

NuForce

Air DAC / TX

FCC Compliance Statement



Hereby, NuForce Inc. declares that this device is in compliance with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment uses and can radiate radio frequency energy. If not installed and operated in accordance with the instructions, it may interfere with radio communications.

There is no guarantee that interference will not occur in a particular installation. If this equipment does interfere with radio or television reception, the user may be able to correct the problem by one or more of the following measures:

- ☐ Reorient or relocate the receiving antenna.
- ☐ Increase separation between equipment and receiver.
- ☐ Use equipment on a circuit to which the receiver is not connected.
- ☐ Consult your dealer or an experienced radio/TV technician for help.

WARNING: Only peripherals complying with the FCC class B limits may be attached to this equipment.

Changes or modifications made to this equipment, not expressly approved by us or parties authorized by us could void the user's authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Notice for customers: The following information is only applicable to equipment sold in countries applying EU Directives.

EU Declaration of Conformity



Hereby, NuForce Inc. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC.

The manufacturer of this product is NuForce, 382 South Abbott Ave, Milpitas, CA 95035, USA.

The Authorized Representative for EMC and product safety is NuForce, 382 South Abbott Ave, Milpitas, CA 95035, USA.

For any service or warranty matters, please refer to the addresses given in separate service or warranty documents.

For customers in Europe



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

SAFETY INSTRUCTIONS

There are two categories of Safety Instructions included in this manual:

- ☐ Product Warnings, (i.e., what must never be done to assure avoiding those hazards that could cause bodily injury or property damage); and
- ☐ User Directions (i.e., what must always be done to assure the safe use of your device).

The Safety Instructions contained in this manual have been categorized in accordance with the seriousness of the potential hazards through the use of Signal Words. Those Signal Words, and their intended meanings, are as follows:

DANGER: Indicates that failing to observe the Safety Instructions could result in death or catastrophic bodily injury.

WARNING: Indicates that failing to observe the Safety Instructions could result in serious bodily injury.

CAUTION: Indicates that failing to observe the Safety Instructions could result in minor bodily injury or property damage.

NOTE: Designates important information that relates to activities and/or conditions that might result in loss of data and/or damage to your device.

Safe Use and Operation of Your Device

This equipment emits stray RF energy and will interfere with the reception of signals by airborne electronic navigational devices or medical devices. Do not operate this equipment near any sensitive medical devices.

WARNING: Use only grounded AC power cords.

Always immediately disconnect the power to the equipment in the event the device emits an unusual odor or sound or generates smoke.

WARNING: Never attempt to disassemble, repair or make any modification to your device. Disassembly, modification or any attempt at repair could cause bodily injury or property damage, as well as damage to the device itself.

WARNING: Your device is not a toy. Never allow children to play with your device. Misuse, rough or improper handling of your device by children could result in serious bodily injury for any of the enumerated safety warnings in this manual. In addition, always keep all accessories and components out of the reach of small children as small parts might present a choking hazard. Seek immediate medical attention if choking occurs or if any small part has been swallowed.

CAUTION: Never raise the sound volume level too high when using your device with earphones. An excessive sound volume level could cause damage to your hearing.

WARNING: To reduce the risk of fire or electric shock, do not expose the unit to moisture or water.

Do not allow foreign objects to get into the enclosure. If the unit is exposed to moisture, or a foreign object gets into the enclosure, immediately disconnect the power cord from the wall. Take the unit to a qualified service person for inspection and necessary repairs.

Read all the instructions before connecting or operating the component.

Keep this manual so you can refer to these safety instructions.

Heed all warnings and safety information in these instructions and on the product itself. Follow all operating instructions.

Do not use this unit near water.

Allow for a minimum 10 cm or 4 inches of unobstructed clearance around the unit. Do not place the unit on a bed, sofa, rug, or similar surface capable of blocking ventilation openings. If the unit is placed in a bookcase or cabinet, allow for proper ventilation. Keep the component away from radiators, heat registers, stoves, or any other appliance that produces heat.

