

# ***ROADKING***<sup>®</sup>



## **OWNER'S MANUAL — RKCBBT**

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# ***ROADKING***

## **RKCBBT**

**NOTE: Features, specifications, and availability of optional accessories are all subject to change without notice.**

### **SAFETY NOTICE**

The antenna used for this radio must be properly installed and maintained and must provide a separation distance of at least 16.9 inches (43 cm) from all persons and must not be collocated or operated in conjunction with any other antenna or transmitter. Never transmit if any person is closer than the specified distance to the antenna.

Note that RoadKing® does not specify or supply any antenna with this transceiver. While a 0 dBi gain antenna is normal for a typical installation, the above limit applies to any antenna with up to 3 dBi gain.

### **EMERGENCY OPERATION**

1. Press **9/19/NORM** or turn **Channel Selector** knob to Channel 9.
2. Press **PTT** and speak clearly.
3. If there is no response, select an active channel and ask that party to relay your emergency broadcast on Channel 9.

**NOTE: All channels except Channel 9 may be used for normal communication. The FCC reserves Channel 9 for emergencies involving the immediate safety of individuals or protection of property. Use Channel 9 to render assistance to a motorist. This is an FCC rule and applies to all CB radio operators.**

### **UNPACKING**

Your RKCBBT contains the following:

- RKCBBT CB 2-way mobile radio
- Microphone
- Microphone Hanger
- Wireless PTT
- RK940 BLUETOOTH® Headset and accessories

- Owner's Manual and Quick Start Guide
- USB to MicroUSB charging cables (2)
- Mounting Bracket Kit
- DC Power Cord
- Part 95 Subpart D (FCC Rules)

If any items are missing or damaged, contact your place of purchase immediately.

## DESCRIPTION

Your RoadKing RKCBBT represents the highest quality communications device designed for use in the Citizens Band Radio Service. It will operate on any of the 40 AM frequencies authorized by the Federal Communications Commission (FCC).



**The Citizens Band Radio Service is under the jurisdiction of the Federal Communications Commission (FCC). Any adjustments or alterations which would alter the performance of the transceiver's original FCC type acceptance, or which would change the frequency determining method, are strictly prohibited.**

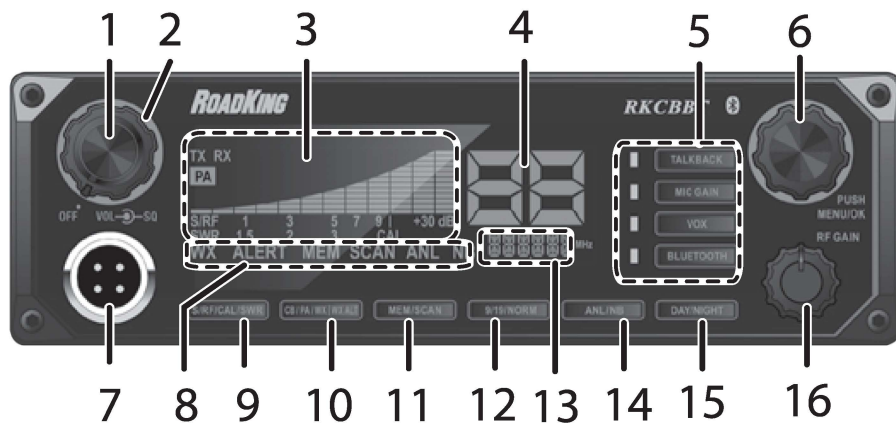
**Replacement or substitution of crystal, transistors, ICs, regulator diodes, or any other part of a unique nature, with parts other than those recommend by RoadKing, may cause violations of the technical regulations in Part 95 of the FCC Rules or in violation of type acceptance requirements in Part 2 of the rules.**

## FEATURES

- LCD Display
- Backlight Color Select (7 colors)
- Backlight Dimmer Select (15 levels)
- LCD Contrast Select (16 levels)
- DAY/NIGHT Switching
- Frequency Display
- Instant Channel9/19 Recall

