Design by emotion

AeroSkull HD®

USER GUIDE

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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 HD. Uniquely designed to arouse fascination and curiosity, the AeroSkull HD is a monument to design, power and precision.

Optimal sound quality goes hand in hand with design at Jarre Technologies. The AeroSkull HD features two 20 Watt speakers hidden behind sunglasses with an impressive 40 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 HD is compatible with iPhone® 5 and last generation iPod® (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 and the listening experience is optimised by the APTX codecs. NFC devices can easily pair the Bluetooth of their phones via the One Touch Pairing feature.

musicLIFE LTD

Preface By Jean-Michel Jarre

Today we listen to more music than at any time in our history.

We're listening everywhere and anywhere, while paying less attention to how we do so. Whether experiencing audio through the miniature plastic speakers of a laptop, the cheap earphones connected to our mobile phones, or the small sound-systems in public areas, we have gradually abandoned our demand for quality, and in the process, I believe, our emotional relationship with sound.

For many years I dreamt of a sound system that would evoke one of the iconic designs associated with our musical heritage, such as the elegant phonograph or the glossy jukebox, while complementing virtually any interior. At the heart of this design would be a sound system powerful enough to do justice to every kind of music (including mine!) at any volume, combining a strong, clear bass with superb definition in the higher frequencies.

The sound system of my dreams is now a reality.

The world-class yet affordable AeroSkull HD® will gratify lovers of both music and design, while rendering every kind of music in a multitude of platforms and formats, including iTunes .mp3s and superior-quality .wav files. Here at last is the performance I've longed for in the form I've desired.

I hope the AeroSkull HD® gives you as much listening pleasure in your home as it gives me in mine.

Bonne écoute!

Jean-Michel Jarre

AeroSkull HD

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In the box

① One AeroSkull HD

② One remote control

③ Two AAA batteries for the remote control

④ One Lightning Connector Cover

⑤ One Transparent Support for iPhone® / iPod®

⑥ One DC Power supply with two AC cables

⑦ One Quick User guide

①

②

③

④

⑥

⑤

⑦
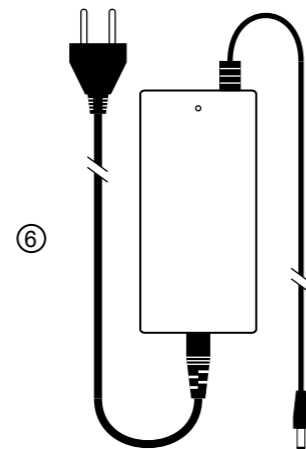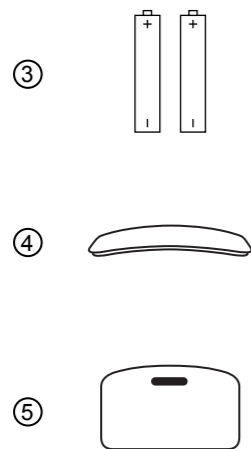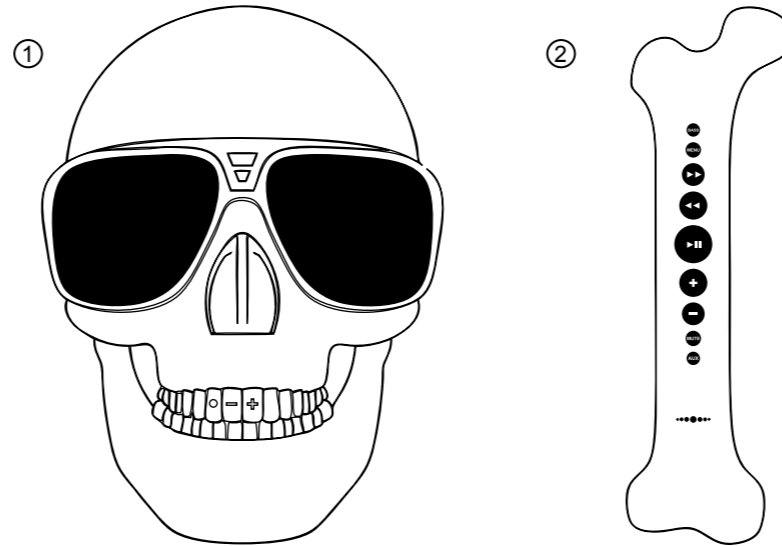
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Note: iPhone® and iPod® are not included in the packaging.

