# HeadPhone *Divine*
# Owners Manual

# IMPORTANT SAFETY INSTRUCTIONS

1. Heed all warnings
2. Keep and follow all instructions.
3. The operating temperature range: from 0 degree Celsius to 45 degree Celsius.
4. DO NOT use this apparatus near water
5. Clean only with dry cloth
6. DO NOT disassemble or replace the battery. If you suspect there is something wrong with the battery, please carry the unit to the service center for help.
7. CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS
8. The battery should not be disposed together with other waste. The battery has to be disposed at an authorized place for recycling of electrical and electronic appliances. By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmentally friendly and healthy way.
9. Unplug this apparatus during lightning storms or when unused for long periods of time
10. DO NOT install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat
11. Only use accessories specified by the manufacturer
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
13. If at any time in the future you should need to dispose of this product please note that: Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. (Waste Electrical and Electronic Equipment Directive)

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# INTRODUCTION

The HeadPhone Divine offers great possibilities, so in order to utilize your new headphones in the best way; you should carefully read through this manual before using the headphone for the first time.

If you have no previous experience of this kind of headphone, or if you have any questions, feel free to contact our free of charge support and we will help you. (See further under the heading of **Support** on the last page of this manual).

# ABOUT HEADPHONE DIVINE

The HeadPhone Divine is a bluetooth headphone with a built in microphone and player controls, as well as NFC for easier pairing and a passive connection for traditional headphone use. Headphone Divine. To improve the sound of the headphones we supply the XTZ Player app which uses DSP technology from DIRAC.

# ABOUT XTZ

**PHILOSOPHY**

Our reference and starting point is to recreate a natural sound, but also in respect to the fact that acoustics and sound always is a matter of taste.

**XTZ GOALS**

**To provide the optimal relation between price, performance and quality on the market.**

Our concept:

- To produce the perfect compromise.

- Cost-effective manufacturing at a large scale.

- The quality of our products is more important than the marketing.

- Reduce the number of middlemen.

**CONTACT US**

Website: www.xtz.se
E-mail: info@xtz.se

# TECHNICAL PRESENTATION

**HEADPHONE DESIGN**   This headphone is a supra-aural, or on-ear wireless headphone that is made for portable use. The main parts are made in durable plastic, both for its light weight and its acoustical properties. The hinges are made in steel to increase durability, and soft and supple leatherette is used on the cushions and headband for comfort and style.
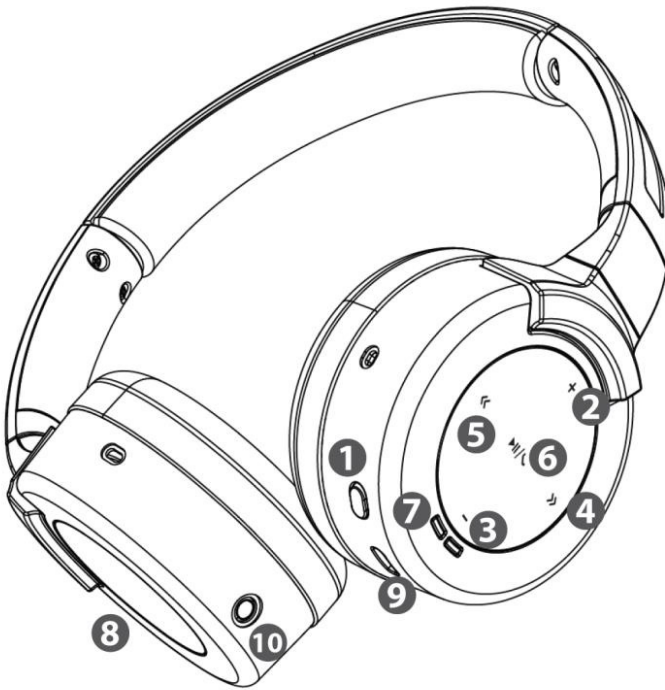
**DRIVER**   HeadPhone Divine uses a 40 mm lightweight driver powered by a neodymium magnet for the entire frequency spectrum.

**BLUETOOTH 4.0**   With the latest Bluetooth 4.0 and aptX technology transfer of high definition audio over a distance of up to 10 m is made possible. This technology is compatible with Windows devices, Apple OSX and iOS devices, and with Android devices, provided that they support Bluetooth 4.0.

