USER MANUAL

Bluetooth

SONORIX

Bluetooth Audio Adapter

OBA-0110

Contents

Introduction....3
What's included in the Package....3
Description of Parts....3
Charging the Audio Adapter....4
Switching the Audio Adapter ON/OFF....4
Pairing Audio Adapter with SONORIX Headset....4
Using Audio Adapter with Headset to Listen to Music....5
Hints for Optimum Audio Transmission....6
Useful Tips on Audio Adapter Application....6
LED Indicator....7
Specifications....7

Introduction

Thank you for purchasing our SONORIX Bluetooth Audio Adapter.
The Bluetooth Audio Adapter is a device that provides Bluetooth connectivity for stereo audio streaming when plugged into 3.5mm stereo jack(headphone) of any audio devices or USB port of laptops or desktops without Bluetooth functionalities.
We hope you enjoy the unique wireless features provided by SONORIX.

What's included in the Package

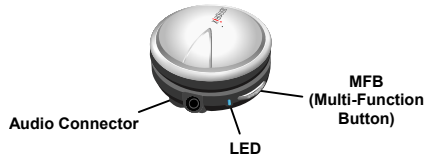
Bluetooth Audio Adapter

Stereo Cable

USB Cable

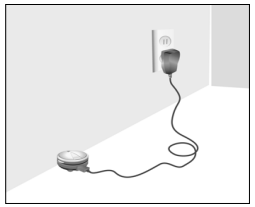
Manual

Description of Parts



Charging the Audio Adapter

* Battery at the time of purchase must be charged for at least 2 hours before use.



'ith battery mounted onto udio Adapter, plug one end of C/DC adapter into AC power upply and the other into USB ort of Audio Adapter.

Battery can also be charged by connecting Audio Adapter to USB port of PC using the USB cable.

Switching the Audio Adapter ON/OFF

- To power on Audio Adapter, click and hold **MFB** for 3-4 seconds until LED flashes blue rapidly and then release button.
- To power off Audio Adapter, click and hold **MFB** for 3-4 seconds until LED flashes red rapidly and then release button.

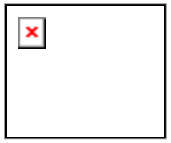
Pairing Audio Adapter with SONORIX Headset

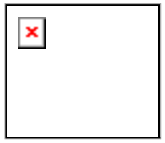
- With Headset in pairing mode, mount battery onto Audio Adapter. Click and hold **MFB** for 3-4 seconds until LED flashes blue rapidly and continue holding the button for 4 more seconds and when LED flashes slow constantly release button.
- After a few seconds, Headset and Audio Adapter will be paired and connected.
- When paired and connected, LEDs of both Headset and Audio Adapter will be in OFF state.

Note : Interoperability of Audio Adapter is guaranteed only when used with SONORIX Bluetooth Stereo Headset OBH-0110

Using Audio Adapter with Headset to Listen to Music

- Power on Headset and Audio Adapter to establish Bluetooth connection. Plug one end of Stereo or USB cable into Audio Adapter and the other end into Stereo or USB input of audio device.
- From now on, music will play from Headset in stereo mode.
- While playing music, user can control volume and also pause, stop and replay music by manipulating buttons on Headset. However, it is important to note that during execution of pause, stop and replay functions, even though music will not be heard from Headset, music will continuously be playing from the audio device itself. This is due to the fact audio signal processing from Audio Adapter is analog in nature.





- To use Audio Adapter to stream audio from PC, plug one end of the mini USB into Audio Adapter and the other end into USB port of PC.
- The Audio Adapter will then take over the default soundcard as 'USB Audio Device'. If music does not play from Headset, go to Control Panel → Sound and Audio Setting and check if 'USB Audio Device' is present under Audio Tab. If USB is plugged out, 'USB Audio Device' will disappear from Audio Tab.
- From now on, music will play from Headset in stereo mode.

Note : With battery mounted, if Audio Adapter is connected to PC via USB Cable, it will automatically enter into charging mode. Since power is supplied from PC, Audio Dongle can be used for streaming audio without having to mount battery.

Hints for Optimum Audio Transmission

The performance of wireless audio streaming depends on the environment where it is used. Walls, partitions, doors, furniture etc can block the path of transmitted radio signals thereby resulting in shorter range and even sound distortions. Likewise, the human body also affects the performance especially when the Audio Adapter connected to audio device is held close to the body.