- Memory (40 each channel)
- All Channel Scan
- Memory Channel Scan
- PA
- ANL-NP
- Key Beep
- Meter Select
- Talkback
- MC Gain Control
- Weather Channel Receive (WX CH)
- Weather Alert (WA)
- Weather Channel Scan
- Bluetooth Headset Connectability
- VOX (Bluetooth headset only)
- Wireless PTT Connectability
- Variable Volume Control
- Variable Squelch Control
- Variable RF Gain Control

## CONTROLS AND FUNCTIONS



1. **Volume Control** knob with **Power On/Off**. Turn the knob clockwise until it clicks to turn power on. Once power is on, continue turning the knob clockwise to increase volume. Turn the knob counterclockwise to decrease volume. Turn the knob all the way counterclockwise until it clicks to turn power off.
2. **SQUELCH** knob: Reduces background noise when there is no incoming signal. Turn the squelch knob counterclockwise to open squelch and clockwise to close it.

3. S/RF/CAL/SWR Meter: Displays Transmit/Receive signal strength, RF Power, and SWR usage. Calibrate SWR transmission power usage.
4. Channel Number display.
5. Operation keys and associated LEDs:
  - **Talkback:** Talkback lets you monitor yourself when transmitting. Press **Talkback** to activate the function (LED = on). With Talkback active, press **PTT** and adjust the volume with the **Channel Selector/MENU/OK** knob. (Levels 00 - 15, LED = RED)
  - **MIC Gain:** Press MIC Gain key to turn on MIC Gain and adjust microphone sensitivity for transmission. Delivers up to 100% modulation. With MIC Gain active, press **PTT** and adjust the gain levels with the **Channel Selector/MENU/OK** knob. There are four levels [Low Gain/00 - High Gain/04 (LED = RED)]. If no PTT or Wireless PTT action after 5 seconds, MIC Gain turns off. Press MIC Gain switch again to turn off.
6. **Channel Selector/MENU/OK** Press the inner **MENU/OK** key to select a menu option or other selection. Turn the outer **Channel Selector** knob to:
  - Select channels (Clockwise to increase from 1 - 40; counterclockwise to decrease from 40 - 1)
  - Select menu modes
  - Change scan direction (up or down)
  - Resume scanning from Scan Stay
  - Control Talkback volume
  - Control Mic Gain level
  - Control Calibration volume

**NOTE: All channels except Channel 9 may be used for normal communication. The FCC reserves Channel 9 for emergencies involving the immediate safety of individuals or protection of**

**property. Use Channel 9 to render assistance to a motorist.**

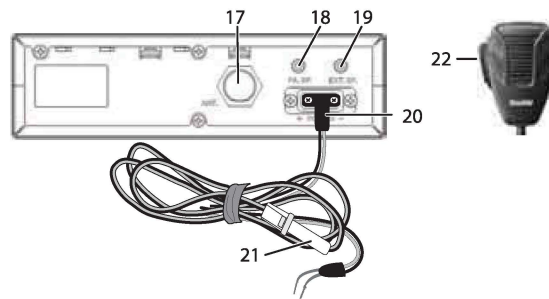
**This is an FCC rule and applies to all CB operators.**

7. Microphone socket.
8. Indicators turn on when the function is turned on.
9. **S/RF/CAL/SWR:** Push to check RF signal strength, calibration, and SWR reading.
10. **CB/PA/WX|WXALT:** Press to select **CB** (Citizens Band), **PA** (Public Address), or **WX** (Weather). Press and hold to turn WX Alert on and off.

**NOTE: Do not use the PA function unless an external speaker is connected.**

11. **MEM/SCAN:** Press to start or stop scanning modes [All Channel Scan (see page 16) and Memory Scan (see page 20)]. Press and hold to set or clear channel memory while in Memory mode.
12. **9/19/NORM:** Press to switch between emergency channel 9, channel 19, and standard CB channels.
13. Frequency Display: Displays the MHz of the selected channel. Also displays menu options.
14. **ANL/NB:** Toggles between **ANL** (Automatic Noise Limiter) feature and **NB** (Noise Blanker) feature. **ANL** reduces external noise and **NB** reduces interference from vehicle ignition systems. Each press of the switch cycles through the ON/OFF states as follows: ANL OFF/NB OFF → ANL ON/NB OFF → ANL OFF/NB ON → ANL ON/NB ON.
15. **DAY/NIGHT:** Toggles between DAY and NIGHT backlight settings. DAY or NIGHT displays on the LCD frequency indicator.
16. **RF Gain** knob: Improves reception in strong signal areas. Turn the RF Gain knob counterclockwise to adjust RF Gain down; turn it clockwise to turn up RF Gain.