## CONTROLS AND INPUTS

1.　　　　Multifunctional button
2. [ + ]　Volume up button
3. [ - ]　Volume down button
4. [ » ]　Fast-Forward button
5. [ » ]　Fast-Backward button

6. [▸‖/↴] Play, Pause, Answer button
7.　　　　Indicator Light
8.　　　　NFC
9.　　　　Micro-USB Port
10.　　　3.5 mm AUX port

# USING HEADPHONE DIVINE

Before using the headset, you must fully charge the battery and connect the headset to your respective Bluetooth device.

**CHARGING THE BATTERY**

The headset contains a battery capable of up to 14 hours of usage. To charge the battery, the headset has to be connected with the included USB cable. The cable has two different sized ends.

First, take the Micro-USB end and plug into the USB entry port in the right side of the headset. The other end of the cable is fitted with a standard USB plug. Plug the end in the USB port of the computer, wall charger, or other compatible devices with an USB port.

The indication light is on the right side of the headset. When the battery is charging, a constant green light will be on. Once the battery is fully charged, the green indicating light will be turned off.

**TURNING ON YOUR HEADPHONE**

To turn the headset on, locate the multifunctional button on the right side of the headset. The button is located next to the Micro-USB port on the headset. Press the button and hold for 3 seconds and the indicating light will show a blue flash followed by two red flashes. The headset is now turned on (but not yet paired).

**PAIRING THE HEADPHONE WITH YOUR DEVICE**

To pair the headset with your music player, ensure that the respective device is turned on and the Bluetooth function is active. When setting the headset for pairing mode, make sure the headset is off, and then press the multifunctional button and hold for 5 seconds. The indicating light will show the below process.

1. First the light will show a blue flash once.

2. Then for a few seconds it will flash red.

3. After red it will blink blue flashes and the headset is now in pairing mode.

On your respective device you should search for the signal and use the device's functions to connect. On the list of found devices you select "HeadPhone Divine" to establish the connection.
Some devices require a passcode to connect with a newly established Bluetooth apparatus. Enter passcode: 0000 if necessary.
When the connection is established, the headset's light indicator will flash a blue light two times every 5 second to verify the connection.

**PAIRING WITH NFC BLUETOOTH**

The headset has the NFC (Near Field Communication) Bluetooth technology incorporated and can be used if your respective music device is compatible. To pair with NFC, please follow the steps:

1. Enable the NFC function on your music device.
2. Gently let the headset and your music device meet, by holding them close together. The NFC is located on the center of the left earcup.
3. Your music device should now recognize the signal from the headset.
   If the music device and the headset are pairing for the first time, you will need to accept the pairing on the music device
4. When the signal has been accepted on your music device, the headset will be paired and ready for use.

Your connection should now be established and the headset can be used to listen to music, accept phone calls and much more.

| | |
|---|---|
| **LISTENING TO MUSIC -VOLUME CONTROL** | To adjust the volume of the headset use the volume button located on the right earcup. The button has a plus [+] and minus [-] symbol. The [+] volume button is related to the plus symbol and will turn up the volume if pressed. The [-] volume button is related to the minus symbol and will turn down the volume of the headset. |
| **LISTENING TO MUSIC -PLAY AND PAUSE MUSIC** | When the headset is connected to your music player, you can easily and quickly start listening to music by pushing the [▶II/☎] play & phone button one time, located on the right earcup.<br>When you want to resume the paused song, you push the [▶II/☎] play & phone button once again and the song will begin. |
| **NEXT AND PREVIOUS TRACK** | The "»" and "«" key that is also located on the right earcup can also easily be used to navigate between the various songs on your music player.<br>• If you wish to skip to the next track, push the "»" key once.<br>• If you wish to go back to the previous song, push the "«" key two times, press the "«" key once to go back to the beginning of the current song. |
| **RECEIVE CALLS** | If the headset is connected to your mobile phone you can use it to answer phone calls. You can use the [▶II/☎] key to navigate your incoming calls.<br>• Making a call - in order to make a call when your headset is connected to your mobile phone, you will have to dial your mobile phone in the normal way or by using voice dialing (if enabled by your respective phone).<br>• Answering a call - to answer an incoming call press the [▶II/☎] key one time.<br>• To end a call - when finishing the call press the [▶II/☎] key once more.<br>• Rejecting a call - if you wish to reject an incoming call you have to press the " " key and hold for 2 seconds. |
| **DISCONNECT THE HEADSET** | If you wish to disconnect the established connection between the headset and your respective device, simply enter the Bluetooth function on your music player and shut down the connection or switch off the headset. |
| **SWITCH OFF THE HEADSET** | If you wish to turn off the headset, Press the multifunctional button and hold for 3 seconds until the indicator will show a constant red light. Let go of the button and the device is now turned off. |
| **CLEAR SETTINGS OR RESET THE HEADSET** | To clear the pairing settings from the headset, you should firstly turn off the headset. Then press and hold the multifunctional button simultaneously with the [-] volume button. The two buttons has to be pressed and hold for 8 seconds. The indicating light will switch between a red and blue flash 3 times and the headset has now been clear the pairing settings.<br>To hardware reset the headset, plug and unplug the 3.5 mm AUX cable. |
| **LISTENING TO MUSIC – USE OF AUX CABLE** | The headset has an AUX entry build-in on the left side of the headset. The headset does not need to be turned on for the AUX port to work. Simply plug the cable in the headset and into your device.<br>Note: When the AUX cable is inserted, the Bluetooth function and the build-in microphone will be disabled. |