If the unit requires a power supply:

- ☐ It must be connected to a power supply only of the type and voltage specified on the rear panel.
- ☐ Connect the component to the power outlet only with the supplied power supply cable or an exact equivalent. Do not modify the supplied cable.
- ☐ Do not route the power cord where it will be crushed, pinched, bent, exposed to heat, or damaged in any way. Pay particular attention to the power cord at the plug and where the cord exits the back of the unit.
- ☐ The power cord should be unplugged from the wall outlet during a lightning storm or if the unit is to be left unused for a long period of time.

Immediately stop using the component and have it inspected and/or serviced by a qualified service agency if:

- ☐ The power supply cord or plug has been damaged.
- ☐ Objects have fallen or liquid has been spilled into the unit.
- ☐ The unit has been exposed to rain.
- ☐ The unit shows signs of improper operation.
- ☐ The unit has been dropped or damaged in any way.

Introduction

NuForce Air DAC's wireless technology lets you stream music from your computer USB port, iPhone, iPad or iPod to up to four different receivers throughout your home or office. Easily get CD-quality sound with no latency and no interference throughout your environment—wirelessly, with Air DAC.

The NuForce Air DAC wireless DAC/receiver and associated TX transmitters are based on a new wireless technology known as SKAA (www.skaa.com). SKAA provides seamless operation and a consistent user interface across different SKAA devices. SKAA technology has several advantages resulting in CD-quality sound and ease of setup described in more detail below.

Air DAC offers:

- ☐ CD-quality sound, no latency, no interference with other Wi-Fi signals
- ☐ Simple control and setup — no software, setup or pairing
- ☐ Stream music to up to four receivers, and from up to four devices
- ☐ Works with any digital audio from music, movies, and games
- ☐ Works anywhere without interference — no wifi "hot spot" needed for reception

About the Air DAC and SKAA wireless technology

With Air DAC, you don't move to the music—the music moves with you.

The Air DAC Wireless System is a combination wireless transmitter (iTX or uTX) and radio receiver (Air DAC) that operates in the 2.4GHz radio band. The Air DAC Receiver utilizes a premium quality Digital-to-Analog Converter (DAC) stage and simple one-button SKAA control.

Unlike similar devices, the Air DAC and associated TX transmitters do not experience the typical loss in sound quality or interference capability of cell phones and other wireless devices. Rather, they offer CD-quality sound, virtually no latency, a 15-30 meter range, and a spread-spectrum technology that detects and chooses from among available frequency spectrums in order to avoid interference.

The NuForce Air DAC Wireless Receiver and any device fitted with an appropriate matching TX transmitter can be combined to form a **wireless audio network**. Each transmitter can send audio to four receivers, and each receiver can connect to as many as four transmitters.

Just link your Apple mobile device wirelessly to multiple amplifier/speaker systems located throughout your home. Then simply walk into any room with your portable player—the system automatically locks on to its signal—and stream your music to the speakers in that space. Move to the next room and stream music from the same device to that room's receiver or pair of speakers. Wherever you roam in your home or office, your music is with you.

Features:

- ☐ Can receive and lock with up to four independent iTX-100/uTX-100 transmitters.
- ☐ Simple operation —Use the single front-panel switch to step through each of the available transmitters within range of the receiver. The cycle returns to first transmitter after selecting the last available transmitter.
- ☐ CD-quality performance
- ☐ Extra-wide wireless audio range covers larger environments — iTX-100 range approximately spans 10-20m; uTX-100 range spans approximately 15-30m depending on conditions.
- ☐ uTX (for USB device) Transmitter is cross-platform (Mac/PC), so there's no need to install drivers.

The iTX similarly connects to a standard analog dock when mated with Apple iPod , iPhone and iPad.

