

The Qstik EVOQ user guide

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YOUR EVOQ BLUETOOTH® HEADSET

Welcome to the world of EVOQ – a world of crystal clear mobile phone communication combined with a unique look. The EVOQ introduces a new standard of digital voice quality in an individually designed form that is simple to use.

Your EVOQ is equipped with a powerful digital signal processor for bi-directional noise cancellation, acoustic echo cancellation, automatic speech level control and acoustic shock protection, resulting in speech enhancement on both the caller and listener's side – which vastly improves the quality of sound when you make and receive calls. Click on our “Getting technical” section for further details on the advanced features of EVOQ's technology.

This guide is designed to help you through the early days with us and answer any queries you may have.



welcome to the quiet revolution

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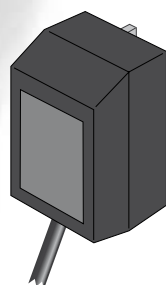
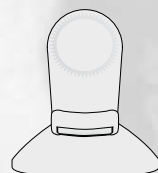
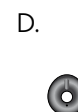
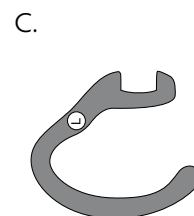
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Stereo ear buds
Accessory.

- A. EVOQ headset
- B. Charging cradle
- C. Spare ear hook
- D. Spare ear bud
- E. Stand
- F. Mains adaptor
- G. Magnetic holder to attach EVOQ in car

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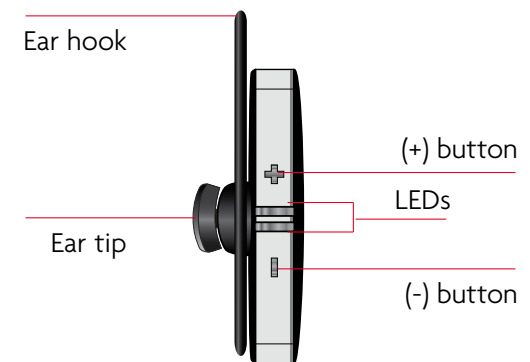
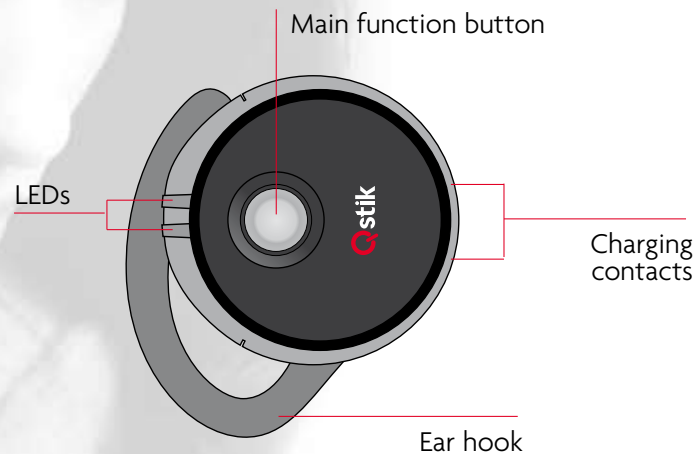
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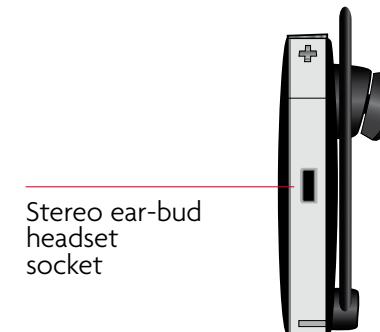
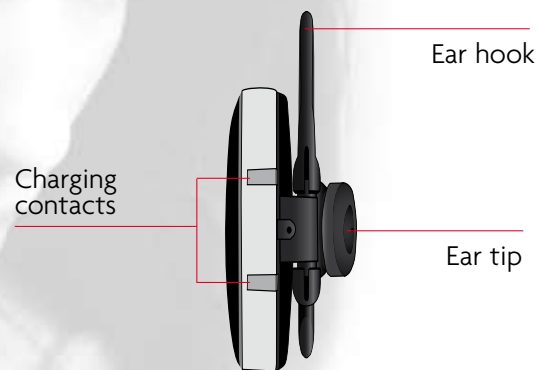
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Congratulations on choosing one of the most technically sophisticated and stylish Bluetooth headsets available. Utilising technologies originally developed for the military, your EVOQ delivers high quality voice wherever you are, whatever the situation, with its noise cancellation, echo cancellation, automatic speech level control and acoustic shock protection features.

