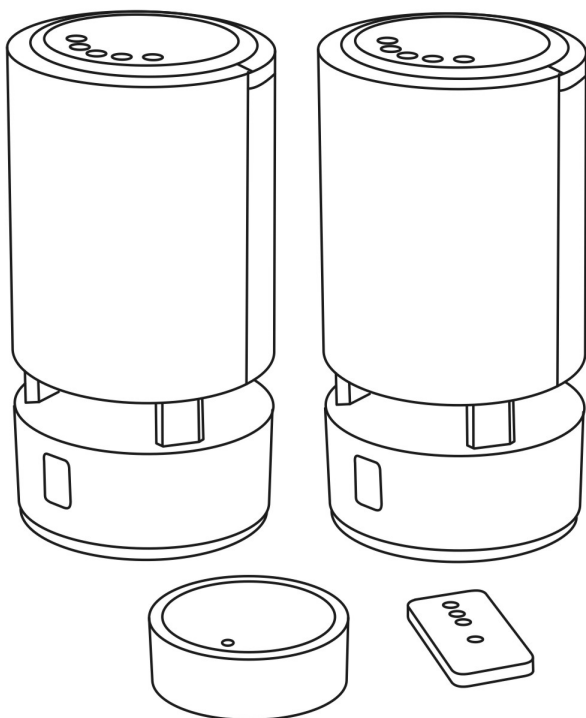




WIOS

Wireless Indoor-Outdoor Stereo Speakers

User Manual



Version 1.0

TABLE OF CONTENTS

Introduction .. 2

Features .. 2

Safety information and instructions .. 2

Package contents .. 3

Components guide .. 4

Operation .. 5

Transmitter .. 5

- Connect with audio devices .. 5
- Connect with PC .. 5

Speaker receiver .. 5

- Audio receiving .. 5
- Audio channel selection .. 6
- Standby/Power off .. 6
- Ambiance blue light .. 6
- Carry handle .. 6

Pairing .. 6

Remote control .. 7

Trouble shooting .. 7

- No sound .. 7
- Interference .. 7
- Distorted .. 7

Technical specification .. 8

Information about products that generate electrical noise .. 8

One-year limited warranty (United States only) .. 9

Warranty exclusions .. 10

Other limitations .. 10

INTRODUCTION

WIOS, the Wireless Indoor-Outdoor stereo Speaker lets you enjoy stereo sound throughout your house, in your yard, on the patio, by the pool, and even on your boat. They're portable, with flip-up carry handles so you can easily bring your music with you. The battery-powered wireless speakers free you from the hassle of drilling holes, running wires. And we include AC adapters to give you even more options when your batteries run low.

WIOS is a complete system that comes with two wireless speakers for rich stereo sound, a wireless audio transmitter base, remote control and three AC adapters. Simply plug in any audio source such as Radio, TV, VCR, Hi-Fi, Blu-ray and i-Phone/i-Pod/CD/MP3/DVD player even your PC into the base and it will send audio to two speakers for a rich stereo sound up to 200 feet away. The weather-resistant speakers include soft blue lighting that can be turned on to provide extra ambience for nighttime enjoyment.

Whether you use them indoors or out, you'll love the sound, the sleek look, and freedom with WIOS.

FEATURES

- 2.4GHz Wireless Stereo Pair System
- Premium sound quality
- Weather resistant for outdoor and indoor use
- Portable battery and AC powered - ready to take anywhere
- More than 200 feet transmission range with one transmitter
- Connects to all Smart Phones and music players
- Connects to PC's through USB
- Built-in soft blue lights for extra ambience at night
- Electronic volume control
- Auto tuning control
- Remote control
- No-wires simple setup in minutes

SAFETY INFORMATION AND INSTRUCTIONS

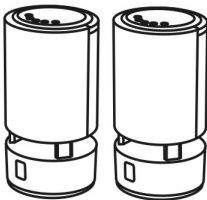
Please take the time to read and follow safety instructions in this Manual carefully. It will help you to use your new Wolverine® product properly and enjoy its features more.

- To reduce the risk of fire or electric shock, do not expose this product to rain, moisture, water dripping or splashing. Use care not to spill liquids into any part of the device. In the event that water or other liquids entered the interior, turn off the device immediately. Continue use of the device when wet, can cause failure and/or fire hazard.

