



Designed in Italy
by

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Unicorn srl
Portable Speaker
Model No.: Troll Mini-01
FCC ID: 2AAA8MMMFG

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.

CE Declaration of Conformity

Unicorn srl declares under its sole responsibility that this product is compliant to european regulations 2004/108/EC (ECM - Electromagnetic Compatibility) with respect to the following standards:

- EN 55022:2006+A1:2007
- EN 55024:1998+A1:2001+A2:2003



RoHS

This product is compliant with CE and FCC



Keep together with sales receipt for Assistance and Warranty
Conservez ce manuel avec facture pour garantie d'assistance
Conservare assieme a scontrino per Assistenza e Garanzia

Vibe-Tribe
expand your sound



WIRELESS
CONF CALL

4.0
Bluetooth®

mini
Troll
3D SPEAKER

user manual



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VIBE-TRIBE.EU/FACEBOOK

“VIBRATION RESONANCE” TECHNOLOGY

Congratulations on your purchase of the Vibe-Tribe Troll Mini Wireless Speaker.

This manual explains how to correctly install, operate and get the best performance from your Troll Mini. Read this guide carefully before the usage, then keep it near it for quick reference.

TROLL MINI delivers a top audio experience without the hassle of cables and docking stations, giving you the freedom to share music, movies, games and calls wherever you want. It's the perfect companion to any mobile phone, mp3 player, tablet or laptop.

TROLL MINI is powered by a new generation Vibration Core, capable of producing an extremely high fidelity sound, leveraging on the patented «Vibration Resonance Technology».

The proprietary extra-powerful Vibration Core converts the low electromagnetic pulses into mechanical vibrations that are transferred to the surfaces where the unit is placed, transforming them into wide and powerful acoustic sources, spreading the sound in an amazing way!

MAIN FEATURES

♦ Output Power:	RMS 3W
♦ Mic	Built-in, noise canc Hands Free
♦ Bluetooth version:	4.0
♦ Bluetooth profiles:	A2DP 1.2, HFP 1.6, AVRCP 1.4
♦ Wireless range:	30mt
♦ Lithium-ion Battery	250mAh
♦ Dimensions / Weight:	Ø42x42mm / 150gr

WARNING & CAUTIONS

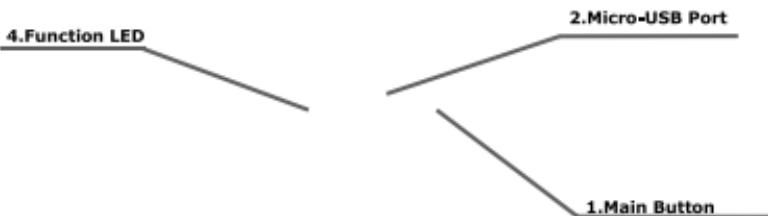
Please read these safety warnings and cautions carefully to ensure your personal safety and prevent property damage.

- Even if equipped with Vacuum base, Troll Mini shall be used only on horizontal surfaces.
- Do not place the Troll Mini on high surfaces such as shelves. During music playback the Troll Mini, even if equipped with Vacuum base, may move which could cause the Troll Mini to shift and fall off the edge.
- Charge Troll Mini completely before using it for the first time.
- Use only the manufacturer supplied cable to charge your Troll Mini. Other cables may look similar, but using them could damage Troll Mini.
- Slightly press the speaker onto the selected surface for better adherence and optimal audio quality.
- Do not expose your Troll Mini to liquid, moisture, humidity, or rain. Do not use Troll Mini near a bathtub, sink, sauna, pool, or steam room. Exposure of Troll Mini to moisture could result in electric shock.
- Do not attempt to replace your Troll Mini battery, it is built-in and is not changeable.
- Clean with a dry soft cloth. Do not use abrasive cleaners or corrosive chemicals to clean your Troll Mini because this could cause scratches and damage.
- Clean periodically the speaker base with a moist cloth in order to gain the maximum adherence.
- This device contains magnets. Keep credit cards, memory cards and video screens away from this device to avoid damage or malfunction.
- **Keep this owner's guide together with your sales receipt for assistance and warranty purposes.**

BATTERY RECHARGE

- Put the Main Switch in "OFF" position and connect the Troll Mini to a PC or a 5V power supply using the microUSB-USB cable. During the battery recharge the red LED is on. The charge time is around 2 hours .
- For best battery operation and prolonged battery lifespan disconnect after charging. Use the device on battery power until it needs to be charged again.