NOISE CANCELLATION FEATURES:

Your EVOQ distinguishes between speech (the “wanted” signal) and background noise (the “unwanted” signal) removing background noise mixed with speech and enabling you to clearly hear the voice.

The noise cancellation in your EVOQ is bi-directional – it benefits both you and the person receiving the call.

It’s highly adaptable to its surroundings, constantly re-tuning so you can move around with the voice quality remaining intact.

The noise canceller only acts when the noise is actually present – in a quiet environment, the canceller remains in a “hands-off” state without affecting pure speech.

The noise cancellation process in your EVOQ is a fast-converging, low delay technology that cuts out background noise in both incoming and outgoing channels, simultaneously.

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SPEECH LEVEL CONTROL (SLC) FEATURES:

The level controller in your EVOQ constantly monitors the level of noise in your surroundings, to compensate for any changing background noise. It then adjusts the volume control automatically. Simply set the initial volume level to suit your hearing in a quiet environment – and let your EVOQ do the rest.

The SLC process has low delay, no impact on the quality of speech, fast convergence time and a capped maximum volume level to reduce the risk of damage to your hearing.

Using Bluetooth headsets in noisy environments or at high volume levels can potentially damage your hearing.

Features such as Adaptive Noise Cancellation (ANC) and Acoustic Shock Protection (ASP) cancel the noise mixed with the incoming signal and reduce

the overall sound exposure levels received through the headset. These technologies enhance voice quality and take significant steps in reducing the risk of noise-induced hearing loss while maintaining minimum volume levels necessary for the headset to function properly. Your EVOQ is also equipped with automatic Speech Level Control (SLC), which adjusts the volume automatically depending on the ambient noise in your surroundings so that you can hear the speech more clearly. At Qstik we take hearing protection very seriously indeed and to this end we have provided a mechanism that if necessary you can disable the SLC so that you (the user) can determine the maximum volume setting suitable for your hearing. You may wish to disable the SLC if you have sensitive hearing, or have suffered from Tinnitus (symptoms are ringing in the ear), or simply wish to manually control the volume level to maximise your hearing protection.

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How to disable the automatic Speech Level Control (SLC):

You can disable the SLC during standby only, when your EVOQ is not used for conversation or listening to music. Simply press and hold the main function button together with the volume down button for 2 seconds or until the Red LED flashes 4 times to confirm SLC is inactive. Repeat the press and hold of the same buttons for 2 seconds to re-activate the SLC feature, this is confirmed by RED LED staying on for 3 seconds. Disabling the SLC does not disable other voice quality features such as noise cancellation or shock protection. Your EVOQ will remember your chosen setting for SLC through power cycling, therefore turning your headset OFF and ON again does not change your chosen setting of SLC.

ECHO CANCELLATION FEATURES:

Mobile devices such as handsets, headsets or hands-free kits can generate what is known as acoustic echo. It's often exaggerated due to the mobile network delays and can be annoying.

Your EVOQ makes use of the latest technology in echo cancellation, incorporating an Adaptive Acoustic Echo Canceller (AAEC) which is fully optimised for wireless communication.

It's highly adaptable to the changes in echo path, with its fast-converging, low delay technology constantly re-tuning and updating its digital filters to ensure optimum voice quality.

If there is no echo present, the AAEC remains in a "hands-off" state.

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BI-DIRECTIONAL ACOUSTIC SHOCK LIMITER FEATURES:

Acoustic shocks can be defined as short-duration loud sounds, such as shouts, shrieks, coughing, bangs, or any other unwanted loud sound which can potentially damage the hearing. The likelihood of hearing damage increases dramatically when shocks are closely coupled into the ear-canal, such as when using a telephone, a mobile handset or a headset.

The EVOQ's Bi-directional Acoustic Shock Limiter (B-ASL) technology is designed to protect against excessive loudness of any sound. The EVOQ's shock limiter is implemented in both incoming and outgoing directions, benefiting the user as well as the caller at the other end.

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Your EVOQ is Bluetooth version 2.0 compliant. Your EVOQ is compatible with most Bluetooth phones that support Bluetooth Headset Profile (HSP) specification. Your EVOQ also supports the A2DP (Advance Audio Distribution Profile), and the AVRCP (Audio Video Remote Control Profile) profiles for music streaming. You can use your EVOQ to listen to high quality music from a number of devices including your pc/laptop or a compatible iPod using an appropriate Bluetooth Adaptor.