AeroSkull HD

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TECHNOLOGIES
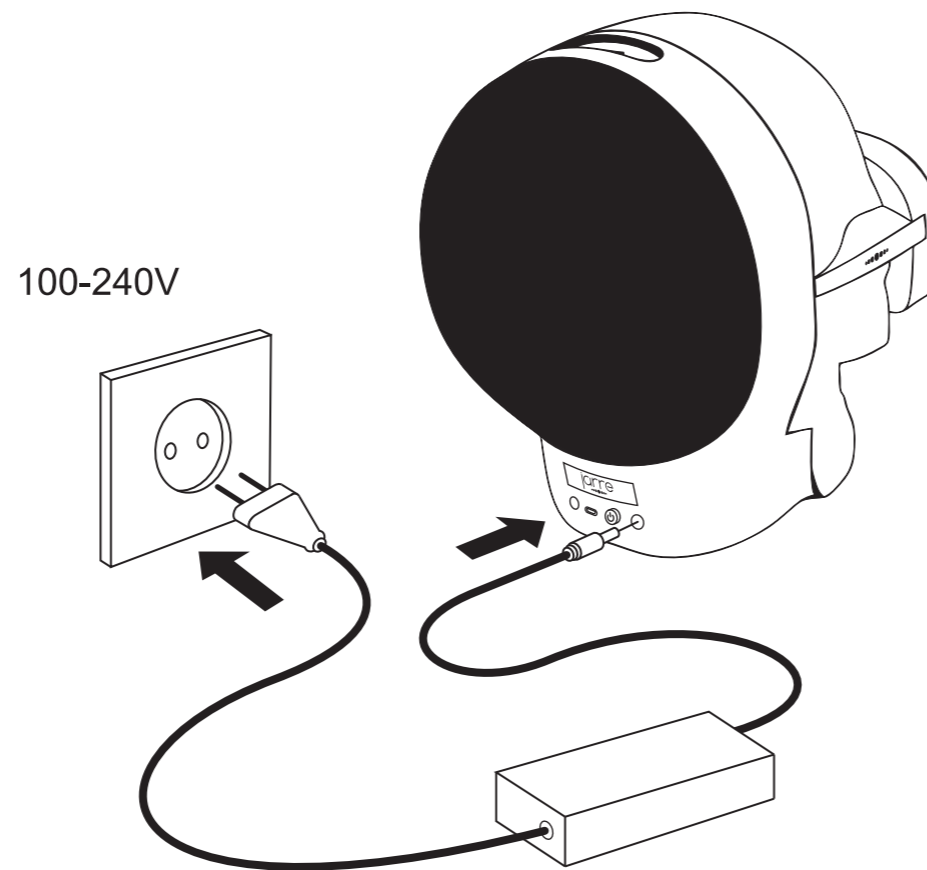
Product Description of the AeroSkull HD®

TECHNICAL SPECIFICATION:

- Total output power 80 W RMS at 1% THD+N

- 2.1 System with built-in subwoofer

- Bass Reflex Cabinet

- Bluetooth®, A2DP, aptX® for high quality wireless audio

- NFC

- Line-in 3.5mm

- Lightning Connector

- IR remote with backlight

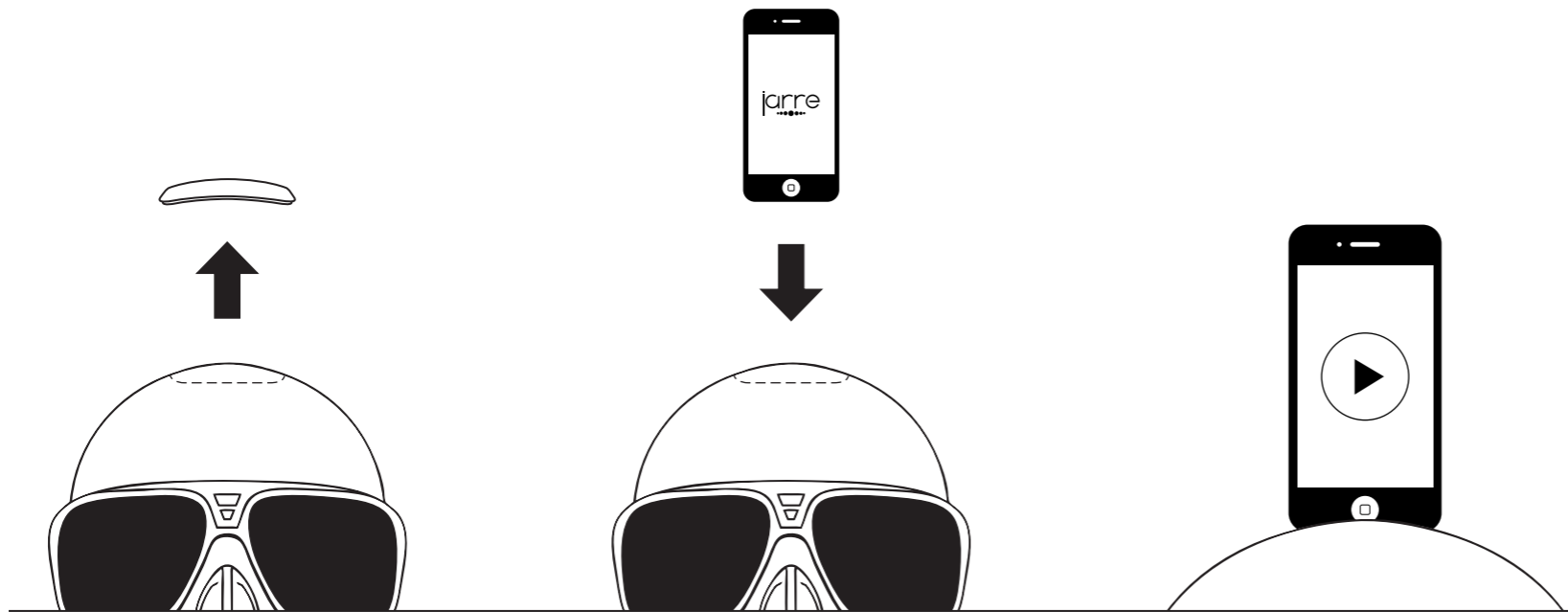- Meets all Apple requirements for Made for iPod® and iPhone® docking speaker.

AeroSkull HD® Quick Start

To start, plug the AeroSkull HD® into the power socket and press the power button located at the back of the speaker

100-240V

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Using the Dock

(only for Apple products, see Compatible Devices)

Remove the Lightning Connector Cover 2 positioned on the top of the AeroSkull HD®

Place the Transparent support 1 for iPhone® / iPod®.

Dock your iPhone® or iPod® on top of the AeroSkull HD® to start playing music. You can control the volume using the volume bar on the docked device.

Please see Appendix 1 for a detailed compatibility list.

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Using Bluetooth

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

1. Connect to iPhone® or iPod®

To enable this feature, perform the following steps:

- 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 tap the list item AeroSkull HD to connect

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 HD in the list of Available Devices.
- Tap on the list item AeroSkull HD to pair and connect.

2. 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 HD and press Continue, wait for the confirmation message
- Go back to the Bluetooth dropdown on the navigation bar.
- Roll over the AeroSkull HD 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.

