

USER MANUAL
QDOS Q-PUK
Bluetooth Waterproof Speaker

Welcome

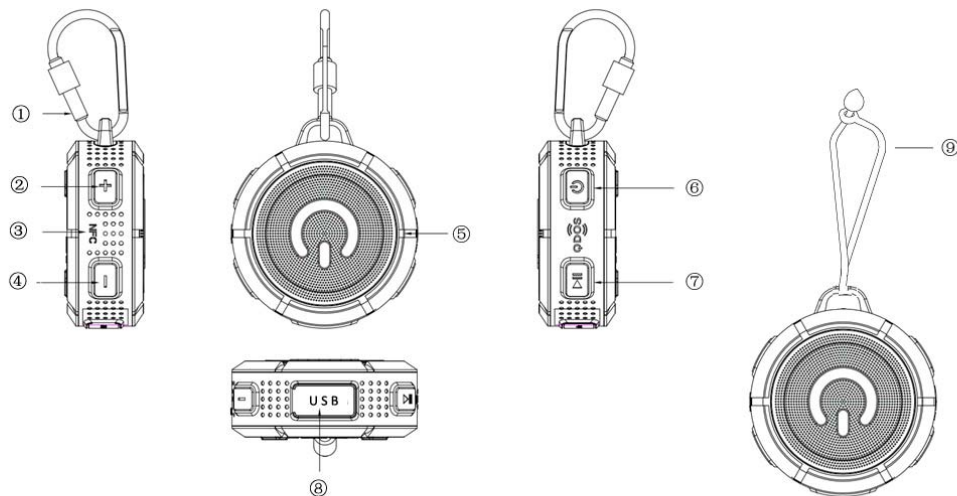
Congratulations on your purchase. Your QDOS Q-PUK Bluetooth Waterproof Speaker for all Bluetooth compatible iProducts, smartphones, tablets, PCs and other devices capable of streaming Bluetooth audio is designed to deliver a superior audio experience as an ultra light-weight mini portable speaker system. This compact, rugged speaker built for outdoor use easily connects wirelessly to your music device, in seconds...no cables, no hassles! Robust and durable with its unique protective, waterproof silicone skin, it will provide hours of crystal clear audio on the go.

We hope you will take few moments to read this manual and follow all user instructions to get to know your product.

System Specifications of the QDOS Q-PUK Bluetooth Waterproof Speaker

- Product Specifications
 - o Dimensions: 85mm x 87mm x 34mm
 - o DC power: 3W
 - o Weight : 130gms
 - o Interface : Micro-USB
 - o Communication : NFC, Bluetooth 4.0
 - o Approvals: CE, FCC, RoHS (attached in Appendix B)
 - o Waterproof : IPX67 rated, up to 1m depth
 - o LED : LED light indicates power on
- Speaker Driver Specifications
 - o Dimensions: 50mm
 - o Channel Mono channel
 - o Speaker rated power: 4 Ω 3W
 - o RMS: 1.5W*1
 - o THD: $\leq 10\%$
 - o Frequency 200Hz-20KHz
 - o S/N Ratio: $\geq 75\text{dB}$
- Bluetooth Specifications
 - o Version 4.0
 - o Operation frequency: 2.402 -2.48GHz
 - o Receiving Sensitivity: -91dBm @ 0.1% BER
 - o Operation range: up to 10m
- Battery Specifications
 - o Specification: built-in Polymer battery
 - o Capacity: 500mAh, 3.7v
 - o Charging standard: DC 5V, 500mA
- Miscellaneous Specifications
 - o Music playback time: 6-8 hours at 70% volume
 - o Charging time: 1 ½ to 2 hours
 - o Auto off: device will shut down after 5 minutes of inactivity