Compatibility

NuForce Air DAC is compatible with the following products using the iTX transmitter:

- ☐ iTX is compatible with all iPod devices that have the 30-pin connector (i.e. except Shuffle).
- ☐ iPod touch (1st, 2nd, 3rd, and 4th generation)
- ☐ iPod classic
- ☐ iPod nano (1st, 2nd, 3rd, 4th, 5th, and 6th generation)
- ☐ iPod with color display
- ☐ iPod mini
- ☐ iPod with Click Wheel
- ☐ iPhone 4S
- ☐ iPhone 4
- ☐ iPhone 3GS
- ☐ iPhone 3G
- ☐ iPhone
- ☐ iPad 2
- ☐ iPad

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Included Accessories

- ☐ Power supply
- ☐ Charge Cable (Only iTX)

Specifications

- ☐ 16-bit/48kHz x 2-channels
- ☐ Operates @ 2.4GHz
- ☐ RCA Output: 2.1Vrms
- ☐ THD+N: 0.03% @ 1kHz.
- ☐ Frequency Response: 20-20kHz
- ☐ SNR > 91dB A-weighted
- ☐ Power Requirement: 6.5V, 600mA, 100-240VAC (Worldwide AC)
- ☐ Dimensions: 3.2"W x 3.4"D x 1.1"H
- ☐ Weight: 1 lb. Shipping weight 5 lb.

Air DAC/ TX User Setup

There are numerous ways that the Air DAC / TX system can be configured. Here are a few guidelines to help you get started. Once you become familiar with operating the system you will be able to easily configure it for other, more advanced applications. In addition, we have included a detailed listing below of the Air DAC's SKAA operating controls to help in setting up whatever type of system you might be considering.

Quick Start Guide

Start Here - System Connection to Apple Mobile Devices (iPod, iPhone, iPad)

The majority of users will likely be connecting the system to Apple Mobile Devices such as an iPod for multiple-room music playback. If that is your goal, then here is the place to start. Even if you are planning a more advanced application, it might be a good idea to try setting up this simple system first in order to become familiar with how everything works.

- 1) Connect the iTX transmitter to the base of the iPod. Start playing music from the iPod and set the volume to maximum.
- 2) Plug the Air DAC into the AC power outlet and check to make sure it is turned on.
- 3) Connect the L&R RCA audio outputs of the Air DAC via quality interconnect cables to an unused input of your home stereo system (or other amplifier/speaker combination).
- 4) After approximately one minute, the Air DAC will recognize and bond with the signal coming from the iTX/iPod. Once bonded, that iTX/iPod will automatically be added to the Air DAC's Green List of favorite devices.
- 5) If you would rather not wait (as in step 4) for the Air DAC to automatically bond with your iPod (or it fails to do so for some reason), then double-click the Air DAC's front panel SKAA button. At this point, the Air DAC will begin hunting for the radio signal coming from the iTX transmitter connected to your iPod. Once it detects the signal, it should bond to it. When the process is completed, the LED at the front of the Air DAC should turn AMBER.
- 6) At this point, you may wish to manually add the iPod to the Air DAC's Green List. To do so push and hold the front panel button on the Air DAC for about three seconds until the AMBER LED turns GREEN. Once completed, that iTX/iPod will be automatically recognized by the Air DAC every time it comes within the vicinity.
- 7) Set the volume control of the stereo system to the minimum position and then turn on the AC power.
- 8) Slowly turn up the stereo system's volume to the 9 o'clock position.
- 9) Listen for the sound of music playing through the speakers. If you hear music, turn the stereo system up to the desired listening level. If you do not hear music, turn the volume of the stereo system back down and then repeat steps 5 through 9.

System Connection to a Computer

- 1) Connect the uTX transmitter to an available USB port on the computer. Start playing music from the computer's media software player and set the volume to maximum (0 dBFS). Check that the computer sound device is configured to play from SKAA USB Audio device.
- 2) Repeat steps 2 through 9 above.

Creating a Cluster

A cluster is a method whereby several Air DAC units can be combined in a way that allows one unit to be in control of up to three others. In such a system, the front panel button SKAA control of the Master unit directs the operation of all the system's other Slave units. Once a preferred source is selected from the Green List on the Master unit, all of the Slave units will then switch to the same source. If a new source is desired at a future point, it must be selected via cycling through the sources stored in the Master's Green List.

