

User Guide AeroSkull Nano

- 1 Preface by MusicLife Ltd.
- 2 In the box
- 3 Product Description of the AeroSkull Nano®
- 4 AeroSkull Nano® Quick Start
- 5 Operating the AeroSkull Nano®
- 6 Led Light Indicator
- 7 Maintenance and Care
- 8 First Help before assistance
- 9 Safety Instructions
- 10 Appendix I – AeroSkull Nano® Guarantee
- 11 Appendix II – Product Questions & Answers
- 12 Appendix III – Trademarks
- 13 Appendix IV - Manufacturing and Support

Preface by MusicLife Ltd.

Jarre Technologies®, founded by the musical legend, Jean Michel Jarre has unveiled its latest speaker system, the AeroSkull Nano®. Uniquely designed to arouse fascination and curiosity, the AeroSkull Nano® is a monument to design, power and precision.

Optimal sound quality goes hand in hand with design at Jarre Technologies®. The AeroSkull Nano® features two 2 Watt speakers hidden behind sunglasses with an impressive 4 Watt Sub Woofer covering the whole of the back of the skull as well as 1% THD (Total Harmonic Distortion), to deliver an uncompromising listening experience.

Jean Michel Jarre first used the image of the skull in 1976 on the cover of his world renowned album, Oxygene which sold over 15 million copies. He says, "For me, the skull symbolises the perfect acoustic instrument it is the sound box for word, song and music."

The AeroSkull Nano® is compatible with a large range of devices (see [Compatible Devices](#) for details) and a jack cable can also connect to any Mp3 player, computer or CD/DVD player. Bluetooth simplifies connection to any smartphone, laptops and any other Bluetooth.

In the box

- AeroSkull Nano®
- Micro USB to USB and 3.5mm cable
- Carabiner with strip
- Quick User-guide

Product Description of the AeroSkull Nano®

Technical Specification

- Bluetooth®, Compatible Bluetooth profiles: A2DP, AVRCP
- Amplifier Power 6 Watt
- Micro USB for Firmware update.

AeroSkull Nano® Quick Start

To start, plug the AeroSkull Nano® to your computer using the usb cable provide and the first time charge it for at least for 12 hours. To Power ON press and hold for about one second the power button located at the back of the speaker. [\(image how to plug the socket\)](#)

On Power ON the white LED will blink once. After Powered on, the product will automatically go into pairing mode. The Blue LED located on the tooth will start blinking to indicate that the AeroSkull Nano® Bluetooth is ON and ready to connect.

4.1.Using Bluetooth

To stream music to the AeroSkull Nano® using Bluetooth simply connect your Bluetooth device to the AeroSkull Nano® and press play on you device.

4.1.1.Connect to iPhone® or iPod®

To enable this feature, perform the following steps [\(image how to connect via Bluetooth iOS\)](#)

- Go to Settings on your iOS device.
- Look for General in the list
- Then under General go to Bluetooth;
- Make sure Bluetooth is On;
- Under Devices you should see something like this NANO_XXXXXX_XXNot Paired (X stands for letters or number, this may change for each device).
- Tap the list item NANO_XXXXXX_XXto connect. Your device will show that AeroSkull Nano® is connected.

4.1.2.Connect to Android Phones

To use this feature, perform the following steps:

- Go to Settings
- Tap on Bluetooth
- Turn On the Bluetooth
- Look for AeroSkull Nano® in the list of Available Devices. You should see something like this NANO_XXXXXX_XXNot Paired (X stands for letters or number, this may change for each device).
- Tap on the list item AeroSkull Nano® to pair and connect.

4.1.3.Connect to your Apple® Laptop or Desktop

Turn on Bluetooth on your computer.

- On Desktop top navigation bar click on the Bluetooth icon and from the Bluetooth dropdown select Set Up Bluetooth Device
- From the list of devices select AeroSkull Nano® and press Continue, you should see something like this NANO_XXXXXX_XXNot Paired (X stands for letters or number, this may change for each device).Wait for the confirmation message
- Go back to the Bluetooth dropdown on the navigation bar.
- Roll over the AeroSkull Nano® on the list, another dropdown will appear.
- Select Use as Audio Device.
- Now you can play the audio of your computer directly from the speaker.

Once connected the Bluetooth the Blue Led light will turn on.

Operating the AeroSkull Nano®

Volume Control

Volume on AeroSkull Nano® can be adjusted directly from the phone. There is no button to adjust the the volume directly from the speaker.