Features & Functions



- ① Carabiner
 - Convenient carry solution for fixing to backpack, belt etc..
- ② + Volume Up / Next song
 - short press for next song
 - long press for volume up
- ③ NFC: approach any NFC-enabled mobile phone to this position and the speaker and mobile will pair automatically
- ④ - Volume Down / Previous song
 - short press for previous song
 - long press for volume down
- ⑤ LED indicator – built-in battery status
 - Blue LED flashing - pairing. After pairing successfully, it will remain blue
 - Blue LED on - playing
 - Red LED on - charging, when charging is finished, it will turn off
- ⑥  Power switch On/Off
 - Press for 3 seconds to power on/off
 - The unit will turn off automatically after 5 minutes if no audio devices are paired
- ⑦  Pause/Play button
 - Press for pause, press again for play music under Bluetooth playing mode.
- ⑧ Micro USB charging port underneath a waterproof and dustproof cover
- ⑨ Silicone band
 - 85mm length. Soft, lightweight and waterproof, ideal for hanging the QDOS Q-PUK on your wrist or even around your neck.

Operation

First, turn on the QDOS Q-PUK Bluetooth Waterproof speaker using the On/Off button on the side of the device ⑥. Press the button for 3 seconds to power on or power off. When powered on, the blue LED light will flash and you will hear a sound. Your QDOS Q-PUK Bluetooth speaker is ready for use. When you are ready to turn off the Q-PUK speaker, simply hold the power button down for 3 seconds. You will hear a sound and the blue LED light will turn off.

NB - to preserve battery power and ensure uninterrupted fun when out and about, the QDOS Q-PUK is designed to turn off after 5 minutes when not in use, or when no device is paired!

Connecting your QDOS Q-PUK waterproof speaker for playback via Bluetooth

- Activate the Bluetooth function of your device (smartphone, PC or tablet)
- Make sure the QDOS Q-PUK is turned on
- Search for QDOS
- Find QDOS Pairing
- Select QDOS to connect and play
- When finished playing do remember to turn off the QDOS Q-PUK using the power button

Connecting your QDOS Q-PUK waterproof speaker for playback via NFC*

- Search your mobile device and, if applicable, turn on/select the option 'allow data exchange when close to other devices'
- Make sure the QDOS Q-PUK is turned on
- Bring the mobile phone close to the NFC zone on the Q-PUK for 3 seconds
- You will hear a prompt voice which means the NFC connection has been successful
- You may disconnect with NFC by simply bringing the phone close to the NFC zone when you are finished using the device but do remember to turn off the QDOS Q-PUK using the power button

**when choosing this method, please ensure your mobile phone supports the NFC function*

NB – If you are unable to connect with your device by either method, you may need to delete other Bluetooth devices from your device list. See TROUBLESHOOTING for more information.

Using your QDOS Q-PUK device

- Now that you are connected and ready for play, you can control the volume either directly on the QDOS Q-PUK using the volume buttons ② ④, or via the volume control on your paired device
- When making or receiving a call, the audio will pause during the call and restart when the call has ended

NB - sound performance can be affected by transmitting distance, poor signal and other factors. See TROUBLESHOOTING for more information.

Waterproof details for your QDOS Q-PUK Bluetooth speaker

- Your QDOS Q-PUK is tested and certified submersible up to 1 metre
- Please note that playback may be momentarily affected due to water pressure and interference
- It is recommended to shake off any excess surface water and dry your QDOS Q-PUK before re-use to get back to optimal performance

NB - the QDOS Q-PUK is a waterproof speaker and is protected against accidental water ingress for a rugged outdoor or indoor use. It is not designed for use as an underwater speaker.

Charging your QDOS Q-PUK device

- When the battery is low, the QDOS Q-PUK will emit warning beeps to remind you to re-charge it
- Turn off your QDOS Q-PUK
- Connect the micro-USB end of the USB charging cable with the unit ⑧ and connect the other end to your PC, power bank or other charger device whose output is DC5V, 0.5A-2A
- The red LED light will remain on whilst charging
- Your QDOS Q-PUK will be fully charged in under 2 hours

NB – if the QDOS Q-PUK is completely out of power you will not hear the beeping sounds and there will be no visible LED light. See TROUBLESHOOTING for more information.