Typically, such an arrangement might occur where you would have several Air DAC /Amplifier / Speaker systems located in several rooms and configured so that you could move about your home with an iPod playing in your pocket. This arrangement would allow you to have music follow you from room to room without the need to change control settings on any of the other Air DAC receiver systems.

Another application might apply to a pair of mono amplifiers (i.e., one channel each) configured for stereo playback and separated by a distance in which signal wires going to each is not a practical option. In that case, you would assign one Air DAC unit to each amplifier and use only the appropriate Left or Right channel of each to feed a given amplifier. In any case, the following procedures will apply:

- 1) Connect the appropriate iTX or uTX transmitter to the source device. Start playing music from the source and set the volume to maximum.
- 2) Locate the number of Air DACs you will be using at their designated locations, making sure that AC power is available nearby.
- 3) Connect the appropriate RCA audio outputs of each Air DAC via quality interconnect cables to the inputs of each amplifier / speaker combination.
- 4) Power the Master unit to On while holding down the SKAA button until RED LED starts flashing.
- 5) Power each of the remaining Air DAC receiver units On.
- 6) Once the LED on the Master becomes solid (stops flashing), turn off the Master and all of the other Slave Air DAC receiver units.
- 7) The cluster has been successfully made. Now turn on the Master and Slave units.
- 8) For each location, set the volume control of the amplifier / speaker system to the minimum position and then turn on the AC power.
- 9) Slowly turn up the volume of each amplifier / speaker system to a 9 o'clock position.
- 10) Listen for the sound of music playing through the speakers on each system. If you hear music, then turn the system volume up to the desired listening level. If you do not hear music, turn the volume of the system back down, turn off all Master & Slave units, and then repeat steps 4 through 10.

Dismantling a Cluster

At some point after having created a cluster you may wish to return the Air DAC receivers back to stand-alone operation so that they can once again be used as individual units. In order to do so, simply follow steps #1 through #4 above in "Creating a Cluster" while omitting step #5. In other words, follow the steps in creating a "Master" without turning on the additional units that would become "Slaves." Once step #4 has been completed, then turn off the unit in question as stated in step #6. When you turn it on the next time, that unit will now operate as an independent receiver.

Air DAC / SKAA CONTROL GUIDE

Each Air DAC / SKAA® receiver uses a Green List to keep track of your favorite transmitters (up to ten of them). Hunting through your Green List for your favorite transmitters is signaled by a Green LED. Your receiver can also explore to find new transmitters. Exploring is signaled by an Amber LED. If your receiver has two or more wireless pieces — for example, a left speaker and a right speaker — we call that a Cluster. Each Cluster uses only one Green List. In that way, all of its pieces perform as one. You can command SKAA by using the SKAA Button (the button with the  logo).

Essentials

	Command	LED Meaning
Click	<u>Favorites</u> Hunt for your favorite transmitters. Click again to switch between hunting for <i>all</i> transmitters on your Green List and <i>only the current one</i>	Green (dim) = Hunting Flash # = Green List # Green (solid) = Bonded
Double Click	<u>Explore</u> Hunt for new transmitters (not favorites)	Amber (dim) = Hunting Amber (solid) = Bonded
Hold (a few seconds)	<u>Add / Delete</u> Manually add or delete transmitters from your Green List	Amber to Green = Added Red (flashing) = Deleted
-	<u>Auto Add</u> SKAA adds the current Amber transmitter to your Green List if you listen to it for 30 minutes	Amber to Green = Added

More Commands

	Command	LED Meaning
Triple Click	<u>Mute</u> (to cancel Mute, click once)	Amber or Green (slow flash) = Muted

