RK400

BLUETOOTH®
WIRELESS HEADSET
USER MANUAL
FCC ID: SF4-RK400

1 | NOTICE BEFORE USING

Thank you for purchasing the RoadKing *Bluetooth*® Headset RK400. Please read this User Manual completely before using the headset.

The RK400 is based on the latest *Bluetooth* wireless technology and is compliant with *Bluetooth* v3.0 specifications. It has built-in 2-mic CVC technology for extreme wind noise cancelling and wind noise suppression. It is capable of connecting with a *Bluetooth* wireless technology enabled phone or other *Bluetooth* wireless technology enabled device with audio gateway. Media players, Desktops and Notebook computers can be connected and paired with the Headset using a *Bluetooth* Dongle or built-in *Bluetooth* capability (if applicable).

2 | SPECIFICATION

Bluetooth Specification: v3.0

Operation Frequency: 2.402-2.48GHz

Supported Profile: .... HSP, HFP, A2DP

DSP Available: .... CVC(2-mic), WBS, SBC, Mp3, AAC, APTX

Operation Range: .... 33 ft/10 m indoor and up to 66 ft/20 m outdoor

Talk Time: .... 30 hours

Standby Time: .... 900 hours

Battery Type: .... 400mAh, 3.7V, Lithium Polymer Battery

Charge Time: .... 3 Hours

Weight: 73g

Power Supply: .... 5.0V DC and 110~240V AC Adapter

Operating Temp: .... 32 to 122°F/0 to 50°C

Storage Temp: .... 14 to 140°F/-10 to 60°C
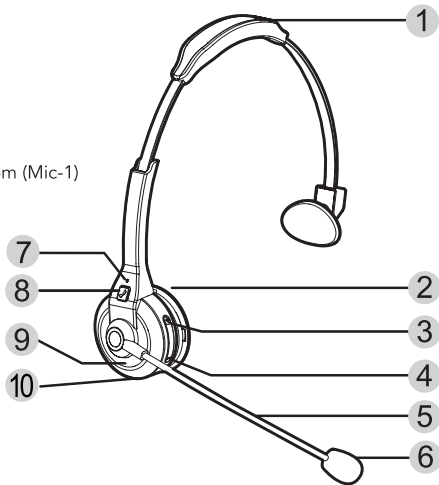
3 | PACKAGE CONTENTS LIST

Please inspect this package and refer to the package contents list below to verify all items were included in this package:

4 | RK400 *BLUETOOTH* HEADSET OVERVIEW

1. Adjustable Headband
2. Speaker
3. Volume (+)
4. Volume (-)
5. Flexible Arm
6. Windproof Microphone Boom (Mic-1)
7. Indicator Light (LED)
8. On/Off Button
9. Microphone (Mic-2)
10. Charging Socket

5 | BATTERY INFORMATION

The device is equipped with an integrated lithium-polymer battery. The battery cannot be replaced. Do not attempt to remove the battery from the device since it would damage the device. The full performance of a new battery is not achieved until after two or three complete charging/discharging cycles. The battery can be charged and discharged several hundred times, but it loses its capacity over time.

Disconnect the RK400 from the power supply as soon as the battery is fully charged; overcharging would reduce the service life of the battery. A charged battery will lose its capacity if it is not used on a regular basis. Important: Ensure that the battery is fully charged if you do not use the device for a long period of time. To avoid a complete discharge of the battery, the RK400 should be charged at least every 3 months.

6 | CHARGING THE BATTERY

The RK400 is operated with a rechargeable battery. Charge the battery completely before its first use. Read the previous section "Battery Information" before starting the charging process.

1) Connect the charger to the correct outlet.
2) When the charger is connected to the headset, the red indicator light will turn on. Charging the battery fully may take up to 3 hours.
3) When the battery is fully charged, the red indicator light will turn blue. Disconnect the charger from the headset and the outlet. The headset is ready to use.