- 17. Antenna socket: Connects antenna to the unit.
- 18. **PASP:** Connects optional external 8-ohm, 4-watt speaker for use as a public address system.

**NOTE: To prevent acoustic feedback, separate the microphone from the speaker when operating the PA at high output levels.**

- 19. **EXT. SP:** Connects an 8-ohm 4-watt speaker to remotely monitor the receiver.

**NOTE: When the external speaker is plugged in, the internal speaker is off.**

- 20. **POWER:** Connects DC power to transceiver.
- 21. Fuse.
- 22. **PTT:** Push-to-Talk.



- 23. Wireless PTT Status LED. Solid Red indicates power available and transmitting. Flashing Red indicated low power when transmission attempted.
- 24. **PTT:** Push-to-Talk.
- 25. MicroUSB cover. Loosen cover to reveal microUSB charging port.

## INSTALLATION

**NOTE: The wireless Bluetooth headset and the wireless PTT do not require installation. Refer to the Transmitting section, page 14, for pairing and usage information.**

### RKCBBT INSTALLATION

**NOTE: Plan the location of the transceiver and microphone bracket before beginning installation.**

1. Select a location that is convenient for operating the radio but does not interfere with the driver or passenger.
2. Install bracket with self-tapping screws provided.
3. Connect power cords (see page 10).
4. Attach the microphone bracket to side of the radio.
5. Attach radio to bracket.

### Mobile Antenna

Because the maximum power output of the transmitter is limited by the FCC, the quality of your antenna is very important. To achieve the maximum transmission distance, RoadKing strongly recommends that you install only a high quality antenna. You have just purchased a superior transceiver - don't diminish its performance by installing an inferior antenna.

Only a properly matched antenna system will allow maximum power transfer from the 50 ohm transmission line to the radiating element. Your RoadKing dealer is qualified to help you select the proper antenna for your requirements. A whip style antenna may be used for automobile installation.

A short 'loaded' whip antenna is easier to install on an automobile, but its efficiency is less than that of a full quarter-wave whip antenna.

## Power Cord Connection

RoadKing recommends connecting the power lead to the Ignition Switch Accessory Terminal. This way, the transceiver is automatically turned off when the ignition switch is turned off.

As an alternative, the power cord may be connected to an available terminal on the fuse block or to a point in the wiring harness. However, caution must be taken to prevent a short circuit. If in doubt, contact your vehicle dealer for information.

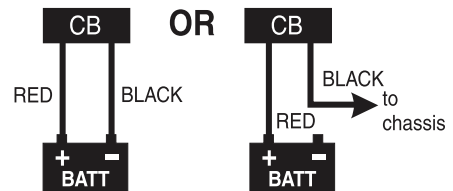
## Ground Information

**NOTE: This transceiver may be installed and used in any 12-volt DC negative ground system vehicle.**

### Negative Ground System

With a negative ground system, the negative (-) battery terminal is usually connected to the vehicle motor block.

Connect the red DC power cord from the transceiver to the positive (+) battery terminal or other convenient point. Then connect the black power cord to the vehicle chassis or negative (-) battery terminal.