Troubleshooting

- Bluetooth is a bi-directional transmitting protocol; transmitting distance and performance is related to and dependent on the audio player.
- Some terminal audio players manage automatic switching between songs differently and you may experience some POP noise in the interval between songs from time to time.
- If you experience issues connecting the Bluetooth device, please delete the other Bluetooth devices from the list, re-activate the QDOS Q-PUK Bluetooth speaker stand, re-search it and re-pair it.
- Ensure that other devices in the vicinity with Bluetooth switched on have also deleted the QDOS Q-PUK from their lists so that your device can pair with it.
- Poor signal environments will affect sound playback performance but moving to a better signal area will restore performance.

- Low battery capacity may also affect playback performance. Re-charge the device using the cable provided to restore performance.
- It is recommended always to turn off your device when charging and to unplug before use.

WHATS IN THE BOX

- QDOS Q-PUK Bluetooth speaker
- Carabiner and silicone band
- USB to Micro-USB charging cable
- User manual

CARE AND MAINTENANCE

- Always turn off the unit and unplug the power cable first before performing any general cleaning
- Only clean with a dry cloth. Do not use liquids, aerosols, chemicals, cleaning solvents or strong detergents
- To avoid damage always store the speaker in a clean, dry and dust-free environment and do not place any heavy objects on top of the unit
- Avoid extreme high and low temperatures, direct sunlight, dust and humidity. Maintain ventilation during use and do not place anything on or around your product during operation
- Disposing of your QDOS Q-PUK Bluetooth speaker



1. The use of the WEEE symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help protect the environment. For more detailed information about the recycling of this product, please contact your local authority, your household waste disposal service provider or the shop where you purchased the product.
2. Do not incinerate or dispose of your product in a fire or microwave



For Your Safety

- **Failure to read and follow these safety warnings could result in fire, explosion, electrical shock or other hazard, causing serious and/or fatal injury and/or property damage**
- Follow all operating and usage instructions
- Before use always check for damage and use only the cables provided
- Do not block any openings in the speaker cabinet nor push objects into the speaker vents or slots.
- Do not attempt to open or dismantle the unit and never disassemble or modify the components of the QDOS Q-PUK Bluetooth speaker
- KEEP AWAY FROM FIRE. Avoid throwing the speaker into fire or storing near to any heating source
- Keep away from corrosive materials
- The QDOS Q-PUK is tested and qualified as waterproof to an IP rating of 7 which indicates the level of protection against harmful ingress of water - *ingress of water in*

a harmful quantity shall not be possible when the enclosure is immersed in water (immersion up to 1m)

- Do not submerge or use the QDOS Q-PUK Bluetooth speaker in water deeper than 1 metre. The QDOS Q-PUK will likely be damaged by water pressure below that depth. If your QDOS Q-PUK Bluetooth speaker does fall into deeper water, do not resume use without the advice of a qualified technician
- To prevent short circuit or other potential hazards, keep small electrically conductive parts away from the QDOS Q-PUK Bluetooth speaker and its connecting sockets
- Do not allow small children to play with the QDOS Q-PUK Bluetooth speaker unsupervised
- In the unlikely event of over-heating or if you notice any unusual smells, distortions, discoloring or other abnormal phenomena, please stop using the QDOS Q-PUK Bluetooth speaker immediately and seek the advice of a qualified electronic technician

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.

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

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.

For Help and More Information

- www.qdosound.com
- customersupport@qdosound.com
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- All rights reserved. Reproduction in whole or in part is prohibited. QDOS is a trademark of Reso Ltd. All other trademarks are the property of their respective owners. Specifications are subject to change without notice. Actual colour and contents may differ slightly from those pictured.
- Made in China.
- QDOS warrants this product to be free from defects in materials and workmanship in the course of normal use for a period of two years from the date of purchase. This guarantee covers breakdowns due to manufacturing or design faults; it does not

apply in cases such as accidental damage, however caused, wear and tear, negligence, adjustment, modification or repair not authorised by us.

- Should you have a problem with your unit please contact your supplier or contact QDOS support at customersupport@qdossound.com

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