NOTE:
• For first time use, please charge the headset fully.
• The fully charged battery has power for up to 30 hours of talk-time and music streaming time, and up to 900 hours of standby time. However, the talk and standby times may vary when used with different mobile phones or other compatible *Bluetooth* devices, usage settings, usage styles, and environments. When the battery power is low, the headset will remind you by voice prompt "Battery low" every 20 seconds, and the red indicator will start to flash.
• When using the RK400 with an iPhone,® an additional battery meter feature will be activated and the remaining battery capacity will display on your phone.

7 | PAIR TO YOUR *BLUETOOTH* PHONE

Before you use your headset the first time, you must pair the unit with a *Bluetooth* enabled mobile phone. Pairing is a one-time process and required only for the first connection with the cell phone. The RK400 can be paired with up to eight cell phones and be connected simultaneously with two cell phones.
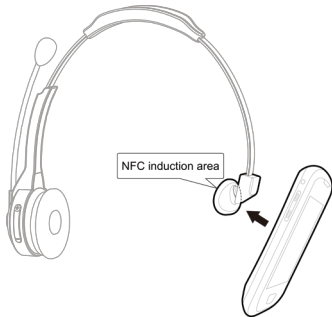
General procedure
• Keep the RK400 within range of a *Bluetooth* wireless technology enabled cell phone; the distance should not exceed 3 feet/1 meter.
• The headset must be turned off.
• Hold the On/Off button for approximately 5 seconds until you hear the voice prompt "Pairing" and the indicator light intermittently flashes red and blue. The device is now in pairing mode. The first time the headset is turned on, pairing mode should engage automatically.
• Find the *Bluetooth* setting of your cell phone and begin searching for *Bluetooth* devices. (For further details, please read the operating instructions of your cell phone.)
• From the list of devices found, select the "RK400".
• If required, enter the PIN code "0000" and confirm the entry. If the pairing process was successful, you will hear the voice prompt "Pairing successful" and the indicator lights blue for 3 seconds. (Note: The PIN code is preprogrammed and cannot be changed.)

• After pairing, the RK400 will automatically connect with the cell phone (Voice prompt: Phone connected). For some cell phones, you have to manually confirm the connection. Once paired, the headset will change to standby mode and the indicator light will flash blue every 10 seconds.

NFC Smart pairing

If your phone supports NFC, a smart pairing procedure is available. An app is necessary for NFC Smart pairing. Search and download the app "RoadKing BT" from the Google Play Store (Android Market) or Marketplace (Windows Phone).

NFC induction area

- Hold the On/Off button for approximately 5 seconds until you hear the voice prompt "Pairing" and the indicator light intermittently flashes red and blue. The device is now in pairing mode.
- Find the *Bluetooth* setting of your cell phone and turn the *Bluetooth* on. (For further details, please read the operating instructions of your cell phone.)
- Touch the NFC induction area of headset to the bottom of the phone; the phone will detect the headset and complete the pairing automatically.

NOTE:
- NFC location of the phone varies from phone to phone.
- NFC may vary slightly among phones. The phone's display screen must be on while pairing.
- If pairing is not completed within 2 minutes, the headset will turn off. If this happens, repeat the pairing process.

8 | MULTI-CONNECTION FUNCTION

The multi-connection function allows for the simultaneous use of the RK400 with two cell phones. This is an advantage for users with a personal and a business cell phone.

Establishing a connection with two cell phones
There are several options of connecting the RK400 with already paired cell phones.

- **Automatic connection:** When turning on the RK400, a connection is automatically established with the two most recently connected cell phones.

- **Establishing a connection via the RK400:** To manually establish a connection between the RK400 and the two most recently connected cell phones, press the On/Off button. The RK400 first connects itself with the most recently connected cell phone. Then it connects itself with the next most recently connected one.

- **Establishing a connection via the cell phone:** If the cell phone is not one of the two most recently connected cell phones with the RK400, you have to establish the connection via the *Bluetooth* menu of the cell phone. After successful connection, you can establish another connection with a second cell phone. This allows you to determine the sequence of connections. If two cell phones are connected with the RK400, the cell phone connected first is the first device and the other one the second device. Another connection can be established only after first disconnecting one of the two cell phones. The cell phone that is still connected afterward becomes the first device in the sequence.

