

# User Guide AeroSkull XS +

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## Preface by MusicLife Ltd.

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

Optimal sound quality goes hand in hand with design at Jarre Technologies®. The AeroSkull XS + features two 3 Watt speakers hidden behind sunglasses with an impressive 6 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 XS + 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 . NFC devices can easily pair the Bluetooth of their phones via the One Touch Pairing feature.

## In the box

- AeroSkull XS +
- AC Power Adapter
- Lanyard
- Quick User-guide

## Product Description of the AeroSkull XS +®

### Technical Specification

- Bluetooth®, Compatible Bluetooth profiles: A2DP, AVRCP
- APTX - For lose-less audio wireless streaming
- NFC for Bluetooth® pairing
- True Wireless for wireless stereo mode
- Line-in 3.5 mm port
- Micro USB for Firmware update.

# AeroSkull XS +® Quick Start

To start, plug the AeroSkull XS +® to the power supply and the first time, charge it for at least for 12 hours. To Power ON press and hold for about one second seconds the power button located between the sun glasses of the speaker. [\(image how to plug the socket\)](#)

On Power ON the white LED will turn ON. 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 XS + Bluetooth is ON and ready to connect.

## 4.1.Using Bluetooth

To stream music to the AeroSkull XS + using Bluetooth simply connect your Bluetooth device to the AeroSkull XS +® 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 SKXS\_XXXXXX\_XXNot Paired (X stands for letters or number, this may change for each device).
- Tap the list item SKXS\_XXXXXX\_XXto connect. Your device will show that AeroSkull XS +® 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 XS + in the list of Available Devices.
- Tap on the list item AeroSkull XS + 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 selectSet Up Bluetooth Device
- From the list of devices select AeroSkull XS + and press Continue, wait for the confirmation message
- Go back to the Bluetooth dropdown on the navigation bar.
- Roll over the AeroSkull XS + on the list, another dropdown will appear.
- SelectUse 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.

### 4.1.4. Connect Using NFC

If your device supports NFC just tap your device on the top part of the AeroSkull XS +® until you hear the pairing sound or you will receive a message on screen on your device that the AeroSkull XS +® was successfully paired. [\(image: AeroSkull XS + NFC pairing\)](#)

## Operating the AeroSkull XS +®

### Volume Control

Volume control is located on the teeth of the AeroSkull XS +® [\(image: Show the volume control of AeroSkull XS +\)](#) . The Volume can be increased or decreased by simply pressing either +button for volume up or - button for volume down.

### Led Light Indicator

AeroSkull XS +® has Four LED light indicators,

GREEN

BLUE

RED

WHITE

AeroSkull XS has three LED indicators: Glasses, Tooth, Battery Indicator

Battery Indicator has 5 green LED and is located at the back of the product above the micro USB socket ( [image: Show Battery Indicator location](#) ) Blue LED is located on the lower tooth beside the Minus button. The Red and White LEDs are located between the glasses below the Power button ([image: show LED location on AeroSkull XS +](#))

## Led Specifications

LED	Mode	Description
Glasses	Power ON	White LED STEADY ON for 2 seconds
Glasses	Power OFF	Red LED flashes once (Breathing effect)
Glasses	Stand by mode (Sleeping mode)	White LED ON Breathing effect 1 second
Tooth	A2DP AAC, SBC,aptX - Streaming	Blue LED breathing effect (Breathing effect lasts 3 seconds)
Tooth	Pairing Mode	Blue LED Blinking
Tooth	Device connected	Blue LED steady ON
Glasses	Line-in mode	White LED is ON
Glasses	MAX and MINIMUM Volume reached	Flash White LED once
Battery Indicator	Low Battery Indicator	20% > Battery level >= 10%,1LED steady on Battery level < 10%,1 Second blinking 1 LED
Battery indicator	Battery Charging / Battery Level request  Note: When product is charging it should show LED with incremental effect.  For instance if the battery level is between 40 and 20 %, the first LED from left to right should be stay steady ON, the second LED from left to right should blink every second (since this LED represent the 40-20% charge).	Batter level >= 80%, all 5 LED steady on 80% > Battery level >= 60%, 4 LED steady on 60% > Battery level >= 40%, 3LED steady on 40% > Battery level >= 20%, 2LED steady on 20% > Battery level >= 10%, 1LED steady on Battery level < 10%, 1 Second blinking 1 LED  (Note: the discharge should go from right to left. For instance if battery level is lower than 80% the first LED on the right will turn off leaving the other 4 LEDs ON)

## Input Mode

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

### Bluetooth mode

What do you need:

- A bluetooth device
- 1 AeroSkull XS +

To enable Bluetooth turn On AeroSkull XS + 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 XS + between the list of the available devices then select AeroSkull XS + to connect to the speaker. If AeroSkull XS + does not appear on the list, please turn your speaker Off and then back On. Once you have successfully connected to the AeroSkull XS +, the Blue LED Light Indicator located on the tooth of the AeroSkull XS + will show a steady blue colour, you will now be able to stream audio.

If your bluetooth device support NFC you will be able to use the feature One Touch Pairing by tapping your NFC device on the top of the AeroSkull XS + (Close to the Power button). The NFC sensor is located on the top of the product above the Power button.