- Do not drop or handle too aggressively as it may cause damage to the device. Warranty will be voided if the device is mishandled or misused. Always place device on a flat level surface and avoid places where may be subjected to strong vibration.
- Do not handle the device with wet hands. Doing so may cause electrical shock and damage the device.
- Do not place the device close to any equipment generating strong electromagnetic fields. Exposing to strong magnetic fields may cause device malfunction.
- Do not place or store device near heat source such as radiators, heat registers, stoves that produce heat.
- Clean device with dry cloth. Do not use abrasive clothes, thinner, alcohol, or other chemical solvents, because they may damage the finish or cosmetics.
- Do not block ventilation openings which may cause device to overheat.
- Protect the power cord from being walked on or sharp-pinned, particularly at plugs and the point where they exit from the device.
- Only use attachments/accessories specified by the manufacturer. If power adapter is needed, use the power adapter supplied in the package. Using wrong power adapter may short the device and cause fire hazard.
- Unplug this product during lightning storms or when unused for long periods of time.
- There is a risk that moisture may have condensed in the device when environmental temperature rapidly changed, which can cause damage to the device. To avoid condensed moisture damage to the device, allow it stand at room temperature for 2-3 hours before use. This will help moisture to evaporate and prevent unnecessary damage.
- Under no circumstances should user try to repair or modify the device or accessories. Opening the enclosure may expose you to high voltages or other hazards. Unauthorized alterations may compromise safety, regulatory compliance, and system performance, and will void the warranty.

PACKAGE CONTENTS

1. Speaker receivers



2. Transmitter



3. Remote control



4. Power adapter: DC 5V for transmitter

5. Power adapter: 2 pieces DC 9V for speakers

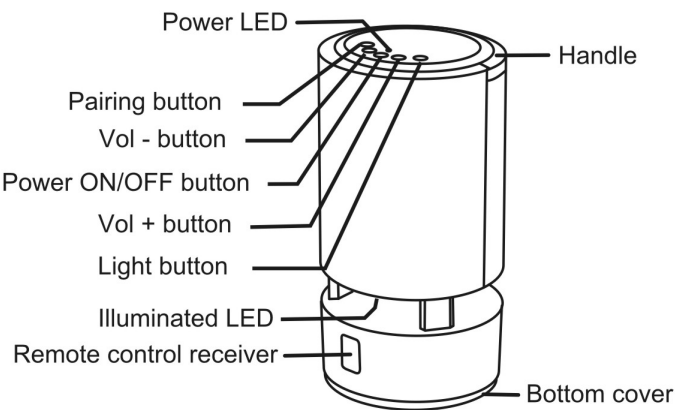
6. Audio cable: 3.5 mm stereo

Note:

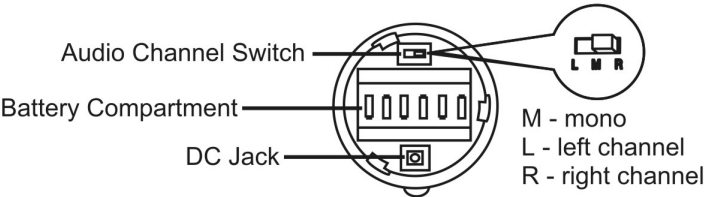
Each transmitter can hold up to 4 paired speaker receivers. Extra speaker receivers are available at www.wolverinedata.com.

COMPONENTS GUIDE

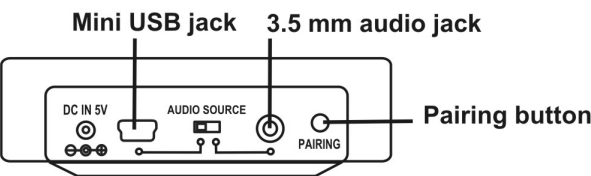
■ Speaker receiver



Inside bottom cover



■ Transmitter rear view



OPERATION

Transmitter

You can connect the transmitter to different audio devices such as i-Phone, i-Pod or MP3 by using 3.5mm audio cable. You can also connect the Transmitter to PC by using USB cable.

– Connect with audio devices

- Connect the supplied AC/DC Power adapter to an electrical wall AC outlet.
- Switch the AUDIO SOURCE to the RIGHT side (towards 3.5mm audio jack).
- Plug the AC/DC Power adapter in the DC jack located on the rear of the transmitter.
- Then the transmitter will turn ON automatically and the Power LED of transmitter will flash.
- You can connect different kinds of audio devices to the 3.5mm audio jack of transmitter by using the 3.5mm audio cable.
- Once the plugged in audio device plays audio, the Power LED of transmitter stays ON (stops flashing).

