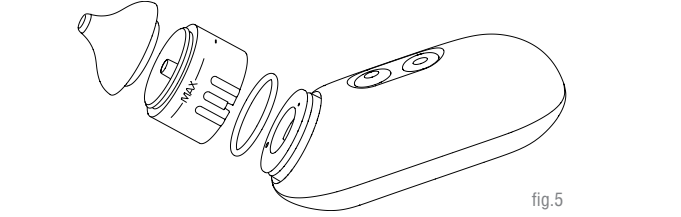


Fig. 3: To unlock, line up the notch in the collection cup with the unlock symbol “⚙️” To secure, turn clockwise until the notch lines up with the lock symbol. “🔒” Fig. 4

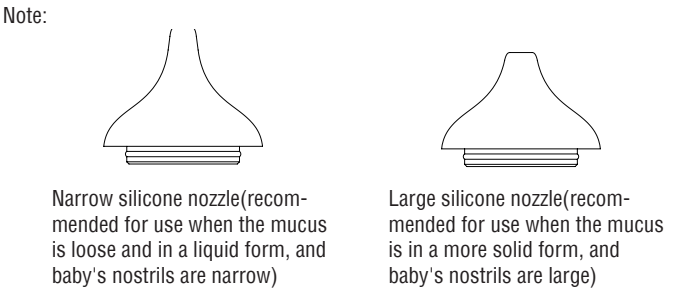
Step 2: Install the silicone suction nozzle to the top of the collection cup and gently press down until it is in place, forming a seal.



How to Use

Note: “(⚙️)”button is I gear with soft suction(-25kPa ~~44kPa); “(🔒)”button is II gear with strong suction(-45kPa~-68kPa). I gear is recommended for the first use

1. Fully charge the device.
2. Choose and install desired nozzle based on the size of the nostrils of your baby and mucus status. Make sure the suction nozzle is securely mounted on the collection cup.



⚠️ Warning:
Check the silicone suction nozzle before each use. If you notice any signs of wear or damage, change it immediately. The silicone suction nozzles are consumable items, their service life depends on the frequency of use. We recommend replacing silicone suction nozzle every six months of use. Contact Oricom Support to purchase replacement nozzles.

3. Hold or place the child to be treated in an upright position or in a position where they are leaning slightly back. Do not use the device when the child to be treated is lying down. Carefully insert the tip of the suction nozzle into the child’s nostril. Be careful not to press against the inside wall of the nostril or place the tip too far into the nostril. It is not expected to come into contact with the nasal mucous membrane.
4. During suction, hold the nasal aspirator at an angle of 40° to 50° to your child’s face. Mucus is cleared by the aspirator without any additional external force.

⚠️ Warning:
Do not suction for more than 15 seconds. Perform 3, 5 second suction per minute.

5. There are two suction power options. Press and hold preferred suction button, release the button to stop.

Note: “(⚙️)”button is soft suction (-25kPa ~~44kPa); “(🔒)”button is stronger suction (-45kPa~-68kPa). Soft suction is recommended for first use.

- 6.Repeat the process as necessary for the other nostril. Should the child experience discomfort or pain, stop using the device immediately.

7. Clean the device after every use (see “Clean and Disinfect”)

- ⚠️ Warning:**
Lift your baby’s head during operation and make sure smooth air flow.
- ⚠️ Warning:**
Moisten the nasal secretion before operation.
- ⚠️ Warning:**
Make sure the baby’s mouth is open during operation, so that air will flow smoothly in nostril.
- ⚠️ Warning:**
The collection cup is reusable, after each use, clean as per “Clean and Disinfect” section

Troubleshooting

Should any of the problems incur, please refer to the troubleshooting guide. If the problem still persists, please contact Oricom Support.