  Note that voice dialing is available only for the first device and the operation for redialing the last number differs for the first and the second device. The other functions are executed the same way using the RK400 as a connection with only one cell phone.

9 | TURNING HEADSET ON/OFF

Turning on your headset

While the headset is turned off, press and hold On/Off for 3 seconds until you hear the voice prompt "Power on". The headset is now on. The Blue indicator light will be solid for 2 seconds.

Connecting to a *Bluetooth* phone

Once your headset has completed the pairing process successfully, and the headset is turned on, it will connect to the phone you last connected with automatically (voice prompt: Phone connected). Please ensure your phone's *Bluetooth* function is active.
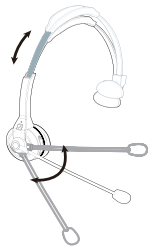
Turning off the headset

At any working state after the headset is powered on, press and hold On/Off for 5 seconds. You will hear the voice prompt "Power off", and the Red indicator light will be solid for 2 seconds. The headset has now powered off.

NOTE: To conserve power, if the headset is not connected to a device for approximately 10 minutes, the headset will turn off automatically.

10 | WEARING YOUR HEADSET

According to your preference, you can wear the headset on your left or right ear. The adjustable headband design allows for a comfortable fit.

Right ear wearing

Left ear wearing

11 | USING THE RK400

Making a call

• **Using phone's keypad:** In standby mode, dial the number on your phone's keypad to make a call.

• **Using Voice Dialing**: In standby mode, press the On/Off button quickly. You will hear a short tone from the headset, and the phone will prompt you to say the voice tag which you have already attached to your contact. If the voice tag is identified by the phone, the related number will be dialed. Please ensure that your mobile phone supports this voice dialing function, and voice tags have been set up on your mobile phone prior to attempting this. Refer to your mobile phone's user guide or contact your service provider.

NOTE: Voice dialing is available only for the first device if two cell phones are connected.

• **Last number re-dialing:** In standby mode, press the On/Off button twice. The last number you dialed will be re-dialed.

NOTE: If two cell phones are connected with the RK400, hold the Volume (-) button for 2 seconds to dial the last number of the cell phone connected previously.

Answering an incoming call

- When you receive an incoming call, press the On/Off button shortly to answer the incoming call.
- Otherwise, RK400 supports voice recognition to answer the incoming call by saying "YES".

Rejecting an incoming call

- When you receive an incoming call, press and hold On/Off button for 3 seconds to reject the incoming call.
- Otherwise, RK400 supports voice recognition to reject the incoming call by saying "NO".

Transferring a call

While a call is in progress, press and hold Volume (+) for 3 seconds. The call will be transferred from your phone to your headset. Repeating the operation can transfer the call from your headset back to your phone.

Ending a call

While on a call, press the On/Off button to end the call; you can also end the call directly from your phone.

Call-Waiting (Three-Way Calling)

Before using the Call-Waiting function on your headset, please ensure that your

phone supports this hands-free profile and you have access to the service by a wireless provider.

- If there is an incoming call while a call is in progress, press On/Off quickly. This will accept the waiting call and end the current call.
- If there is an incoming call while a call is in progress, press and hold On/Off for 3 seconds to accept the incoming call and place the current call on hold.
- While a call is on hold and you are engaged in an additional call, press On/Off quickly to end the current call and resume the call holding.
- While a call is on hold and you are engaged in an additional call, press and hold On/Off for 3 seconds to shift the current call to hold and connect you with the previously held call.
- While you are engaged in one call with another call on hold, press Volume (-) button twice to add the held call to the current conversation to make a three-way call.
- While you are engaged in a three-way call, press On/Off twice to end all calls.

Volume control
While on a call, you can adjust the volume by pressing the Volume (+) or Volume (-) button, or you can adjust the volume directly from your phone.