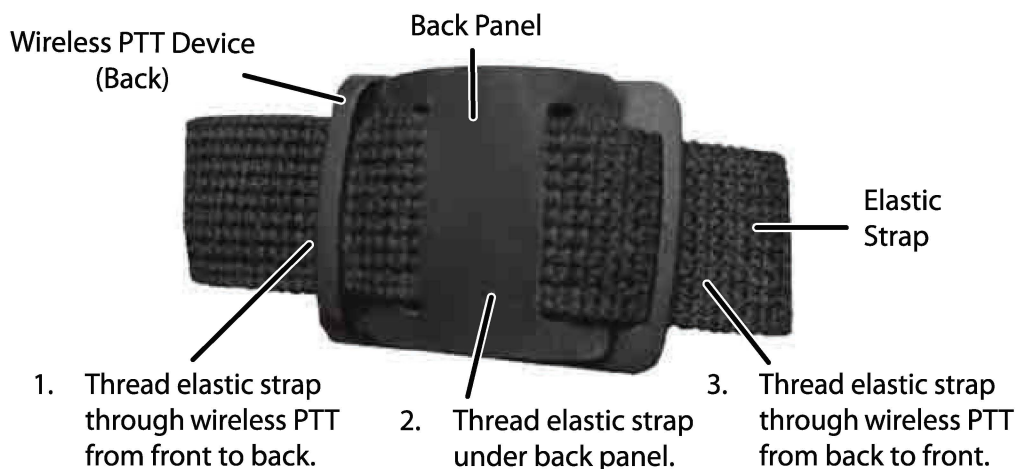
## MARINE INSTALLATION

Consult your dealer for information regarding marine installation. It is important to adequately ground the system and to prevent electrolysis between the fittings in the hull and the water.

## ASSEMBLING WIRELESS PTT

The wireless PTT device coordinates with the Bluetooth headset to provide a simple method to initiate talking. It wraps around the gear shift with an elastic hook and loop tape closure and has a PTT key in the center of the front face that can be pressed to talk (see page 10).

1. Holding the wireless PTT with the back side facing you, thread the elastic strap through the wireless PTT from the front to the back.
2. Thread the elastic strap underneath the center of the back panel
3. Thread the elastic strap through the wireless PTT from back to front.
4. Finally, wrap the wireless PTT around the gear shift head and fasten.



There is no ON/OFF key or switch for the wireless PTT key. It is always ON. When the battery level drops, the status LED flashes when the PTT key is pressed.

***NOTE: When fully charged, the PTT battery lasts a year.***

## USING YOUR RKCBBT

**NOTE: Be sure that the power source, antenna, and microphone are properly connected before proceeding.**

### BASIC SETUP

1. Turn unit on. Set volume to a comfortable level.
2. Select channel.
3. Set noise limitations as desired (**ANL/NB**).

4. Adjust Squelch.
  - Turn **SQUELCH** fully clockwise so only strong signals can get through.
  - Turn **SQUELCH** fully counterclockwise until you hear a hiss. Everything gets through - noise, weak signals, and strong signals.
  - Turn **SQUELCH** back clockwise until the hiss stops. Only clearer signals get through.

**NOTE: Set SQUELCH only when the radio is not receiving a strong signal.**

5. Turn **RF Gain** to set RF gain sensitivity.
6. Press **MIC Gain** to toggle microphone sensitivity between High and Low. (LED on = High; LED off = Low)
7. Set Backlight color (see page 21).
8. Set LCD Contrast (see page 21).
9. Set Brightness (see page 22).

## **TRANSMITTING**

Use the 4-pin microphone, the Bluetooth headset, or the wireless PTT paired with the Bluetooth headset to communicate with other parties.

### **Using the 4-Pin Microphone**

Press **PTT** to transmit. Release *PTT* to listen to responses.

### **Setting Up the RK940 Bluetooth Headset**

**NOTE: This RKCBBT Owner's Manual provides basic installation, pairing, and usage procedures. Refer to the RKING940 Owner's Guide for Bluetooth headset details.**

1. Charge the Bluetooth headset:
  - Connect the charger to the correct outlet. The status LED turns RED.
  - When fully charged (up to 3 hours), the status LED turns BLUE.
  - Disconnect the headset from the charger and the charger from the outlet. The headset is now ready to use.

2. Pair to Bluetooth-enabled device.

**NOTE: When pairing, stay within range of the Bluetooth-enabled device you are pairing to (no more than 3 feet away).**

- Verify that the headset is turned off.
- Hold the **ON/OFF** key for approximately 5 seconds. Power On sounds and the status light flashes between RED and BLUE.
- Find the Bluetooth settings and search for your headset on the device list. Select *RKING940*.
- If required, enter PIN code 0000 and confirm.
- If pairing is successful, the voice prompt “Connected” sounds and the status LED turns BLUE for 1 second.