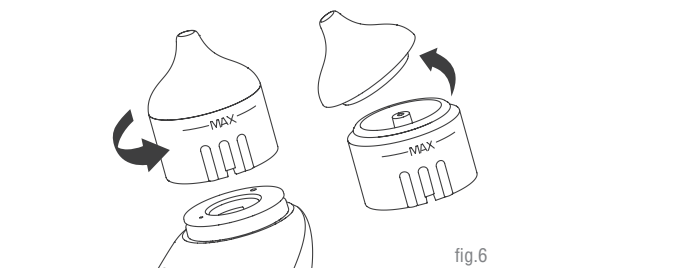
Problem	Solutions
No suction or weak suction	1. Check the seal ring in the correct position 2. Check the collection cup in the correct position 3. Check the suction nozzle in the correct position
Not powering on	Check the battery charge status

Clean and Disinfect

Note: Clean within one hour of use.

1. Disassembly

Remove the suction nozzle and collection cup (see fig. 6).

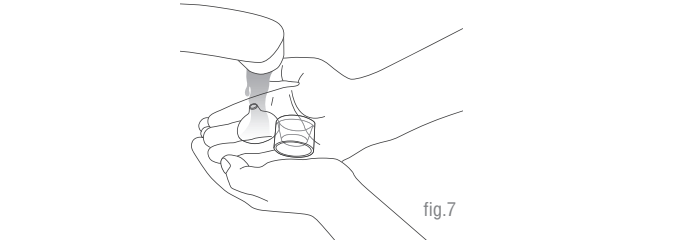


2. Cleaning

Clean the device exterior with damp cloth.

- Do not use erosive chemicals to clean the device.
- Do not wash the HNA350 main housing with water or any kind of liquids.

First, use a cotton swab or gauze moistened with 75% alcohol to clean the suction nozzle and collection cup of any nasal secretions, then clean with running water for 3 minutes.Wipe with a dry gauze soaked in 75% alcohol. Dry naturally or dry the parts with a clean, dry cloth.



3. Disinfection Procedure

After suction nozzle and collection cup is cleaned you can disinfect with boiled water or steam, Do not use microwave. Suggested disinfect time is 15 minutes.

4. Maintenance Before Packaging

Check that the disinfection components (suction nozzle and collection cup)are dry and clean, then assemble the nasal aspirator.

5. Storage Requirements

Do not expose the nasal aspirator to direct sunlight or damp area.

Ambient temperature:-20 C C ~55 C (-4F~ 131°F)

Relative humidity: s 95%RH

Pressure altitude:700hPa~1060hPa

Note:

Excessive cleaning or disinfection of nasal aspirator may reduce the performance of the product or shorten the life of the suction nozzle.

Explanation Of Symbols

Symbol	Description of symbol		
	Indicates the need for the user to consult the instructions for use for crucial cautionary information such as warnings and precautions that can not, for a variety of reasons, be presented on the medical device itself.		
	Please read the instructions carefully.		
IP22	Degree of protection against harmful ingress of water and particulate matter2 Protected and against solid foreign objects of 12.5mm Φ and greater 2 Protection against vertically falling water drops when ENCLOSURE tilted up to 15°		
	DISPOSAL: Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.		
Symbol	Description of symbol	Symbol	Description of symbol
	Applied part, Type BF		Model number
	Direct current		Made in China
	Serial number		Manufacturer
	Date of manufacture		Medical device

EMC Declaration

The ME EQUIPMENT or ME SYSTEM is suitable for home healthcare and clinic environments.

Statement: “The nasal aspirator model NC007 was tested according to the recommendations of Technical Report IEC TR 60601-4-2: Medical electrical equipment – Part 4-2: Guidance and interpretation – Electromagnetic immunity; performance of medical electrical equipment and medical electrical systems.”

Warning:

Don't near active HF surgical equipment and the RF shielded room of an ME system for magnetic resonance imaging, where the intensity of EM disturbances is high.

Warning:

Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Warning:

Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.”