Led Light Indicator

AeroSkull Nano® has Four LED light indicators,  GREEN BLUE RED WHITE

AeroSkull Nano® has two LED indicators: Left Tooth and Right Tooth

The Blue LED is located on right tooth. The Red and White LEDs are located on the Left tooth.

Led Specifications

LED	Mode	Description
Left Tooth	Power ON	White LED STEADY ON for 2 seconds
Left Tooth	Power OFF	Red LED flashes once
Right Tooth	A2DP AAC, SBC, - Streaming	Blue LED steady ON
Right Tooth	Pairing Mode	Blue LED Blinking
Right Tooth	Device connected	Blue LED steady ON
Right Tooth	Line-in mode	Blue LED is ON
Left Tooth	Low Battery Indicator	Red LED is flashing
Left Tooth	Battery Charging	Green LED is steady ON

Input Mode

AeroSkull Nano® supports 2 kinds of input mode Bluetooth and Line-in mode

Bluetooth mode

What do you need:

- A bluetooth device
- 1 AeroSkull Nano®

To enable Bluetooth turn On AeroSkull Nano® the product will automatically go into pairing mode if no other device is connected. Then access Bluetooth on your device and go to the list of available devices. Look for AeroSkull Nano® between the list of the available devices then select AeroSkull Nano® to connect to the speaker. If AeroSkull Nano® does not appear on the list, please turn your speaker Off and then back On. Once you have successfully connected to the AeroSkull Nano®, the Blue LED Light Indicator located on the tooth of the AeroSkull Nano® will show a steady blue colour, you will now be able to stream audio.

Line-in mode

What do you need:

- 1 AeroSkull Nano®
- a 3.5 mm audio cable
- an audio device with Line out 3.5 mm port

To enable line-in mode you can connect a 3.5mm jack to the AeroSkull Nano® and play audio directly from your favourite device. Line-in port is located at the back of the AeroSkull Nano® next to the Micro USB port. [\(image: Line-in at the back of the AeroSkull Nano®\)](#)

Maintenance and Care

Maintenance may include periodically cleaning the AeroSkull Nano®.

8.1. Cleaning

Turn off the AeroSkull Nano® and unplug it before cleaning. To clean the exterior, use a soft, dry cloth.

DO NOT USE SOLVENTS OR SPRAYS.

DO NOT ALLOW LIQUIDS TO SPILL OR OBJECTS TO DROP INTO ANY AeroSkull Nano® OPENING.

8.3. Battery precautions

- The battery must not be open.

- The battery must not be short circuit.
- The battery cannot be replaced.

CAUTION


There is a danger of explosion if battery is incorrectly handled. Do not put the product into fire as it may explode or leak.

Place the AeroSkull Nano® on a flat and stable surface. It should not stand in direct sunlight or near water sources, humidity sources, heat, dust, vibrations or high magnetic fields. To ensure the best sound quality from your AeroSkull Nano®, we strongly recommend a compression rate of 256kb or higher for all mp3 or wma files.

First Help before assistance


Troubleshooting for your product

If you have any questions regarding the compatibility of your iPod®/iPhone® product with the AeroSkull Nano®, visit support.jarre.com for the most updated information.

Problem	Possible Cause of the problem	Possible solutions
Do not hear any sound from the AeroSkull Nano®	No Power	Make sure the battery is charged and the ON/OFF switch is hold down for 2 seconds.
	The volume level is too low	Increase volume by pressing the  button.
	Your streaming device does not have songs in memory or it does not work	Check other inputs like Line-in; if OK, check with another products
	The streaming device is in < stop > mode or < pause > mode	Check on the streaming device screen that the song track is playing
	The Mode you are trying to use is not the correct one	Make sure the streaming device is connected correctly. In case you are using Bluetooth make sure you are connected to AeroSkull Nano®. If using Line-in make sure the 3.5mm cable is plugged in Line-in port.
The product does not switch on	The battery is out of power	Connect AeroSkull Nano® to the USB port of your computer to charge the device.

For more information visit support.jarre.com

Safety Instructions

	<p style="text-align: center;">Important information related to the safety of the product</p> <p>The lightning flash icon stands for non-insulated "dangerous voltage" within the product enclosure and may become a risk of electric shock.</p> <p>The exclamation point in the equilateral triangle, is intended to alert the user that there is important operating and maintenance procedure in the user guide provided with the product.</p>
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Warnings

To prevent electrical shocks never try to open the product.