Charging

Powering

Note 1: For music streaming from your pc/laptop you need: a compatible Bluetooth USB Adaptor, a compatible Bluetooth stack such as IVT BlueSoleil software stack running on Windows XP operating system, and version 10 (or above) Windows Media Player.

Note 2: For correct functionality in music mode, your music device hardware and software must support Bluetooth A2DP (Advance Audio Distribution Profile), and AVRCP (Audio Video Remote Control Profile) profiles.

Qstik offers an A2DP/AVRCP compliant music streaming USB Bluetooth Dongle that is fully interoperable with your EVOQ. Please ask your supplier for details.

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Your new EVOQ should be charged for at least 5 hours prior to first use. Subsequent charges should take up to 2.5 hours. Insert your EVOQ in to the protective charging cradle and connect to the mains adaptor. When placed in the charging cradle, a red light illuminates to indicate that the EVOQ is charging and goes out when fully charged.

Your fully-charged EVOQ gives you up to five hours



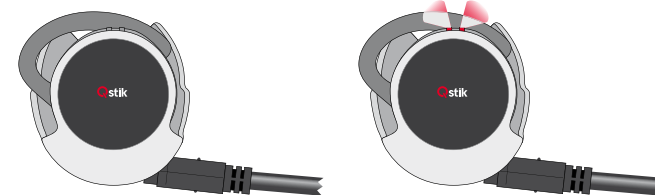
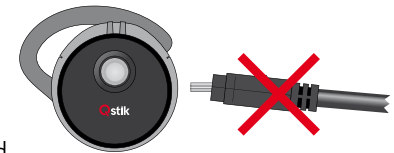
Charging

Powering

of talk time in phone mode or listening time in music mode.

Please note: your EVOQ can only

be charged in the charger cradle provided. Place your EVOQ in the charging cradle, making sure the charging contacts meet. If your EVOQ is switched off, the charging Red light takes approximately 2 seconds to turn on. Do not attempt to charge your EVOQ via the stereo ear bud headset socket. Your EVOQ may not charge completely if you choose to use a USB interface on your PC or laptop.



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Low battery warning

A slow flashing red light indicates when your battery is low and needs re-charging. When the red light starts flashing, the EVOQ has approximately twenty minutes talk time (or music streaming time) remaining. When this happens, there may not be enough power to run the noise cancellation and speech enhancement features – charging it will return your EVOQ to its full functionality.



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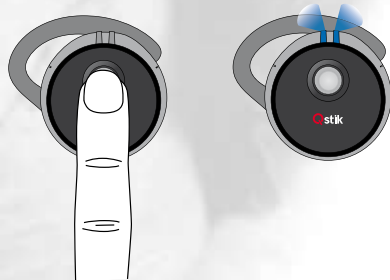
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POWERING ON

Press and immediately release the main function button. Your EVOQ will be ready for use when the status indicator light flashes blue three times repeatedly. If you are wearing your EVOQ, you will hear a beep when the power turns on. The status indicator then continues to flash blue every five seconds to confirm it is in “ready to use” mode.

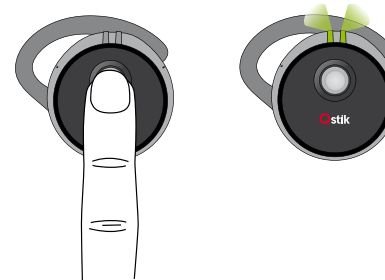


POWERING OFF

When not in use, you may wish to turn off your EVOQ to maximize battery life.

Press and hold the main function button for four seconds.

Your EVOQ will be switched off when the status indicator flashes green three times repeatedly. If you are wearing your EVOQ, you will hear a beep when it turns off. The status indicator light then remains off.



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In order to use your EVOQ with a phone or music device, it must first be “paired” with that device. Your EVOQ can be paired with a Bluetooth phone and music device at the same time but cannot simultaneously interact with more than one device at a time.

When paired with both a music device and a phone, your EVOQ will prioritise the phone over that of the music device, automatically switching to the phone when you make or receive a call. Once the call has ended, the EVOQ will revert back to the music device.