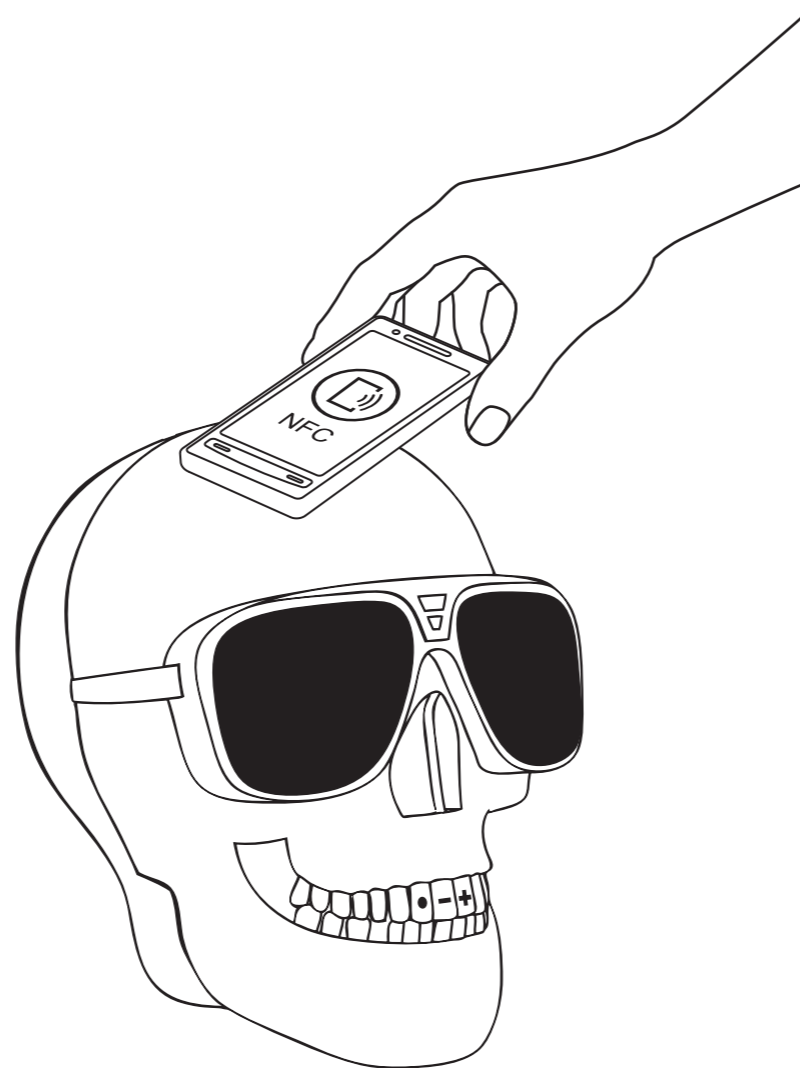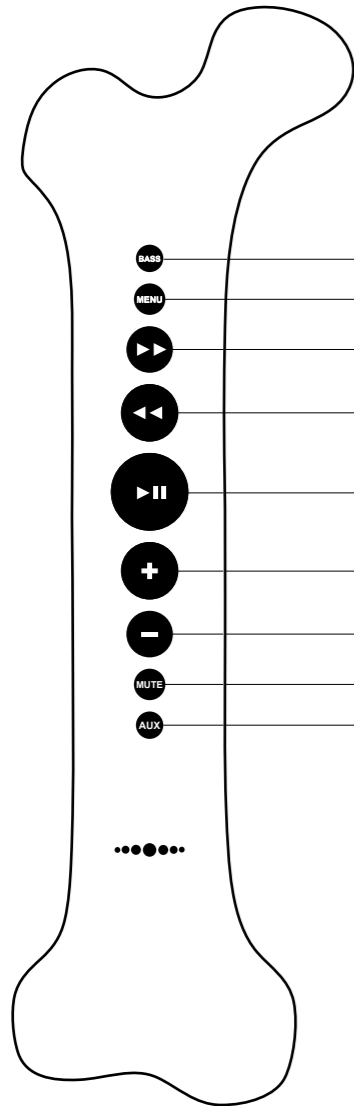Once connected the Bluetooth the Blue Led light will turn on.