It is therefore a good practice to use headset and audio Adapter on the right side of the body as the right side of the Headset communicates with the Audio Adapter.

Also, do not cover the right side of Headset or Audio Adapter with your hands as it may hinder the proper transmission of signals.

Useful Tips on Audio Adapter Application

1) Audio Adapter can be connected to USB port or Audio Jack of audio devices and can be switched from one mode to another by pressing ON/OFF button once.
2) Audio Adapter remembers the last settings of the mode used, that is, whether USB or audio connection was made. If the last setting was that of USB, then the next time it is connected to Headset, USB mode will be activated. Likewise, if the last setting was that of Audio Jack, then Audio Jack mode will be activated.
3) If Audio Adapter and Headset goes out of transmission range, Audio Adapter will attempt to reestablish the Bluetooth connection within 60 seconds from the time the service was disconnected.
Audio Adapter can be used without battery if it is connected to devices with power supply capabilities, for instance PCs.
4) When Audio Adapter is connected to TV, to reestablish connection with Headset, simply press ON/OFF button of Audio Adapter after switching on the Headset.
5) When Audio Adapter and Headset have been disconnected normally (change Headset battery, powering off Headset), to reestablish the connection, simply press ON/OFF button on Audio Adapter.

LED Indicator

Audio Adapter	LED Indicator
Bluetooth Link Established	Continuous OFF
Pairing Mode	Flashes Blue rapidly and then switches to slow Blue flash after 4 secs
Power On	Flashes Blue rapidly and then switches to slow Blue flash
Power OFF	Flashes Red rapidly & then OFF
Low Battery Level	Flashes RED every second
Charging State	LED Red
Charging Complete	LED Red Off
Connected to USB For Audio Streaming	Constant Blue
Connected To Audio Jack For Audio Streaming	Lights Blue every 2 seconds
Charging While Connected To USB	Constant Red
Charging While Connected To Audio	Blue & Red flashes alternately every 2 secs

Specifications

Standards	Bluetooth Specification V1.2
RF Frequency Range	2402 ~ 2480 MHz
Profiles Supported	A2DP
Transmission Power	0.25 ~ 2.5mW (Class 2)
Receiver Sensitivity	< -80dBm (PER 1 %)
Distance	10m (in open space)
Battery Life	Standby > 200 hrs Audio Connection >12 hrs
Charging Time	< 3 hrs
Adapter AC Input	AC 90 ~ 250V
Weight	35g (including battery)
Operating Temp & Rel. Humidity	-10 ~ +50°C, 0 ~ 95%

Product Warranty

- Openbrain Technologies warrants this product against all defects in material and workmanship for a period of one year from the date of purchase by end user. The conditions for warranty are as follows :
- The warranty is valid only if the original receipt issued to the original purchaser by the dealer is presented with the product to be repaired or replaced.
- The warranty is void if the serial number, date of purchase and product label had been removed.
- The warranty does not cover any failure or damage of the product due to normal wear and tear, physical abuse, improper installation, misuse, modification or repairs by unauthorized third parties.
- Openbrain Technologies does not assume responsibility for any loss or damage incurred during shipment and as a result of force majeure.
- Openbrain Technologies is not liable for any incidental or consequential damages arising from the use or misuse of the product.
- All warranty claims are limited to repair or replacement of the defective product at the sole discretion of Openbrain Technologies.
- If Openbrain Technologies repairs or replaces the product, the repaired or replaced product shall be warranted for the remaining time of the original warranty period. Repair or replacement may involve the use of functionally equivalent reconditioned units. Replaced part or product becomes the property of Openbrain Technologies.
- Consumable components, such as batteries, are not included in the warranty obligation.

Disclaimer Notice

The manufacturer shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material. This document contains proprietary information, which is protected by international patent applications and copyright. All rights reserved. No part of this document may be copied, reproduced or translated without prior written consent of the manufacturer. The manufacturer reserves the right to revise this publication and to make changes from time to time in the contents hereof without obligation to notify any person of such revisions or changes. The manufacturer also reserves the right to change the specifications without notice.

FCC notice to users and product statements

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. CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

European CE notice to users and product statements

This product is CE marked according to the provisions of the R & TTE Directive (99/5/EC). Hereby, Openbrain Technologies Co., Ltd, declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For further information, please contact http://www.openbrain.co.kr

Industry Canada notice to users and product statements

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.

SONORIX

www.SONORIX.com