



BTunes100
Wireless Bluetooth Speaker

User Manual

Version 1.0

TABLE OF CONTENTS

INTRODUCTION .. 2

FEATURES .. 2

SAFETY INFORMATION AND INSTRUCTIONS .. 3

QUICK STARTUP GUIDE .. 4

CONNECTING TO A BLUETOOTH DEVICE .. 5

CONNECTING TO NON-BLUETOOTH DEVICE .. 6

TROUBLESHOOTING .. 6

SPECIFICATION .. 9

THIS DEVICE COMPLIES WITH FCC RULES PART 15 .. 9

ONE-YEAR LIMITED WARRANTY (US ONLY) .. 10

WARRANTY EXCLUSIONS .. 12

OTHER LIMITATIONS .. 14

PACKAGE CONTENTS .. back

INTRODUCTION

Wolverine BTunes100 are advanced Bluetooth speakers with more than 100 feet wireless range. The signal even goes through walls for more than 60 feet range. They're compact and portable yet deliver huge sound from both Bluetooth and standard sources. They connect to all Bluetooth audio compatible phones and music players by a simple onetime pairing. No Bluetooth? No problem; we include a standard 3.5 mm audio cable to connect your music player to the BTunes100 audio input jack. And BTunes100 is rechargeable! The built-in Lithium Ion battery lasts more than 10 hours and recharges in just 2-3 hours with the included AC adapter or by plugging into any Computer USB port. Two full-range speaker drivers per unit and a Passive Radiator provide impressive sound power and amazing bass.

FEATURES

- More than 100 feet Bluetooth connectivity range in open spaces, over 60 feet through walls.
- Portable and compact speaker, HUGE sound
- Connects wirelessly to any Bluetooth audio device
- 3.5 mm audio cable included for non-Bluetooth devices
- Speakerphone function with built-in echo canceling microphone, use the speaker to take a call and speak back through the built-in microphone
- Party for more than 10 hours with the built-in rechargeable battery

SAFETY INFORMATION AND INSTRUCTIONS

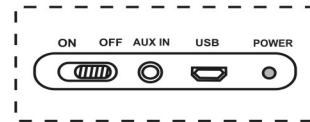
Please take the time to read and follow safety instructions in this Manual carefully. It will help you to use your new Wolverine® product properly and enjoy its features more.


- 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.
- 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.

- 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.
- 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.



QUICK STARTUP GUIDE

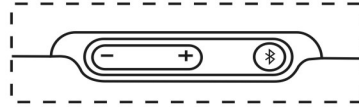
1. Before using Speaker system for the first time charge the Speaker for at least three hours using a computer USB port or a USB 5V / AC power adapter. When the Speaker's battery is fully charged the RED LED light (●) will turn to BLUE. The built-in Lithium Ion battery lasts more than 10 hours. The rate of battery discharge varies with the volume setting. You can extend the battery playback time by reducing the volume.



2. Power on the speaker by moving the power switch to the ON position (). Wait for three seconds until you hear a beeping sound.

CONNECTING TO A BLUETOOTH DEVICE

1. Turn on your Bluetooth device and switch its Bluetooth to Search Mode.
2. Press and hold the Speaker's Bluetooth button () for 3-5 seconds until you hear a beep and then release.
3. Search for **BT602** on your Bluetooth device and connect.
4. If your Bluetooth device asks for a password, use the numbers "0000".
5. Play music from your Bluetooth device.
6. Adjust volume using the speaker's +/- Volume buttons () or your Bluetooth volume controls.
7. If you are using a mobile phone as your Bluetooth music player, you can use the speakerphone function to take a call and speak back through the built-in microphone. Music playing will pause when receiving a phone call and resume after hanging up.



CONNECTING TO NON-BLUETOOTH DEVICE

You can attach the speaker to any headphone jack audio output. Included with the speaker a standard 3.5 mm audio cable to connect your music player to the BTunes100's audio input jack.



NOTE: Speaker's Volume controls are non operational in this mode. Use your player to control volume.