Connect Using NFC

If your device supports NFC just tap your device on the top part of the AeroSkull HD®
until you hear the pairing sound or you will receive a message on screen on your
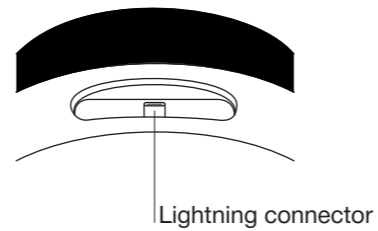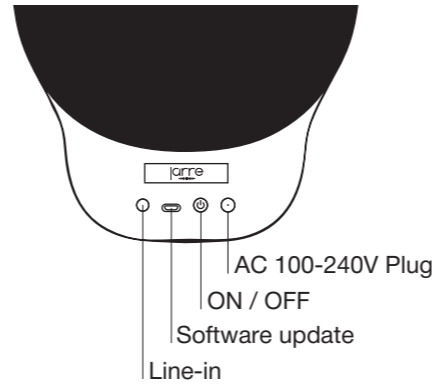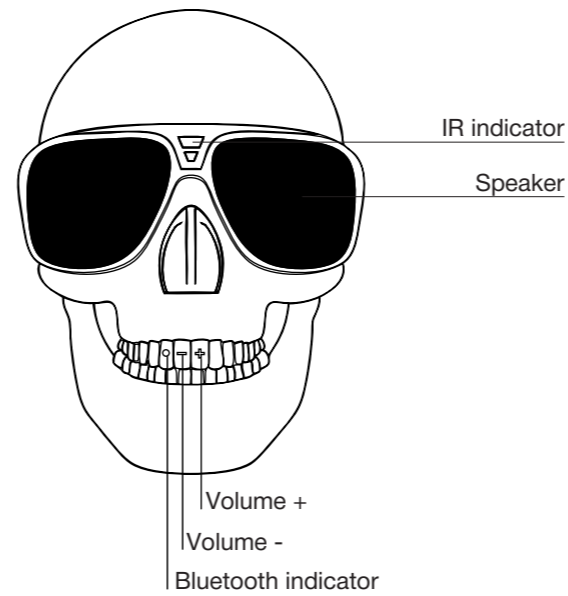device that the AeroSkull HD® was successfully paired.

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AeroSkull HD® Remote Control

Subwoofer Boost button

Menu button

Go to next song

Go to previouse song

Play/Pause button. Hold for more than one second to toggle to stop mode

Volume Up button

Volume Down button

Mute button, no volume (0dB)

Switch to Line-in, USB, iPod® or iPhone®, Bluetooth

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Operating the AeroSkull HD®

IR indicator

Speaker

Volume +

Volume -

Bluetooth indicator

AC 100-240V Plug

ON / OFF

Software update

Line-in

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Lightning connector

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Volume control

The two frontal teeth of the AeroSkull HD® can be used to control the volume. The Volume can be increased or decreased by simply pressing either + for volume up or - for volume down.

Volume +

Volume -

Bluetooth indicator

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Led Light Indicator

AeroSkull HD® has two Led light indicators:

1. White LED light indicator

This LED light is located on the front middle top of the AeroSkull HD® Sun Glasses.
This light is steady white when either Line-in mode or Lightning connector mode are operating.

2. Blue LED light indicator

It is located on the right tooth:
• Steady blue when on Bluetooth mode
• LED light indicator is OFF when iPod® - iPhone® Device is docked or when line-in mode is active.
• The Blue LED light blinks whenever using the IR (Infra Red) remote control of the AeroSkull HD®.

Input Mode

AeroSkull HD® supports three kinds of input mode:

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iPod® - iPhone® Docked mode

This mode is active when an iPhone® or iPod® is docked on the light-ning connector located on top of the AeroSkull HD®

Bluetooth mode

To enable Bluetooth turn On Bluetooth on your device and go to the list of available devices. Look for AeroSkull HD between the list of the available devices then select AeroSkull HD to connect to the speaker. If AeroSkull HD does not appear on the list, please turn your speaker Off and then back On. Once you have successfully connected to the AeroSkull HD, the Blue LED Light Indicator located on the tooth of the AeroSkull HD will show a steady blue color, 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 HD (Close to the lightning connector). The NFC sensor is located in front of the lightning connector right by the NFC sticker. NFC sticker it is environmental friendly and easily removable.

NFC

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Line-in mode

To enable line-in mode you can connect a 3.5mm jack to the AeroSkull HD® and play audio directly from your favorite device. Line-in port is located at the back of the AeroSkull HD® next to the Micro USB port.

You can use the remote control to switch between the three different modes by pressing the AUX button.