	Command	LED Meaning
6 Click	<u>Clear the Green List</u> Start over!	Red (flash) = Green List Cleared
Hold during power on	<u>Make a Cluster of receivers:</u> 1. Make sure the transmitter is Powered Off 2. Power On the Master receiver while holding down its SKAA Button—hold until red LED flashes 3. With the remaining receivers within 3 meters of the Master receiver, Power On the first one, wait for its Red LED to flash and then power on the second one. 4. Once all of the LEDs stop flashing (turn solid Red), power off all of the receivers	Red (flash) = Master receiver has entered 'Cluster Up' mode Red (solid) = The Cluster has been successfully made

Questions and Answers

Question	Answer
How do I know where I am on the Green List?	When you single click the SKAA button, the receiver hunts through the Green List much like a car stereo hunts for radio stations when you press "seek". When you see the Green LED flash once, the receiver is looking for transmitter #1 on the Green List. When it flashes twice, it's looking for transmitter #2 on the Green List, and so forth. The receiver looks for each transmitter for about 3 seconds and if not found it moves on to the next one. This LED flashing feedback only happens for the first 5 transmitters on the Green List.
How do I get my	Let's say you'd like your receiver to sit and wait for

receiver to listen for a particular transmitter?	transmitter #3 on your Green List. Single click the SKAA button and watch the LED—count how many times it flashes. The receiver will stop and play audio from all active transmitters as you do this. Repeat until you see the LED flash 3 times—when you do, single click the SKAA Button again. SKAA will stop hunting through the Green List—it will just sit there and look solely for transmitter #3. Single clicking the SKAA Button toggles between hunting through the whole Green List and sitting and waiting for one particular transmitter.
What is the Master Receiver?	In any Cluster, there is a single Master Receiver, and all of the other receivers in the Cluster follow its behavior. The Master has a working SKAA Button and you can control the entire Cluster with that one button.
Can any receiver be the Master of a Cluster?	No. A receiver must have a physical SKAA Button in order to be made the Master of a Cluster. If a receiver has no SKAA Button it can only operate as a subordinate part of a Cluster— it cannot be the Master of that Cluster and it cannot operate independently.
How do I “uncluster” a group of receivers?	Do the Make a Cluster of receivers procedure once for each receiver, omitting step 3. This gives each of the receivers a functioning SKAA Button, and each then operates independently.
When I perform the Clustering procedure, how much time do I have to do each step?	Each step has a 10 second time out. For example, when you see the Master’s LED start to flash, you have up to 10 seconds to power on the next receiver. When that receiver’s LED starts flashing, you have 10 more seconds to power on the next one, etc.
Why does only one of my SKAA Buttons work?	If you’ve made a Cluster from several receivers, the first one powered on in the Make a Cluster of receivers procedure is the Master of the Cluster. Only the Master’s SKAA Button will be functional because a Cluster uses just one Green List.
Can any group of SKAA receivers be made into a Cluster?	No. The receivers must be the same product model or be part of the same product family. If they are not, the Make a Cluster of receivers procedure will not work. This is because only receivers that were designed to work together in tandem can be made into a Cluster.

FCC Statement: Federal Communication Commission Interference Statement This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- ☐ Reorient or relocate the receiving antenna.
- ☐ Increase the separation between the equipment and receiver.
- ☐ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ☐ Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

IC Statement: This Class B digital apparatus complies with Canadian ICES-003. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Troubleshooting

Factory Default Setting:

When plugging in the Air DAC for the first time, it should turn on in Hunting Mode. The SKAA LED starts out illuminated a dim AMBER color (Hunting Mode), and as soon as any TX transmitter is detected (i.e., powered up), it turns to solid AMBER. After approximately one minute, the Air DAC will recognize and bond with the signal coming from the TX transmitter and the LED will turn solid GREEN. Once bonded, that TX transmitter will automatically be added to the Air DAC's Green List of favorite devices.

In the event you are not able to get sound through your system, make sure that all interconnect cables are in good condition and properly connected, with all power turned on, and that volume levels are appropriately set. You should also check to make sure that your batteries are fully charged in any portable device you're using.