CONTROLS & INTERFACES



1. Main Button (ON/OFF/Mode)

Long press to switch between ON and OFF
Short press Button to switch between BT and Line In mode.

2. Micro-USB Port

The Micro-USB plug shall be inserted into Troll Mini to:
Connect an external audio source through 3.5mm jack wired to the audio source.
Charge or power the internal battery through the USB plug connected to PC or to a 5V power supply.

3. Function LED

POWER OFF:

- Red Light: Charging battery
- Green Light: Battery full charged

POWER ON:

- Blue Light slow blinking: ready to connect the external audio source.
- Switch in BT position:
- Blue Light fast blinking: ready to connect to Bluetooth external source.

4. Integrated Microphone

This is the opening, which marks the position of the microphone. Do not insert anything into this opening in order to avoid damages to the internal components which will then not be covered by the warranty.

CONNECTION via BLUETOOTH®

1/2

Troll Mini can reproduce any audio signal from an external audio source which is Bluetooth compatible.

Bluetooth Compatibility: Troll Mini integrates Bluetooth 4.0 technology and is compatible with all the devices integrating the Advanced Audio Distribution Profile (A2DP) protocol for the music playback, the Audio/Video Remote Control Profile (AVRCP) for the remote control of the device and the Hands-Free Profile (HFP) for the hands free call functionality. The Bluetooth 4.0 is also compatible with all the previous Bluetooth versions.

Selection of Bluetooth mode: In order to select the *Bluetooth Connection Mode*, press the Main Button until the Led will start fast blinking BLUE. This indicates that Troll Mini is entering into Bluetooth mode and is ready to be connected with an external Bluetooth audio source.

Bluetooth Pairing: Verify that your desired external source has the Bluetooth function turned on and set it to "discoverable" mode. Search for Bluetooth devices and locate the list of discovered Bluetooth devices. From the Bluetooth device list, select the device named "Vibe-Tribe Troll Mini". If your device asks for a passkey, enter "0000" (four zeros) and press OK. Some devices also ask you to accept the connection. When the pairing is complete, Troll Mini will emit a short sound signal and the "Bluetooth Led" will stop blinking and remain steady on.

Wireless devices may take a couple of tries to communicate the first time. In case your device does not connect the first time, repeat the previous steps.

CONNECTION via BLUETOOTH®

2/2

Connection with a Bluetooth audio source: to connect an already paired device, just operate on the external audio source: search for Bluetooth Devices, locate the list of discovered Bluetooth devices and select "Vibe-Tribe Troll Mini" from the list. Troll Mini will emit a short sound signal and the LED will remain steady BLUE.

Hands Free Calls via Bluetooth: once the pairing procedure is effective, if the source device is HFP (Hands Free Protocol) compliant, Troll Mini can be used as Hands Free device during your incoming and outgoing calls.

Disconnecting Bluetooth: Troll Mini can pair with many Bluetooth devices. However, it can only be connected to, and play audio from, one device at a time. In order to start using a new external source, it is necessary to first disconnect the one in use. Such disconnection may be carried out in two different ways:

- By switching Troll Mini OFF and BT again
- By disconnecting the external source already in use

When the Bluetooth connection with an external audio source is interrupted, Troll Mini emits a short audio signal and the LED starts blinking BLUE indicating the availability to a new connection.

When the Bluetooth connected external audio source goes out from the Troll Mini Bluetooth range, without the Bluetooth connection being manually disconnected, the pairing shall still last for 2 minutes before being interrupted making Troll Mini available for a new connection.