Warning:

Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the equipment NC007, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

1. All necessary instructions for maintaining BASIC SAFETY and ESSENTIAL PERFORMANCE with regard to electromagnetic disturbances for the excepted service life.
Portable and mobile RF communication equipment may affect the performance of the NC007, avoiding strong electromagnetic interference when used, such as near mobile phones, microwave ovens, etc.
2. Guidance and manufacturer's declaration -electromagnetic emissions and Immunity

Guidance and manufacturer's declaration -electromagnetic emissions and Immunity

Guidance and manufacturer's declaration - electromagnetic emissions	
Emissions test	Compliance
RF emissions CISPR 11	Group 1
RF emissions CISPR 11	Class B
Harmonic emissions IEC 61000-3-2	Not applicable
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Not applicable

Guidance and manufacturer's declaration - electromagnetic Immunity		
Immunity Test	IEC 60601-1-2 Test level	Compliance level
Electrostatic discharge (ESD) IEC 61000-4-2	±8 kV contact ±2 kV, ±4 kV, ±8 kV ±15 kV air	±8 kV contact ±2 kV, ±4 kV, ±8 kV ±15 kV air
Electrical fast transient/burst IEC 61000-4-4	Not applicable	Not applicable
Surge IEC 61000-4-5	Not applicable	Not applicable
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	Not applicable	Not applicable
Power frequency magnetic field IEC 61000-4-8	30 A/m 50Hz/60Hz	30 A/m 50Hz/60Hz

Guidance and manufacturer's declaration - electromagnetic Immunity		
Conducted RF IEC61000-4-6	Not applicable	Not applicable
Radiated RF IEC61000-4-3	10 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz	10 V/m 80 MHz – 2,7 GHz 80 % AM at 1 kHz
NOTE UT is the a.c. mains voltage prior to application of the test level.		

Guidance and manufacturer's declaration - electromagnetic Immunity						
Radiated RF IEC61000-4-3 (Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment)	Test Frequency (MHz)	Band (MHz)	Service	Modulation	IEC 60601-1-2 Test Level (V/m)	Compliance level (V/m)
	385	380 - 390	TETRA 400	Pulse modulation 18 Hz	27	27
	450	430 - 470	GMRS 460, FRS 460	M ±5kHz deviation 1 kHz sine	28	28
	710	704	LTE Band 13,17	Pulse modulation 217 Hz	9	9
	745	787				
	780	787				
	810	800 - 960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation 18 Hz	28	28
	870					
	930					
	1720	1700 - 1990	GSM 1800; CDMA 1900; GSM 1900; DECT; LTE Band 1, 3, 4, 25; UMTS	Pulse modulation 217 Hz	28	28
	1845					
	1970					
	2450	2400 - 2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation 217 Hz	28	28
	5240	5100 - 5800	WLAN 802.11 a/n	Pulse modulation 217 Hz	9	9
	5500					
	5785					

Guidance and manufacturer's declaration - electromagnetic Immunity				
Radiated RF IEC61000-4-39 (Test specifications for ENCLOSURE PORT IMMUNITY to proximity magnetic fields)	Test Frequency	Modulation	IEC 60601-1-2 Test Level (A/m)	Compliance level (A/m)
	30 kHz	CW	8	8
	134,2 kHz	Pulse modulation 2.1 kHz	65	65
	13,56 MHz	Pulse modulation 50 kHz	7,5	7,5

This product is manufactured in People's Republic of China under a quality system by: Guangzhou Berrcom Medical Device Co., Ltd, No. 38, Huanzhen Xi Road, Dagang Town, Nansha, 511470, Guangzhou, People's Republic of China.

IMPORTED & DISTRIBUTED IN AUSTRALIA by the sponsor:- Oricom International Pty Ltd, Unit 1, 4 Sovereign Place, South Windsor 2756 AUSTRALIA.

Disposal

The nasal aspirator contains batteries and recyclable electronic waste. To protect the environment, do not dispose of it in household waste as unsorted municipal waste, but collect separately and take it to an appropriate local collection center.



Express Warranty (Australia)

This Express Warranty is provided by Oricom International Pty Ltd ABN 46 086 116 369, Unit 1, 4 Sovereign Place, South Windsor NSW 2756, herein after referred to as “Oricom” .