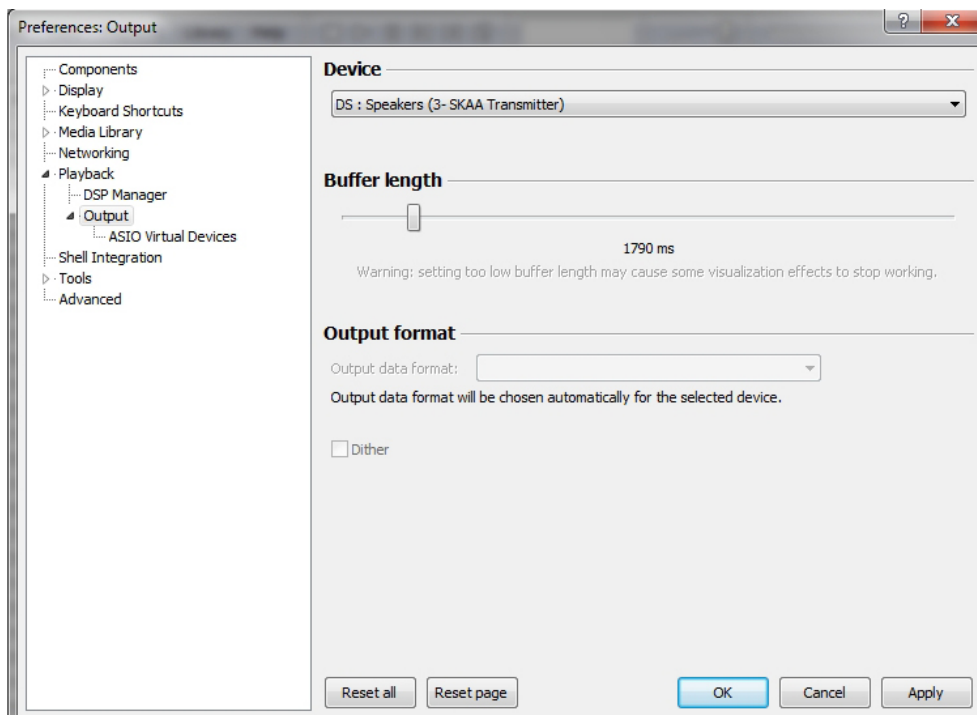
Problem: Not responding to my clicks on the SKAA button.

Solution: Clicks should be fast and rapid, without pauses.

Problem: No sound but the LED is lit.

Solution: Check the Air DAC LED color. If AMBER or GREEN (which means it is getting a wireless signal), THEN check to make sure that:

- ☐ The volume is set correctly
- ☐ The iTX or uTX is properly inserted
- ☐ The Windows Audio Driver points to SKAA Transmitter
- ☐ Please note that the uTX only supports Direct Sound mode (WASAPI, ASIO). Kernal Streaming is not supported.



If the LED is RED, either no transmitter has been detected within range or the transmitter is not on the Green list.

Problem: No Sound and LED is not illuminated

Solution: Check to see that the power is properly connected

In the event that none of the above remedies the problem, please contact our Technical Support department at the number provided on our website www.nuforce.com. Our expert staff will be happy to assist you.

NuForce One (1) Year Limited Warranty

NuForce's Limited Warranty and Limitation of Liabilities

ADDITIONAL RIGHTS

FOR CONSUMERS, WHO ARE COVERED BY CONSUMER PROTECTION LAWS OR REGULATIONS IN THEIR COUNTRY OF PURCHASE OR, IF DIFFERENT, THEIR COUNTRY OF RESIDENCE, THE BENEFITS CONFERRED BY THIS WARRANTY ARE IN ADDITION TO ALL RIGHTS AND REMEDIES CONVEYED BY SUCH CONSUMER PROTECTION LAWS AND REGULATIONS. THIS WARRANTY DOES NOT EXCLUDE, LIMIT OR SUSPEND ANY RIGHTS OF CONSUMERS ARISING OUT OF NONCONFORMITY WITH A SALES CONTRACT. SOME COUNTRIES, STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY OR CONDITION MAY LAST, SO THE LIMITATIONS OR EXCLUSIONS DESCRIBED BELOW MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY BY COUNTRY, STATE OR PROVINCE. THIS LIMITED WARRANTY IS GOVERNED BY AND CONSTRUED UNDER THE LAWS OF THE COUNTRY IN WHICH THE PRODUCT PURCHASE TOOK PLACE.