Fitting

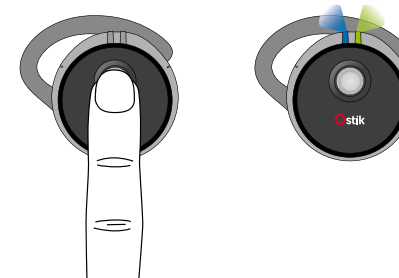
Using

POWER ON – PAIRING

Your EVOQ can be put directly into pairing mode when powered on. To power your EVOQ and go into pairing mode, press and hold the main function button for four seconds. Your EVOQ is in pairing mode when the status indicator light flashes blue and green repeatedly.

PAIRING MODE

You can also put your EVOQ into pairing mode when it is already powered on. Press and hold the main function button AND the (+) button for three seconds until the status indicator light flashes blue and green repeatedly.



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WITH A MOBILE PHONE

START WITH YOUR EVOQ POWERED OFF.

1. Press and hold the function button for four seconds until it flashes blue and green repeatedly in pairing mode. You have approximately three minutes to complete the pairing process.
2. You now need to set your mobile phone to find and pair with your EVOQ. For full instructions on how to do this, refer to your mobile phone user guide. It can normally be done via the "Bluetooth", "Setup" or "Connect" menu.
3. Your phone should now find your EVOQ and display the name "EVOQ_VQ360". Select your EVOQ and confirm your selection.

4. If asked for a PIN or password, enter "0000".
5. If successful, the status indicator light will only flash blue every five seconds, indicating "ready-to-use" mode.



Note: you can also put your EVOQ into pairing mode when it is already powered on. Press and hold the main function button AND the (+) button for three seconds until the status indicator light flashes blue and green repeatedly.

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WITH A MUSIC (A2DP) SOURCE

Your EVOQ can be paired with a Bluetooth compatible music device that supports the A2DP, and the AVRCP profiles. Start with your EVOQ powered off.

1. Press and hold the main function button for four seconds until the indicator light flashes blue and green repeatedly. You have approximately three minutes to complete the pairing process.
2. With your EVOQ in pairing mode, set your music device to find and pair your EVOQ (refer to your music streaming device manual or help function on your pc).
3. Your device should now find your EVOQ and display the name "EVOQ_VQ360". Select EVOQ and confirm your selection.

4. If asked for a PIN or password, enter "0000."
5. If successful, the status indicator light will only flash blue every five seconds, indicating "ready-to-use" mode.



Note: Once paired and successfully connected with a music device, all music will automatically be played through your EVOQ. You can listen to Stereo music by using EVOQ's accessory ear-bud headset.

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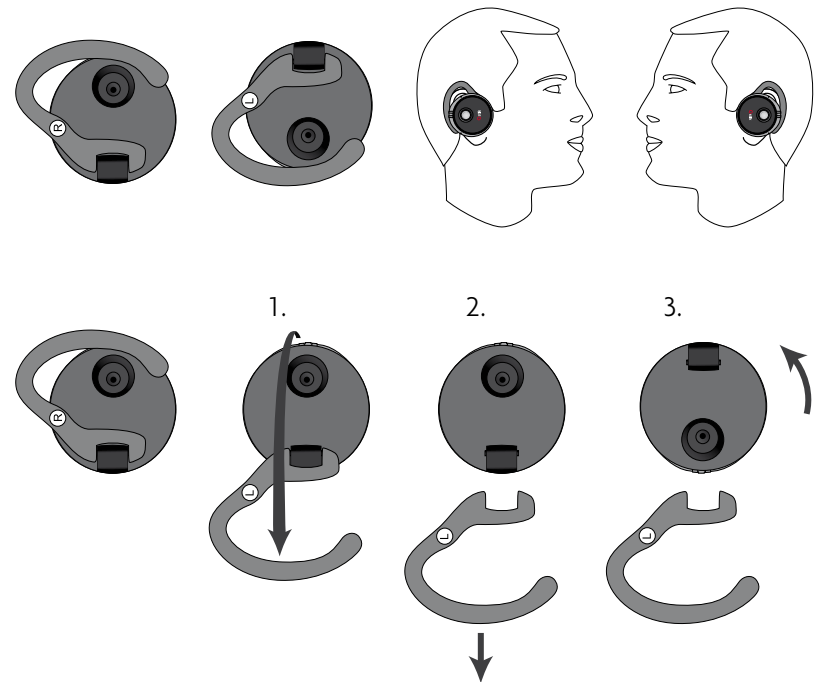
YOUR EVOQ CAN BE WORN ON EITHER EAR.

EAR HOOK

The Ear Hook should be fitted so the correct letter, whether L or R, is visible when looking at the back of your EVOQ.