Note: AeroSkull HD® will play music from the last device plugged into the system.

Micro USB port

Line-in port

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Operating the Remote Control

1. Navigate through the iPhone® and iPod®
Pressing <MENU> will take you to your iPhone® or iPod's menu. As soon as you press <MENU>, the remote will enter Navigation mode. To exit quickly, press the <AUX> button. In Navigation mode, the <+ > and < - > buttons are used to navigate up and down in the menu and the <Play/Pause > button is used as the <Enter> button.

Under Navigation mode the Mute button will not respond. Press <AUX> button to leave Navigation mode

2. Navigate to the Line in Mode
If Line-in is connected. Use the <AUX> button to switch to Line-in mode.

3. Navigate to Bluetooth Mode
If Bluetooth is connected. Use the <AUX> button to switch to Bluetooth Mode.

4. Mute the speaker
To completely exclude the audio from the AeroSkull HD® press the Mute button on the remote control. Note that the audio file on your device will keep playing when the Aero-Skull HD is on Mute.

5. Bass Boost
This feature will activate the bass boost. You will experience an increased level of Bass in the sound.

6. Navigate through the docked device
You can use the MENU button on the remote control to activate the navigation mode on the docked device. When activating the navigation mode on your device the remote will be acting as a joystick. + will be UP and – will be Down then MENU button will be BACK and < Play/Pause> button will be NEXT/SELECT.

Even if you have selected and started playing a new song the AeroSkull HD® will leave navigation mode only after you press the <AUX> button.

Navigation Mode is not supported by iPod® Nano 7th generation

Bass
Menu
Forward
Backward
Play/Pause
Volume +
Volume -
Mute
Aux

Maintenance and Care

Maintenance may include periodically cleaning the AeroSkull HD® and replacing the remote control battery.

1. Cleaning
Turn off the AeroSkull HD® 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 HD® OPENING

2. Replacing the remote control batteries
When the remote control stops operating or its range seems diminished, it is time to change the batteries.
• Open the battery cover placed at the back of the remote control
• Replace the batteries with the same model number (AAA)
• Close the battery cover.

3. Battery precautions
• The battery must be replaced by an adult.
• The battery must not be short circuit.
• The used battery must be replaced.

CAUTION:

There is a danger of explosion if battery is incorrectly replaced. The new battery must be the same model as the old one. Do not put the battery into fire as it may explode or leak. Dispose the battery properly.

Place the AeroSkull HD® 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 HD®, we strongly recommend a compression rate of 256kb or higher for all mp3 or wma files.
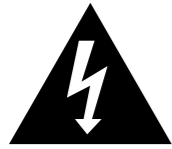
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First Help before assistance

Troubleshooting for your product

If you have any questions regarding the compatibility of your iPod®/iPhone® product with the AeroSkull HD®, 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 HD®	No Power Supply	Make sure that the electric plug is connected to AC Socket and the ON/OFF switch was pressed once.
	The volume level is too low	Check that the mute function is Off. Increase volume.
	Your iPod® or iPhone® product does not have songs in memory or it does not work	Check other input USB or Line-in; if OK, check with another Apple product
	The Apple product is in < stop > mode or < pause > mode	Check on the Apple product screen that the song track is playing
	The Mode you are trying to use is not the correct one	Make sure the Apple device is connected correctly. In case you are using Bluetooth make sure you are connected to AeroSkull HD. Use the <AUX> Button on the remote control to switch to the correct mode.
The product does not switch on	The plug is not fully inserted in the socket	Check that the plug is correctly inserted into the socket
		Try to plug and unplug your AeroSkull HD ®
The remote control is not working	The battery is out of power	Replace the battery
	Sensor not in accessible range by the remote	Check that no obstacle is between the remote and the infrared sensor
	The battery has been installed in the wrong position	Open the remote battery cover and check that the (+) side is on the top
The iPod® is not responding or not charging	The iPod® is not fully inserted on the connector	Unplug the iPod® and plug it in again
	The adapter does not match the Apple product model	Check the instruction manual and make sure that the adapter matches the Apple
I cannot pair Bluetooth using NFC	The device you are trying to use may be not NFC	Make sure the device you are using is actually NFC
	The sensors of your device and the AeroSkull HD® are not close enough to each other.	Check the exact location of the NFC sensor on you device and on the AeroSkull HD®

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Safety information

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Important information related to the safety of the product

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.