TROUBLESHOOTING

Speaker will not turn on

- Make sure the battery is charged or your system is connected to a working AC (mains) outlet.

Paired Bluetooth device will not connect

- Turn the speaker off and back on.
- Remove the speaker from the pairing list on your Bluetooth device pairing list. Then pair the device and the speaker again.

The speaker indicates a connection, but is not playing music

- Turn off or disable Bluetooth on all other paired devices nearby and reconnect the device you want to hear.
- Turn the speaker off and back on.

Cannot pair the speaker with my Bluetooth device

- Press and hold the Speaker's Bluetooth button for 3-5 seconds until you hear a beep and then release.
- Make sure the Bluetooth device is turned on.
- Your Bluetooth device may be out of range - try moving it closer to the speaker.
- Make sure your Bluetooth device supports the transfer of audio.
- Move your Bluetooth device and/or the speaker away from other devices that generate electromagnetic interference. Examples are cordless phones, microwave ovens, wireless network routers, or other Bluetooth devices.
- If possible, turn off all other nearby Bluetooth devices or disable their Bluetooth functionality.
- Turn the speaker off and back on.

No audio from a Bluetooth device

- Make sure your speaker is not muted, and the volume is up.
- Make sure your Bluetooth device is playing audio, and the volume is up.
- Your Bluetooth device may be out of range - try moving it closer to the speaker.
- Turn the speaker off and back on.

Poor sound quality from a Bluetooth device

- Your Bluetooth device may be out of range - try moving it closer to the speaker.
- Move your Bluetooth device and/or the speaker away from any device that

generate electromagnetic interference. Examples are cordless phones, microwave ovens, wireless network routers, or other Bluetooth devices.

- If possible, turn off all other nearby Bluetooth devices or disable their Bluetooth functionality.
- Turn the speaker off and back on.

No audio from a Bluetooth device

- Make sure your speaker is not muted, and the volume is up.
- Make sure your Bluetooth device is playing audio, and the volume is up.
- Your Bluetooth device may be out of range - try moving it closer to the speaker.
- Turn the speaker off and back on.

Poor sound quality from a Bluetooth device

- Your Bluetooth device may be out of range - try moving it closer to the speaker.
- Move your Bluetooth device and/or the speaker away from any device that generates electromagnetic interference, such as another Bluetooth device, cordless phone, microwave oven, or wireless router.
- Reduce the number of applications running on your Bluetooth device. Running multiple applications can reduce the amount of internal resources available to transmit audio. Closing non-essential applications may improve audio quality.
- Try turning off WiFi to improve audio quality.
- Try unpairing your Bluetooth device from the speaker and then re-pairing the two.

This action can possibly clear issues that might have occurred during initial device pairing.

- Turn the speaker off and back on.

No audio or poor sound quality from the AUX source

- Make sure your connected device is on and playing.
- Make sure the 3.5 mm plug is fully inserted into the speaker.
- Change the volume level on the device.
- Change the speaker volume.

SPECIFICATION

Audio Input: Wireless Bluetooth and AUX in.

Wireless Range: More than 100 feet

Speakers: Dual 2" speakers with passive radiator, 4W total power

Speakerphone: Built-in MIC and echo canceling software

Power: 1100mA Li-ion rechargeable battery. USB AC/Computer charging

Dimensions: 9 x 3.4 inches

Weight: 1 lb. 9 ounces

THIS DEVICE COMPLIES WITH FCC RULES PART 15

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 that may cause undesired operation.

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.

ONE-YEAR LIMITED WARRANTY (US 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-BTunes 100'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.

Thank you for choosing Wolverine!

Having difficulty using this product?

Please try the following options:

- Call us at 949-458-9888 M-F 9:00-5:00 Pacific Time
- Visit www.wolverinedata.com/support to find the latest documentation and other help tips
- E-mail or write to our technical support staff at support@wolverinedata.com or our address:
9939 Muirlands Blvd. Irvine, CA 92618

PACKAGE CONTENTS

1. BTunes100 speaker
2. USB power cable
3. AC Power adapter
4. 3.5 mm audio cable
5. User manual