– Connect with PC

- Switch the AUDIO SOURCE to the LEFT side (towards USB jack).
- You can connect your PC to the USB jack of the transmitter by using the USB cable.
- Your PC USB port provides both power and audio signal to the transmitter. You do not need to use the AC power adapter in this mode. To transmit audio to speakers play your audio through any media player such as iTunes, Windows Media Player, Pandora, etc.
- When the transmitter receives an audio signal from your PC, the LED power indicator stops flashing and remains on.

Speaker receiver

– Audio receiving

- Connect the supplied Power adapter to an electrical wall outlet, then plug them to the DC jack at the bottom of the speaker receiver or install 6 'AA' size quality ALKALINE batteries (not included) into the battery compartment with correct polarity at the bottom of the speaker receiver.
- Press and hold the POWER ON/OFF button to turn on the speaker receiver. The Power LED will flash.
- When the transmitter is connecting with audio devices / PC which are playing music, the Power LED of speaker receiver turns ON (non flashing) and will play the music.
- You can adjust the volume by pressing volume buttons.

– Audio channel selection

- You can select the audio channel by using the audio channel switch inside the bottom cover.
- You can select Left channel (L), Right channel (R) or forced Mono (M).
- To listen in stereo select one speaker receiver for Left channel and the other for Right channel.

– Standby/Power Off

- To power off the speaker receivers press the Power ON/OFF button once or aim the remote control at the speaker's base and press the Power button.
- When the speaker receiver stops receiving audio signal for more than 10 minutes it automatically shuts itself off.

– Ambiance Blue Light

- Each speaker receiver has built-in 3 ambiance blue LEDs. Press the LIGHT button to turn on the 3 LEDs, press it again to turn them off.

– Carry Handle

- For easy carry the speaker receiver has a carry handle located at the top of the speaker.

Pairing

Each transmitter can connect with more than one speaker receiver. You can pair other speaker receiver by following these steps:

- Connect the supplied Power adapters to both **transmitter** and **speaker receiver** and turn on the speaker receiver.
- Connect audio source to the transmitter and PLAY the audio source.
- The Power LED of speaker receiver should be flashing and the Power LED of transmitter is ON.
- Press and hold the **PAIRING button** at the back of the **transmitter** over 3 seconds until the Power LED is fast flashing.
- Press and hold the **PAIRING button** of **speaker** receiver over 3 seconds until the Power LED become fast flashing (fig. 4) and the speaker receiver has pairing voice.
- If pairing is successful, both Power LEDs will stop flashing and the speaker receiver will play the music.
- In case of channel interference press and hold the PAIRING button for 3 seconds until Power LED starts flashing fast to re-pair the system to a different channel.

Remote Control

Before using remote control the first time, remove the safety tab inside the battery cover.

- Press the battery cover tabs together and remove cover.
- Carefully remove the safety tab which covers on the battery.
- Replace the battery cover.

Trouble shooting

- No sound

- Ensure the power adapter is fully inserted into the wall outlet, and the power connection is turn on.
- Ensure the speaker receivers are ON.
- Speaker receiver's battery capacity might be too low. Replace new batteries or use power adapter to the speaker receiver instead.
- Ensure the audio cable or USB cable to the transmitter is well connected.
- Ensure the connected audio or video equipment is playing.
- If the volume of speaker receivers are too low, adjust the volume to an appropriate level.

- Interference

- To avoid interference disturbance, place your transmitter and speaker receiver away from other 2.4GHz electronics device such as microwave oven, wireless LAN, blue-tooth device or cordless phone, at least 3 feet.
- If you could hear the interference, you can press the transmitter unit pairing button once to get another channel link for transmission.

- Distorted

- Pairing the Transmitter and Speaker Receiver again.
- Speaker receiver's battery capacity might be too low. Replace new batteries or use power adapter to the speaker receiver.
- Ensure the volume levels of speaker receivers are adjusted properly.
- The speaker receivers are too far away from the transmitter, move it closer.
- The input level of the audio signal is too high. Turn down the volume of the audio source equipment.