Power Supply
This product is designed to work with a power supply of 24V 2500 mA.
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
Power supply manufactured by Shenzhen Fujia Appliance Co.,Ltd
Power supply serial number: FJ-SW2402500D

Important Notices
1. Read, follow and keep the instruction manual for reference.
2. Do not use this product near water.
3. Clean the product only with a soft and dry fabric. Never use liquid cleaning products as it will damage the speaker.
4. 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.
5. If you are not able to insert properly the plug into the socket located on the wall, you have to contact an electrician.
6. Ensure that the power cord is out of the way and will not be stepped on.
7. Before you power on the product, make sure that the power cord is properly installed.
8. Use only spare parts and accessories specified by the product manufacturer.
9. Unplug the product during storms or when the product won't be used for a long period of time.
10. Contact a qualified worker for maintenance on the product. Maintenance will be needed if the product has any damage.
11. 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.
12. When you have to relocate the product, make sure you turn off the speaker and then unplug the power cable.
13. Handle the product carefully when you are moving it in order to prevent injuries if the product flip.
14. Use the control switch and buttons as per stated in the instruction manual.

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Environment information

Important information related to environment

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.

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.

This product is designed for indoor use only.

Author copyright
The music data transferred/recorded cannot be used without the approval of the owner of the right except for personal use.
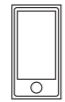
Appendix I – Compatible Docking Devices

iPhone®

iPhone 5
16GB, 32GB, 64GB

iPhone 5S
16GB, 32GB, 64GB

iPod nano®

iPod Nano 7
16GB

iPod touch®

iPod touch 5th
32GB, 64GB

Appendix II – AeroSkull HD® Guarantee

AeroSkull HD® ships with two years warranty.

Appendix III – Product Questions & Answers

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

Q. Will the product be able to do stream wav and flac files?

A.   Yes. If your device supports aptX®.

Q. The remote control is not longer working. What can I do?

A. Before contacting support please make sure you have completed the following steps:

1. Replace batteries in the remote control.
2. The AeroSkull HD is ON when trying to operate the remote.
3. Make sure you are not in Navigation mode. Press the AUX button to force exit from navigation mode.
If you have tried all of the above and the remote is still not responding please contact your reseller or support at support.jarre.com

Q. Where is the NFC sensor?

A. The NFC sensor is located in front of the lightning connector. The NFC sticker should indicate the exact location of the sensor.

Q. I have docked the iPhone® on AeroSkull HD but the system is not charging and not playing, why?

A. Make sure you are using the transparent docking support.

Appendix IV - Firmware Upgrade

Important

Note that the file name must be named askull.hex. The system will not recognise the file if it is named differently. If the file you have is named in a different way, rename it to askull.hex

UPDATE PROCEDURE

For the steps of performing USB firmware update for MCU.