Oricom warrants that the product is free from defects in materials or workmanship during the Express Warranty Period. This Express Warranty does not extend to any product from which the serial number has been removed or was purchased outside of Australia.

The benefits of this Express Warranty are in addition to other rights and remedies you may have under the Australian Consumer Law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. In the event of a minor failure, Oricom reserves the right to choose to repair or replace the product.

The Express Warranty Period will be a period of 12 months beginning on the date of purchase of the product evidenced by your dated sales receipt. You are required to provide proof of purchase as a condition of receiving Express Warranty services.

You are entitled to a replacement product or repair of the product at our discretion according to the terms and conditions of this document if your product is found to be faulty within the Express Warranty Period. This Express Warranty extends to the original purchaser only and is not transferable.

Products distributed by Oricom are manufactured using new materials or new and used materials equivalent to new in performance and reliability. Spare parts may be new or equivalent to new. Spare parts are warranted to be free from defects in material or workmanship for thirty (30) days or for the remainder of the Express Warranty Period of the Oricom branded product in which they are installed, whichever is longer. During the Express Warranty Period, Oricom will where possible repair and if not replace the faulty product or part thereof. All component parts removed under this Express Warranty become the property of Oricom. In the unlikely event that your Oricom product has a recurring failure, Oricom may always, subject to the Competition and Consumer Act 2010, at its discretion, elect to provide you with a replacement product of its choosing that is at least equivalent to your product in performance.

No change to the conditions of this Express Warranty is valid unless it is made in writing and signed by an authorised representative of Oricom.

Oricom will not be liable under this Express Warranty, and to the extent permitted by law will not be liable for any defect, loss, damage or injury arising out of or in connection with a:

1. Failure by you to adhere to the warnings and follow the instructions set out in this user guide for the proper installation and use of the product;
2. Willful misconduct or deliberate misuse by you of the product;
3. Any external cause beyond our control, including but not limited to power failure, lightning or over voltage; or
4. Modification to the product or services carried out on the product by anyone other than Oricom or Oricom's authorised service provider.

How to make a claim under your Express Warranty in Australia
Oricom has a simple warranty process for you to follow:

- Please call or email our Customer Support Team, 02 4574 8888 or support@oricom.com.au.
- A Customer Support Team member will verify after troubleshooting with you if your product qualifies under warranty. If so, they will give you a Product Return Authorisation number.
- We will then email a Return Authorisation form and a Repair Notice (if necessary), together with instructions on how to return the product for warranty service.

Please note that if a Customer Support Team member advises that your product does not qualify for return, this warranty does not apply to your product. Products that are authorised to be returned to Oricom in Australia must include all of the following:

- A completed Return Authorisation form
- A copy of your Proof of Purchase (please keep your original copy)
- The faulty product, including all accessories.

Send the approved returns to:

Oricom International Pty Ltd
Locked Bag 658
South Windsor NSW 2756 Australia

Please note that this Express Warranty excludes expenses incurred by you in returning any faulty product to us. You must arrange and pay any expenses incurred (including postage, delivery, freight, transportation or insurance of the product) to return the faulty product to us, however, we will arrange delivery of the repaired or replaced faulty product to you.

Important Information - Repair Notice

Please be aware that the repair of your products may result in the loss of any user-generated data (such as stored telephone numbers, text messages and contact information). Please ensure that you have made a copy of any data saved on your product before sending for repair. Please also be aware that products presented for repair may be replaced by refurbished products or parts of the same type rather than being repaired.

ORICOM CUSTOMER SUPPORT

Oricom have a trained and dedicated team of Customer Support Representatives, each with the knowledge and resources to assist in answering your questions quickly and efficiently.

Oricom Support - Australia

For all product enquiries, troubleshooting or to discuss the range of Oricom products, feel free to contact Oricom or visit our website for answers to frequently asked questions.

(02) 4574 8888
Monday - Friday 8am - 6pm AEST
Email: support@oricom.com.au
www.oricom.com.au

Oricom Support - New Zealand
0800 674 266

Monday - Friday 10am - 8pm NZST
Email: support@oricom.co.nz