To switch from left to right ear:

1. Open the Ear Hook from the headset to allow easier access.
2. Remove the Ear Hook by gripping the top of it and pulling away the upper grip from the headset.
3. Rotate your EVOQ through 180 degrees. Replace the Ear Hook making sure the lower grip is in position first.



Note: when using your EVOQ on the left ear, the up and down position of the volume buttons is reversed.

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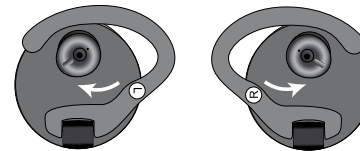
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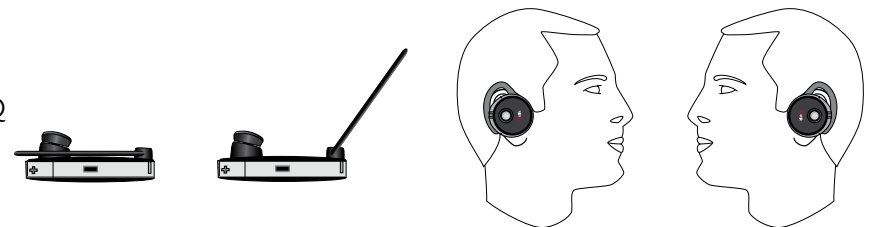
EAR TIP

This should be positioned correctly for optimum sound into your ear. Rotate the Ear Tip for left or right ear usage as illustrated opposite.



WEARING YOUR EVOQ

Open the Ear Hook to allow for easier fitting. Place the Ear Hook over your ear. Gently press your EVOQ against the ear so the Ear Tip fits inside.



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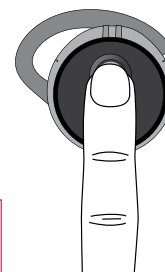
MAKING A CALL:

Using the phone's keypad, dial as normal. If your EVOQ and phone are paired and connected, the call will automatically transfer to your EVOQ.

ENDING A CALL:

Press and hold the function button for two seconds. A low pitch tune will be heard in the headset.

Note: If you were listening to music prior to the call, it will resume once you have ended the call. The time taken to revert to the audio stream may differ from phone to phone.



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ANSWERING A CALL:

Your EVOQ plays a tune and the status indicator rapidly flashes blue, indicating an incoming call. If you are listening to music, this will be interrupted, allowing you to take the call.

Action	Method
Accept incoming call	Press the function button momentarily
Reject incoming call	Press and hold the function button down for two seconds A low pitch sound will be heard in the headset

CALL WAITING:

If Call Waiting is activated on your phone, you will hear a series of bleeps when a second call comes through.

Action	Method
Accept incoming call and place original call on hold	Press the function button momentarily
Reject incoming call	Press and hold the function button for one second
To toggle between the two calls	Press the function button momentarily

Note: to make use of the call waiting functions available on your EVOQ, your phone and network provider must have call waiting activated.

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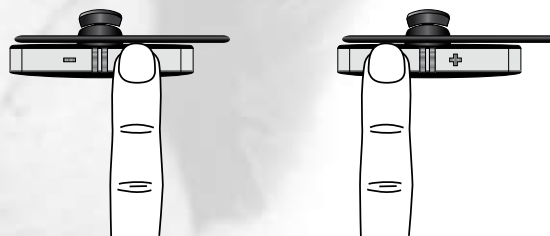
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VOLUME CONTROL:

To increase volume, press the (+) button repeatedly.
To decrease volume, repeatedly press the (-) button.
Holding the buttons continuously has no effect.

Each button press is confirmed by a short beep in the headset.

When the volume has reached the maximum or minimum, it is confirmed by a long beep, audible on the headset.



Action	Method
Increase volume	Press the (+) button momentarily
Decrease volume	Press the (-) button momentarily
Mute/Un-mute the microphone	Press the function button twice
Voice dialling	Hold the (+) and the (-) button for 2 seconds simultaneously
Re-setting	To re-set, hold all the buttons down at once.

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STATUS INDICATORS

WHAT YOU HEAR	WHAT YOU SEE	STATUS
	Flashes blue every one second	Call in progress, or music streaming
	Flashes blue every five seconds	Ready-to-use mode
	Flashes blue & green repeatedly	Pairing mode
Plays a tune	Rapidly flashes blue	Incoming call
A series of beeps		Call waiting
	Slow flashing red light	Low battery warning
	Constant red	Charging the battery



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MUSIC STREAMING FUNCTIONS (AVRCP):

When paired and connected to a music device such as an MP3 player or Bluetooth enabled computer, you can use the buttons on your EVOQ to control the following functionalities:

Note 1: Plug-in stereo headphones are available as an accessory, to effectively turn your EVOQ into a Bluetooth stereo headset.