VACUUM BASE

Troll Mini pack includes one additional spare Vacuum Base to be attached beneath the Troll Mini pedestal. The Vacuum Base permits to place and move Troll Mini easily and is very effective to obtain a better adherence to a smooth surface.

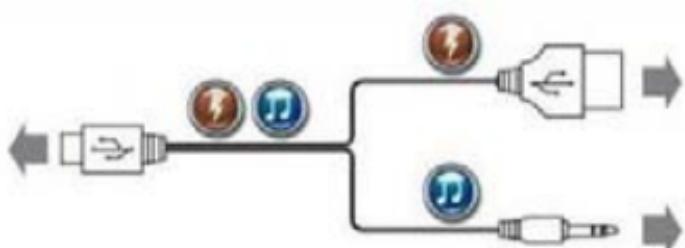
Please note that the Vacuum base is NOT capable of sustaining the weight of the Troll Mini unless the Troll Mini is placed on a horizontal surface. Unicorn Srl will not be liable for any damage to persons or objects as a result of the positioning of Troll Mini on any surface that is NOT horizontal.

LINE-IN CONNECTION - Mode

Troll Mini can reproduce any audio signal from an external audio source connected through the included cable.

In order to select the *Line In Connection Mode*, press the Main Button until the Led will start slow blinking BLUE.

Connect the Troll Mini microUSB port to the 3,5mm jack output of your desired external audio source (e.g. PC, smartphone, tablet...) using the included cable. Troll Mini is now ready to playback.



PROBLEM SHOOTING

1 UNABLE TO PAIR WITH BLUETOOTH ® DEVICE?

- A - Confirm that your phone/device is Bluetooth compatible.
- B - Make sure that the "Bluetooth Connection" operational mode has been selected and that the Bluetooth Led is lighted.
- C - Follow the instructions in this guide.
- D - Update your phone/device Bluetooth drivers to latest version.
- E - Contact us for support at postsales@vibe-tribe.it

2 EXPERIENCING SIGNAL LOSS OR DROPOUTS VIA BLUETOOTH?

- A - Move Troll Mini closer to your phone/device.
- B - Make sure it's charged up.
- C - Turn off your Troll Mini and phone/device, then power up and reconnect.

3. NO SOUND?

Make sure that the desired operational mode is coherent with the selection done on the Troll Mini and with the selected device. Raise the volume on the phone/device.

4. HEARING DISTORTION

The distinctive element of these speakers is the exclusive core patent "vibration resonance" that transforms electromagnetic pulses into mechanical vibrations that are spread directly onto the surface on which the speaker is placed. It is also due to this exclusive technological solution that Troll Mini can boast such exceptional performances regardless of their reduced dimensions. The sound performance may then depend on the surface and the music track you are listening to.

- A - Lower the volume on your phone/device. When connected via 3.5mm stereo input, your phone/device may distort the audio signal if turned up too loud. Turn down the volume on your phone/device and then adjust it.
- B - Make sure it's charged up. Check for low battery, then charge Troll Mini via USB.

5. NOT LOUD ENOUGH?

- A - Turn up the volume on your phone/device.
- B - Make sure it's charged up.

6. PROBLEM WITH HANDS FREE?

- A - Verify that your phone/device/audio source is compliant with the HFP profile.
- B - In case of interferences, move your phone or Troll Mini slowly to find the best reception position for the system. Eventually check to determine if there are any obvious radio frequency interference sources near the Troll Mini.

LEGAL NOTICES

FCC Part 15

FCC STATEMENT: 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 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.*

FCC NOTICE: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- *This device may not cause harmful interference, and*
- *This device must accept any interference received, including interference that may cause undesired operation.*

FCC CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's auTroll Minlity to operate this equipment.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

FCC ID: 2AAA8MMMF. To locate the FCC identification numbers, please look on the underside of Troll Mini.

Please only use with the power supply cable provided.