## TECHNICAL SPECIFICATIONS

| | | |
|---|---|---|
| **CONSTRUCTION TYPE** | Battery powered Bluetooth headphone with built in microphone, NFC pairing, play controls, USB charging and a 3.5 mm port for conventional headphone use. | |
| **DIMENSIONS** | 172 x 150 mm (W x H), Cup diameter 65 mm | *(without cushions)* |
| **WEIGHT** | 170 g | |
| **BLUETOOTH INTERFACES** | HSP, HFP, A2DP, AVRCP | |
| **OUTPUT LEVEL** | 97 dB at 1 kHz, max 104 dB | |
| **FREQUENCY RESPONSE** | 15 - 32 000 Hz | |
| **DRIVERS** | 40 mm broadband driver with Neodymium magnet | |
| **BATTERY LIFE** | Up to 14 h of continuous play | |
| **BLUETOOTH CONNECTION RANGE** | Up to 10 m | |

# SERVICE & SUPPORT

**"DO IT YOURSELF" – SERVICE**

We apply "do-it-yourself" service on all XTZ products. If you by yourself are able to find out what part of the headphone is defective, you are fully allowed to unmount that part and send it back to us for exchange.

IMPORTANT!
Always contact your dealer or us before taking the headphone apart. It can also help you finding the fault.
You can of course always choose to return the whole headphone; therefore you should save the original package.

*To aid service, XTZ products are constructed and produced using common technology, so that basically most people are able to "unscrew" the headphone using common tools..*

**IF SOMETHING IS BROKEN**

If you cause additional defects by yourself when unmount the defective part, the warranty still applies if it is obvious that the part had a manufacturing defect. In other cases however, the warranty does not apply if you cause other defects on the headphone

**WHERE TO SEND THE PRODUCT FOR A WARRANTY REPAIR**

For service we refer to your retailer.

For questions regarding service, contact us by email: **support@xtz.se**

Website: **www.xtz.se**

*ALWAYS pack the product / part very carefully. Unfortunately damages during transportation are very common. If the package is weak, the transporting company does not compensate damages. Always enclose a copy of the receipt and a description of the defect.*

**SUPPORT**

Please contact our free of charge support if you need installation advice, or if any problem occurs during the installation.

Contact us by e-mail **support@xtz.se** and include your phone number if you wish verbal help, and we will call you back.

## EMC/RF REQUIREMENTS

Europe—EU Declaration of Conformity:
The equipment complies according to the Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC. This equipment meets the following conformance standards:
- Safety : EN 60065:2002/A12:2011
- Health: EN 62479: 2010
- EMC : EN 301 489-1 V1.9.2
- EN 301 489-17 V2.2.1
- EN 55013: 2013
- EN 55020:2007/A11:2011
- Radio: EN 300 328 V1.8.1

CE

## FCC REQUIREMENTS

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 or more 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.

**CAUTION**: To comply with the limits of the Class B digital device, pursuant to Part 15 of the FCC Rules, this device is comply with Class B limits. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shielded cables may results in interference to radio or reception.
**MODIFICATION**: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

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.

## MANUFACTURER'S NAME AND ADDRESS

XTZ Sound in Balance AB
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