TECHNICAL SPECIFICATION

Carrier Frequency : 2.4GHz Digital

Operation Voltage :

Transmitter - DC 5V 1000mA adapter or 5V USB power

Speaker receivers - DC 9V 1500mA adapters or 6 X 'AA' size Alkaline batteries (not included) for each speaker receiver

Remote Control - CR2025 battery

Frequency Response : 20Hz ~ 20KHz

Distortion : <1%

S/N Ratio : 80dB

Channel Separation : 65dB

Operation Distance : Up to 262 feet in open area

Output Power : 5W (RMS)

Water Resistance Level : IPX3

Dimensions :

Transmitter - 91.5mm (Dia.) x 35mm (H)

Speaker receiver - 130mm (Dia.) x 250mm (H)

Information about products that generate electrical noise

The Wolverine Indoor/outdoor stereo Speaker (WIOS) complies with FCC and Industry Canada RF radiation exposure limits set forth for general population. The system must not be collocated or operating in conjunction with any other antennas or transmitters.

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.

U.S.A. only

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, this 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, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna on your radio or TV.
- Increase the separation between the WIOS and your radio/TV.
- Connect the WIOS to an outlet on different circuit than the one to which the radio/TV is connected.

- Consult the dealer or an experienced radio/TV technician for help.
- Any modification to WIOS that is not expressly approved by Wolverine Data will void the user's authority to operate this device.

One-Year Limited Warranty (United States Only)

Wolverine Data manufactures its hardware products from parts and components that are new or equivalent to new in accordance with industry-standard practices. Wolverine Data warrants that the hardware products it manufactures will be free from defects in materials and workmanship. The limited warranty term is one year beginning on the date of invoice, as further described in the following text.

Damage due to shipping the product to you is covered under this limited warranty. Otherwise, this limited warranty does not cover damage due to external causes, including accident, abuse, misuse, problems with electrical power, servicing not authorized by Wolverine Data, usage not in accordance with product instructions, failure to perform required preventive maintenance, and problems caused by use of parts and components not supplied by Wolverine Data.

The warranty extends only to the first consumer purchaser, and is not transferable. This limited warranty does not cover any items that are in one or more of the following categories: software; external devices (except as specifically noted); accessories or parts added to a Wolverine Data system after the system is shipped from Wolverine Data or its resellers; accessories or parts that are not installed in the Wolverine Data factory.

During the one-year period, beginning on the invoice date, Wolverine Data will repair or replace products returned to Wolverine Data's facility.

To request limited warranty service, you must contact Wolverine Data's Technical Support Services within the limited warranty period. Refer to the section titled TECHNICAL SUPPORT to find the appropriate telephone number for obtaining customer assistance. If limited warranty service is required, Wolverine Data will issue a RMA (Return Material Authorization) Number. You must ship the products back to Wolverine Data in their original or equivalent packaging, prepay shipping charges, and insure the shipment or accept the risk of loss or damage during shipment. Wolverine Data will ship the repaired or replacement products to you freight prepaid if you use an address in the continental United States, where applicable. Shipments to other locations will be made freight collect.

To obtain service, you must include: (a) a copy of your receipt or other comparable proof of purchase; (b) a written description of the problem; (c) your address and telephone number; (d) Write the RMA number on the outside shipping packaging.

NOTE: Wolverine Data uses new and reconditioned parts made by various manufacturers in performing limited warranty repairs and building replacement products. If Wolverine Data repairs or replaces a product, its limited warranty term is not extended.

Warranty Exclusions

Normal Wear and Tear -

Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Abuse and Misuse -

Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the products or accessories for commercial purposes or subjecting the product or accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Wolverine Data, are excluded from coverage.

Use of non-Wolverine approved accessories -

Defects or damage that result from the use of Non-WIOS's accessories or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification -

Defects or damages resulting from service, testing, adjustment, instillation, maintenance, alteration, or modification in any way by someone other than Wolverine Data are excluded from coverage.

Altered Products -

Product or accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Wolverine Data parts or accessories, are excluded from coverage.

Other Limitations

Any implied warranties shall be limited to the duration of this limited warranty, otherwise the repair, replacement or refund as provided under this express limited warranty is the exclusive remedy of the consumer, and is provided in lieu of all other warranties, express or implied. In no event shall Wolverine Data be liable, whether in contract or tort (including negligence) for damages in excess of the purchase price of the product, accessory or software, or for any indirect, incidental, special or consequential damages of any kind, or loss of revenue or profits, loss of business, loss of information or data, software or application with the ability or inability to use the product, accessories or software to the full extent these damages may be disclaimed by law. Some states (or jurisdictions) do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.