Mute

While a call is in progress press and hold Volume (-) button for 2 seconds; you will hear a tone from low to high. The headset's Mic is now muted. You will hear a remindful tone every 10 seconds, notifying you that your Mic is still muted and a call is still in progress. Repeat the operation and you will hear the tone from high to low. The mute function is now cancelled.

Music streaming

The RK400 supports A2DP profile that allows for wireless streaming of stereo music from a phone or other *Bluetooth* enabled music device. The music will pause automatically while a call is dialed out/incoming, and resume when the conversation has ended.

12 | RESET THE RK400

The RK400 can be paired with up to eight cell phones. You can delete the pairing list and reset the headset to the factory settings by doing the following:

• The headset must be turned on and not be connected to any cell phone or device.

• Press and hold the On/Off, Volume (+) and Volume (-) buttons simultaneously for approximately 5 seconds until the indicator light flashes red 3 times. If the pairing list was deleted, the headset will return to standby mode without connection.

13 | SAFETY AND GENERAL INFORMATION

1) Please read this User Manual carefully and follow all instructions.

2) To avoid any damage or malfunction of the device, do not drop the device from high places.

3) Keep device away from humidity, water and any other liquid. If the device is exposed to water, moisture or other liquids, do not operate it to avoid any electrical shock, explosion and damage to the device or yourself.

4) Do not place or keep this device near any heat sources, such as direct sunlight, radiators, stoves or other apparatus that produces heat. This may cause an explosion, degrade the performance and/or reduce battery life.

5) Do not modify, repair or disassemble device (especially the battery). Doing this will void the warranty.

6) Do not place heavy objects on the device.

7) Use only the supplied and approved chargers.

8) Please contact RoadKing for replacement or support of this product.

9) Unplug this device when unused for long periods of time or during lightning storms.

10) The battery used in this device may present a risk of fire or chemical burn if mishandled.

14 | FCC & IC STATEMENT

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE:
The manufacturer is not responsible for ANY interference, for example RADIO or TV interference, caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

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The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

iPhone® is a registered trademark of Apple, Inc.

15 | WARRANTY

This Limited Warranty from RoadKing, a DAS Company, applies to all electronic products and devices manufactured by RoadKing and sold under the brand name RoadKing.

Terms of the Warranty:

RoadKing warrants that the product you have purchased from a DAS authorized retailer is free from defects in materials and workmanship under normal use during the warranty period. The warranty period begins on the day of retail sale. This warranty extends only to the original purchaser. It is not transferable to anyone who subsequently receives the product. It excludes all expendable parts (fuses, filters, bulbs, etc). During the warranty period RoadKing will repair your defective product, replace it with an identical item, or at our option exchange it for an equivalent product of value and performance. This Limited Warranty does not extend to any product that has been damaged or rendered defective as a result of: an accident, misuse or abuse, as a result of an act of God, by operation outside the usage parameters stated in this manual, by modification of the product, attempted repair, or as a result of war or terrorist attack. Other limitations of this warranty exclude: payment for your lost time, loss of use of your product, or property damage caused by the product or its failure to work, or any other incidental or consequential damages including personal injury. Except as expressly set forth in this warranty statement, RoadKing makes no other warranties expressed or implied.

Defective products must be returned to the dealer within 30 days. After 30 days, the product may be returned to RoadKing.

When returning products to RoadKing: Shipping to RoadKing shall be prepaid; your replacement will be mailed back to you at no additional charge. Carefully pack product and all included accessories into a suitable box, along with original dated register receipt or invoice, a letter stating the defect, daytime phone number, and a physical return address. (UPS will not deliver to a PO Box.)

• Any package with a PO Box address will not be processed, and will be held until further notification from you.
• Make sure you can track your shipment to us. RoadKing will not be responsible for lost packages.
• RoadKing will not be responsible for damage incurred during shipment to us.
• Failure to provide a dated proof of purchase will invalidate warranty.

Ship to: RoadKing Returns, 1875 Zeager Road, Elizabethtown PA 17022

For customer assistance and technical support call 1-866-622-7979 Monday through Friday 8:00am to 5:00pm Eastern Time. Or write to: support@dasinc.com