- Plug the power supply into the unit.
- Press the power button and hold it down for 5 seconds.
- Release the button as soon as the white LED located between the glasses will flash slowly (~1Hz)
- Connect the Thumb drive (USB Stick) containing the ".hex" file to the Micro USB - USB OTG cable.
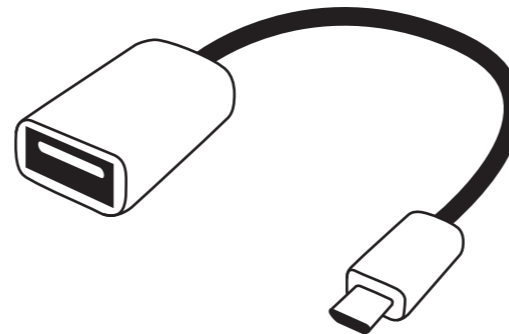
- Connect the OTG Cable to the Micro USB port of the AeroSkull HD
- The Blue and White LED will flash alternatively until the software upgrade it completed.
- Wait until the unit is up again and the LEDs stop flashing, the new firmware should be installed at this point.
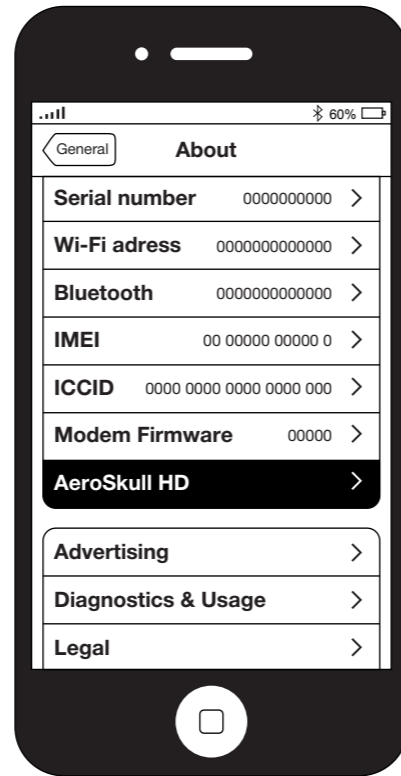
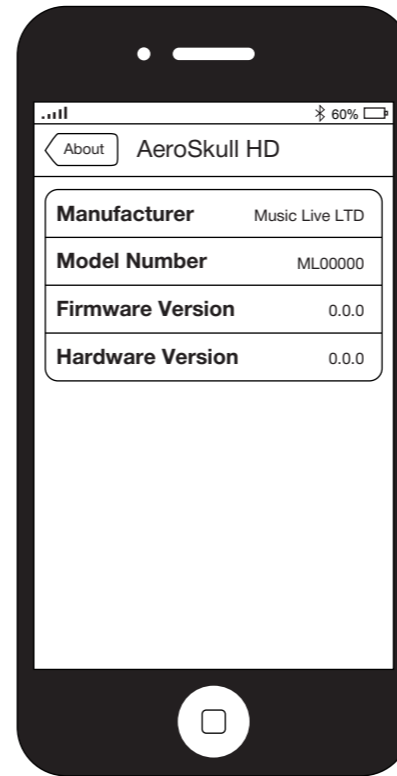AeroSkull HD

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How to verify Software version

Dock your iPhone / iPod on the AeroSkull HD
Tap the settings icon
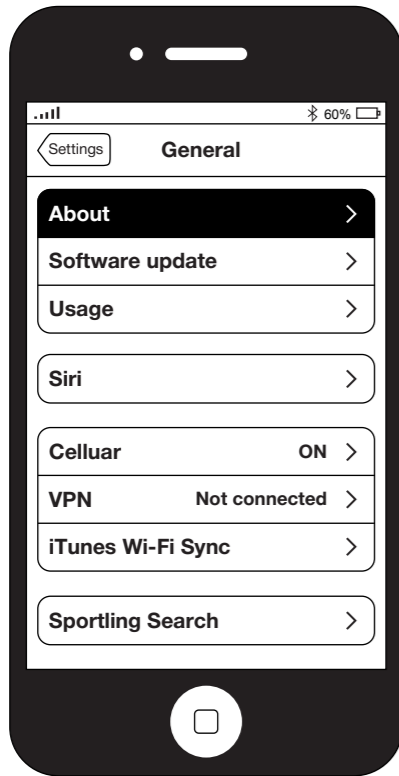
Tap on General
Under General Tap About
Scroll down until AeroSkull HD

Tap on AeroSkull HD

Known issues

Issue	Possible solutions
The white LED keeps flashing after I have plugged the OTG cable to the Micro USB port	Make sure the file is named correctly askull.hex There should be no other file in the memory stick apart then askull.hex Make sure your memory stick has been formatted as FAT32

FAQ

Where can I find the latest Firmware update file?
You can find the latest firmware on our support website. support.jarre.com

Where can I get an OTG cable?
You can find it:
• at specialized electronics shop
• on internet, just look for OTG cable

Where can I get more info on how to update my Speaker?
Please visit our support website support.jarre.com or contact us at ashd.support@jarre.com

Media contents

Not for customer support contents

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Appendix V – Trademarks

Bluetooth

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.

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