In order to prevent fire and electrical shock, do not use the power cord with extension, socket of any other accessories except if the plug can be completely inserted and the electrical pin are not accessible. In order to prevent any risk of fire or electric shock, do not expose the product to rain or humidity.

Warnings
 This product contains magnetic material. Please contact your physician in case you may have any questions whether it may affect the performance of your implanted medical device.

Battery precautions

- The battery must not be open.
- The battery must not be short circuit.
- The battery cannot be replaced.

CAUTION
 There is a danger of explosion if battery is incorrectly handled. Do not put the product into fire as it may explode or leak.

LED

CAUTION
 Invisible Laser radiation - Do not view directly with optical instruments
 Class 1M laser Product

NOTES:

Read, follow and keep the instruction manual for reference.



1. Clean the product only with a soft and dry fabric. Never use liquid cleaning products as it will damage the speaker.
2. Avoid placing the product in a location under the sunlight or near any appliance that generates heat such as an electric heater or above other Hi-Fi product that will generate heat. Avoid locations that lack ventilation are dusty, humid or exposed to vibration.
3. When charging the product make sure the charging cable is plugged correctly.
4. Use only spare parts and accessories specified by the product manufacturer.
5. Unplug the product during storms or when the product won't be used for a long period of time.
6. Contact a qualified worker for maintenance on the product. Maintenance will be needed if the product has any damage.
7. To reduce the risk of fire or electrical shock, this product should not be exposed to drop of water spray. Never try to open the product by yourself.
8. Use the control switch and buttons as per stated in the instruction manual.

9. Only use attachment or accessories specified by the manufacturer.
10. Don't not expose this product to dripping or splashing and ensure that no objects filled with liquids, such as Vases, are placed on the product.


RF warning statement



The device has been evaluated to meet Radio frequency exposure requirements.

Information about product generating electrical noise

	<p>This product complies with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/EC), the Electromagnetic Compatibility Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC) - issued by the Commission of the European Community, Compliance with these directives implies conformity to the following European Standards:</p> <p>EN 301 489-1: Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.</p> <p>EN 301 489-17: Electronic compatibility and Radio spectrum Matters (ERM), Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2.4 GHz wide band transmission systems and 5 GHz high performance RLAN equipment.</p> <p>EN 300 328: (Bluetooth) Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems: Data transmission equipment operating in the 2.4 GHz ISM band and using spread spectrum modulation techniques; Harmonised EN covering essential requirements under article 3.2 of the R&TTE Directive.</p> <p>EN 55022:Radio disturbance characteristics</p> <p>EN 55024:Immunity characteristics</p> <p>EN 61000-3-2: Limits for harmonic current emissions</p> <p>EN 61000-3-3:Limitation of voltage fluctuation and flicker in low-voltage supply system</p> <p>IEC 60950-1:2005:Product Safety</p> <p>The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking. The CE declaration conformity are available on our web site: http://support.jarre.com</p>
	<p>This product has been tested and results to comply with the limits of Class B digital device and Part 15 of the FCC Rules.</p> <p>This device may generate interference if not installed in accordance to the instructions provided by the manufacturer.</p> <p>Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this product</p>
<p>CANADA</p>	<p>This device complies with ICES 003 and with Industry Canada licence-exempt RSS standard(s).</p> <p>Operation is subject to the following two conditions:</p> <ol style="list-style-type: none"> 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.

Important information related to environment

	<p>This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.</p>
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	<p>This symbol is printed on batteries or packaging; it means that the batteries delivered with your product should not be proceed like other domestic waste.</p>
	<p>This product is designed for indoor use only.</p>

For further information visitsupport.jarre.com

Author copyright
The music data transferred/recorded cannot be used without the approval of the owner of the right except for personal use.

Appendix I – AeroSkull Nano® Guarantee

AeroSkull Nano® ships with two years warranty.


Appendix II – Product Questions & Answers

The following section presents questions and answers about the functionality of the product.

Q. How can I use the line in with AeroSkull Nano®?

A. The product ships with a hybrid cable that includes the line in jack. Connect the the line in jack to your preferred audio device, then connect the micro USB to the AeroSkull Nano®. You can now stream music to your nano device.

Appendix III – Trademarks

	<p>The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Music Life LTD is under license. Other trademarks and trade names are those of their respective owners.</p>
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Appendix IV - Manufacturing and Support

Manufacturer	Music Life LTD
Country of origin	People Republic of China
Manufacturer Website	www.musiclifeltd.com
Brand Name	Jarre Technologies®
Brand Website	www.jarre.com
After sale support website	support.jarre.com
For any assistance concat us at	support@jarre.com