## Line-in mode

What do you need:

- 1 AeroSkull XS +
- 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 XS +<sup>®</sup> and play audio directly from your favourite device. Line-in port is located at the back of the AeroSkull XS +<sup>®</sup> next to the Micro USB port. [\(image: Line-in at the back of the AeroSkull XS +\)](#)

## Wireless Stereo Mode

What do you need:

- 2 AeroSkull XS +
- a bluetooth device

AeroSkull XS +<sup>®</sup> ships with true wireless technology which allows wireless stereo mode. With true wireless you can enable right and left channel wirelessly using two speakers.

### Enable True Wireless

To enable True Wireless take the following steps:

1. Power Ononespeaker first (i.e. plug in the power)
2. Pair the Bluetooth device of your preference to the speaker and wait for the jingle "device connected".
3. Put the speaker into left channel mode by holding down at the same time for about 3 seconds Volume down  and Power button until you hear the jingle "left channel".
4. Power On the other speaker (i.e. plug in the power)
5. Put the speaker into right channel by holding down at the same time for about 3 seconds Volume up  and Power button until you hear the jingle "right channel".
6. Wait a few seconds for the jingle "device connected".

### Disable True Wireless

To disable True Wireless mode take the following steps:

1. Un-pair the Bluetooth Device from the speaker.
2. Press volume up and volume down buttons on both devices for about 3 seconds until you hear the jingle "true wireless off".

[\(image: show image sequence on how to enable true wireless for AeroSkull XS +\)](#)

## Maintenance and Care

Maintenance may include periodically cleaning the AeroSkull XS +<sup>®</sup>.

### 8.1. Cleaning

Turn off the AeroSkull XS +<sup>®</sup> 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 XS +<sup>®</sup> 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 XS +® 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 XS +®, 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 XS +®, visit [support.jarre.com](http://support.jarre.com) for the most updated information.

Problem	Possible Cause of the problem	Possible solutions
Do not hear any sound from the AeroSkull XS +®	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 XS +. 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 XS + to the AC Power Adapter to charge the device.
I cannot pair Bluetooth using NFC	The device you are trying to use may not be NFC	Make sure the device you are using is actually NFC
	The sensors of your device and the AeroSkull XS +® are not close enough to each other.	Check the exact location of the NFC sensor on you device and on the AeroSkull XS +®

For more information visit [support.jarre.com](http://support.jarre.com)

## Safety Instructions



#### Important information related to the safety of the product

The lightning flash icon stands for non-insulated "dangerous voltage" within the product enclosure and may become a risk of electric shock.

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.

## 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.

## Power Supply

Connecting this product with a different source of power can damage the product. Use only the power supply provided with the product.

Use only power supplies listed in the user instructions

## 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. The system is not disconnected from the mains as long as it is connected to the AC outlet, even if the system has been turned off.
10. Only use attachment or accessories specified by the manufacturer.
11. Install the power cord thus to avoid to from being pinched or walked on.
12. The mains plug of the power supply cord shall remain readily operable.
13. 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 &amp; Telecommunication Terminal Equipment Directive (R&amp;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 WLAN 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&amp;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: <a href="http://support.jarre.com">http://support.jarre.com</a></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>

CANADA	<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"> <li>1. This device may not cause interference, and</li> <li>2. This device must accept any interference, including interference that may cause undesired operation of the device.</li> </ol>
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## 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>
	<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 visit [support.jarre.com](https://support.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 XS +® Guarantee

AeroSkull XS +® ships with two years warranty.

## Appendix II – Product Questions & Answers

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

Q. Where is the NFC sensor?

A. The NFC sensor is located in front of the POWER button.

Q. How can I find out the battery level of the AeroSkull XS +®?

A. Press  and  button at same time to find out the battery level.

## Appendix IV - Firmware Upgrade

Make sure you complete the following steps before you upgrade:

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**IMPORTANT**

Make sure the AeroSkull XS + is plugged and charging while doing the upgrade. AeroSkull XS + will not upgrade if not plugged in the electrical outlet.

1. AeroSkull XS + is plugged into the electrical outlet.
2. You have downloaded the latest firmware from our support website [support.jarre.com](http://support.jarre.com)
3. You have a computer running Windows Operating System
4. You have a Micro USB cable:



**Procedure**

Turn On AeroSkull XS + and connect it to your Windows computer using the Micro USB cable. Double click on the firmware upgrade, a Windows Wizard will guide you through the upgrade.

Note: More info will be available on our support website [support.jarre.com](http://support.jarre.com)

**Appendix V – Trademarks**

	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.
	aptX® software is copyright CSR plc or its group companies. All rights reserved. The aptX® mark and the aptX logo are trademarks of CSR plc or one of its group companies and may be registered in one or more jurisdictions

**Appendix VI - Manufacturing and Support**

Manufacturer	Music Life LTD
Country of origin	People Republic of China
Manufacturer Website	<a href="http://www.musiclifeltd.com">www.musiclifeltd.com</a>
Brand Name	Jarre Technologies®
Brand Website	<a href="http://www.jarre.com">www.jarre.com</a>
After sale support website	<a href="http://support.jarre.com">support.jarre.com</a>
For any assistance concat us at	<a href="mailto:support@jarre.com">support@jarre.com</a>