Note 2: The remote control functions will not work properly if your music source device or application does not support the Bluetooth A2DP & AVRCP profiles.

Note 3: The music streaming may be interrupted or interfered with if: a) your EVOQ is too far from your music source; b) your EVOQ is obstructed by materials, especially metal; and c) your music source such as your PC/laptop is simultaneously supporting multiple Bluetooth devices.

Action	Method
Pause the music stream	Press the function button momentarily
Resume playback	Press the function button momentarily
Forward (Next)	Press and hold the (+) button for one second
Backward (Previous)	Press and hold the (-) button for one second
Stop	Press and hold the function button for two seconds
Volume up	Press the (+) button momentarily
Volume down	Press the (-) button momentarily

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SYMPTOM

SOLUTION

I cannot turn my EVOQ on

Check your EVOQ's battery is sufficiently charged.

My EVOQ doesn't work with my phone

Check your EVOQ is powered on.
Check your EVOQ is paired and connected to your mobile phone.
Check your phone hands-free is enabled.
Check your EVOQ was in Pairing Mode during pairing with your phone.
Ensure your EVOQ is within 10 meters (30 feet) range of your phone.

I failed to enter my PIN or password

Repeat the pairing process, making sure you enter the correct details.

I cannot get my EVOQ to charge

Check mains adaptor is switched on and properly connected to your EVOQ.
Ensure your EVOQ is correctly placed in the charging cradle, making sure the charging contacts meet. If the EVOQ is switched Off, the charging Red light takes approximately 2 seconds to turn on.

Callers cannot hear me

Check Mute function is turned off. Press the main function button twice.

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SYMPTOM

SOLUTION

I cannot hear caller/dialling tone

Check your EVOQ is switched on.
Check your EVOQ is paired and connected to your mobile phone.

I cannot get the buttons to work

Check your EVOQ is switched on.
Check your EVOQ is charged.

My EVOQ is not responding

Check your EVOQ is powered on.
Check your EVOQ is charged.
If symptom persists, you can reset your EVOQ by pressing all three main function, volume + and volume – buttons simultaneously. Then turn your EVOQ on as normal.

Music remote control functions do not work

Check your music source device and application supports the Bluetooth A2DP & AVRCP profiles.

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SYMPTOM

Caller's voice is breaking up
Music streaming is breaking up
My EVOQ produces crackling noise

SOLUTION

Check your EVOQ is within 10 meters (30 feet) range of your mobile phone /music device.
Check your EVOQ is not obstructed by materials, especially metal.
Check there is no interference from other wireless devices in the vicinity.
Check your music source such as your pc/laptop is not simultaneously supporting multiple Bluetooth devices.

My call waiting functions do not work

Check call waiting is available from your service provider, and it is activated on your mobile phone.

Note: If your EVOQ is out of range, move it closer to the Bluetooth device.

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Safety

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CERTIFICATION AND SAFETY APPROVALS:



The EVOQ is Bluetooth version 2.0 compliant. It supports the Headset Profile (HSP), the Advance Audio Distribution Profile (A2DP), and the Audio Video Remote Control Profile (AVRCP).

The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by QStik is under license.



The EVOQ is CE marked according to the provisions of the Radio equipment and Telecommunications Terminal Equipment (R&TTE) Directive (1999/5/EC). Qstik plc hereby declares that the EVOQ is in full compliance with the essential and other relevant requirements and provisions of R&TTE Directive 1999/5/EC.



This product must not be disposed of with your other household waste. It is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment (WEEE).

STORAGE:

If you wish to store your EVOQ for a period of time, then always ensure it is powered off before storage. Your EVOQ should not be stored at high temperatures, such as in very hot vehicles or under direct sunlight. High temperatures of greater than 60°C (134°F) can adversely affect battery life.

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Safety

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Legal

Federal Communications Commission

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.

The device and its antenna should not be collocated or operating in conjunction with any other antenna or transmitter.

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.

Warning: Changes or modifications made to this equipment not expressly approved by Qstik will void the user's authority to operate this equipment.

Industry Canada

Operation is subject to the following two conditions: (1) This device may not cause interference and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC:" before the certification/registration number only signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.