LIMITED WARRANTY

For a period of ONE(1) YEAR from the date of retail purchase by the original end-user purchaser ("Warranty Period"), NuForce warrants (i) this product against defects in materials and workmanship, and (ii) that each Product, unmodified and under normal use and conditions, will substantially comply with NuForce' applicable written technical documentation for the Product. NuForce reserves the right to make substitutions and modifications from time to time in the specifications of Products sold by NuForce, provided that such substitutions or modifications do not materially affect overall Product performance.

If a hardware defect exists and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, NuForce will (1) repair the hardware defect at no charge, using new or refurbished replacement parts, (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product, or (3) refund the purchase price of the product. NuForce may request that you replace defective parts with user-installable new or refurbished parts that NuForce provides in fulfillment of its warranty obligation. A replacement product/part assumes the remaining warranty of the original product or ninety (90) days from the date of replacement or repair, whichever provides longer coverage for you. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes NuForce's property. When a refund is given, your product becomes NuForce's property.

OBTAINING WARRANTY SERVICE

If you purchased the product in the U.S., deliver the product, at your expense, to any NuForce Service Center located in the U.S. If you purchased the product outside of the U.S., deliver the product to any NuForce Authorized Importer in the country where you purchased the product. Be aware, however, that not all countries have NuForce Authorized Service Providers ('NASP') and not all Authorized Service Providers outside the country of purchase have all parts or replacement units for the product. If the product cannot be repaired or replaced in the country it is in, it may need to be sent to a different country or returned to the country of purchase at your expense for repair or replacement. If you seek service in a country that is not the country of original purchase, you will comply with all applicable import and export laws and regulations and be responsible for all custom duties, V.A.T. and other associated taxes and charges. Where international service is available, NuForce may repair or exchange defective products and parts with comparable products and parts that comply with local standards.

You can always deliver the product to NuForce's U.S. main service center for obtaining warranty service, however, you may have to pay for return shipping cost.

NuForce may send you user-installable new or refurbished replacement product or parts to enable you to service or exchange your own product ("DIY Service"). Upon receipt of the replacement product or part, the original product or part becomes the property of NuForce and you agree to follow instructions, including, if required, arranging the return of original product or part to NuForce in a timely manner.

When providing DIY Service requiring the return of the original product or part, NuForce may require a credit card authorization as security for the retail price of the replacement product or part and applicable shipping costs. If you follow instructions, NuForce will cancel the credit card authorization, so you will not be charged for the product or part and shipping costs. If you fail to return the replaced product or part as instructed or the replaced product or part is not eligible for warranty service, NuForce will charge the credit card for the authorized amount.

EXCLUSIONS AND LIMITATIONS

This Limited Warranty applies only to hardware products manufactured by or for NuForce that can be identified by the "NuForce" trademark, trade name, or logo affixed to them. The Limited Warranty does not apply to any non-NuForce hardware products or any accessories, even if packaged or sold with NuForce hardware. Non-NuForce manufacturers, suppliers, may provide their own warranties. Other accessories distributed by NuForce under the NuForce brand name are not covered under this Limited Warranty. This warranty does not apply: (a) to damage caused by accident, abuse, misuse, misapplication, liquid contact, fire, earthquake, non-NuForce products, or other external causes; (b) to damage caused by service performed by anyone who is not a NASP; (c) to a product or a part that has been modified without the written permission of NuForce; (d) to consumable parts, such as batteries, or protective coatings designed to diminish over time unless failure has occurred due to a defect in materials or workmanship; (e) to cosmetic damage, including but not limited to scratches, dents, and broken plastic on ports; (f) to defects caused by normal wear and tear or otherwise due to the normal aging of the product; or (g) if any NuForce serial number has been removed or defaced.

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