## Setting Up Wireless PTT

The Wireless PTT coordinates with the Bluetooth headset to provide a simple method is a wireless device that wraps around a finger (usually the index finger) with a hook and loop tape closure. It has a PTT key in the center of the front face that can be pressed to talk (see page 10).

There is no ON/OFF key or switch for the wireless PTT key. It is always ON until the battery level drops. When it drops, the status LED flashes when the PTT key is pressed.

### Pairing Wireless PTT to Bluetooth Headset

1. Power off the RKCBBT unit, then power it back on. If Bluetooth is on, turn it off.
2. Press and hold BLUETOOTH for 4 seconds. The CB enters pairing mode and the blue and red Bluetooth LEDs blink.
3. Place the headset in pairing mode. See “Pair to Bluetooth-Enabled Device” operation in previous section. When paired to the headset, the CB Bluetooth LED is solid Red.
4. Press and hold the wireless PTT’s PTT key. When pairing is complete, the Bluetooth LED is solid blue.

## OPERATING MODES

There are three operating modes:

- CB (including VOX mode)

- Weather
- Menu

## CB Mode

CB mode lets you transmit and receive on up to 40 channels. You can scan channels (in CB mode and Memory mode) as well as use VOX to monitor and adjust transmission quality.

## Scan Mode

There are three scanning modes in the RKCBBT:

- All Channel Scan. The radio scans channels until it receives a signal. It will move to the next channel if no signal is received after 3 seconds.
- Memory (MEM) Mode. Save channels to memory; only those channels can be selected by the Channel Selector.
- Memory Channel Scan. Only channels saved to memory are scanned.

Press **MEM/SCAN** to scan the modes as follows: CB Mode → MEM Tune Mode → All Channel Scan Mode → Memory Channel Scan Mode → CB Mode.

## All Channel Scan

1. In CB mode, press **MEM/SCAN** once. *SCAN* displays.
2. The radio begins scanning upward through the channels.
  - To skip the channel the radio has stopped on, turn **Channel Selector** clockwise to move to the next channel or counter-clockwise to move to the previous channel. The radio continues scanning in the selected direction.
  - To change to Memory Channel Scan mode, press **MEM/SCAN** while in All Channel Scan mode (see page 20).
3. To exit All Channel Scan mode, press **PTT, 9/19/NORM, WEATHER** or **CB/PA**

## MEM Tune Scan

1. In CB mode, press **MEM/SCAN** twice *MEM* displays.
2. Use the SELECTOR knob to scroll through channels saved to memory.

**NOTE: You can clear channels saved to memory but you cannot add any new channels to memory.**

3. To exit MEM Tune Scan mode, press **PTT, 9/19/NORM, WEATHER,** or **CB/PA**

## **MEM Scan**

1. In CB mode, press **MEM/SCAN** three times. *MEM* and *SCAN* display and the radio begins scanning upward through the channels saved to memory.
2. If the radio detects a transmission on one of the channels saved to memory, it will stop on that channel. To skip the channel the radio has stopped on, turn **Channel Selector** clockwise to move to the next channel or counter-clockwise to move to the previous channel. The radio continues scanning in the selected direction.
3. To cancel MEM SCAN mode, press **MEM SCAN** again or press **PTT, Wireless PTT, 9/19/NORM, CB/PA/WX,** or turn VOX on.

**NOTE: You can clear channels saved to memory but you cannot add any new channels to memory.**

## **VOX**

In CB mode, press and hold VOX key to enter the VOX menu.

- VOX Sensitivity
- Anti VOX level
- VOX Delay Time

**NOTE: The VOX Sensitivity menu opens automatically.**

## **VOX Sensitivity**

This menu coordinates VOX microphone sensitivity for VOX transmission. It senses audio and switches to transmit mode.

1. Press **VOX**; *V-SENS* displays in the Frequency Indicator and the current level displays in the Channel Indicator.
2. Rotate the Selector knob to cycle through the Vox Sensitivity levels (Level 1 = High Sensitivity through Level 9 = Low Sensitivity).



3. Press **MENU/OK** or **VOX** to save the selected level to Memory and display the next menu item.

### Anti-VOX Level

If you receive background audio that is loud enough, it may activate the VOX and trigger transmission. Anti-VOX decreases VOX sensitivity.

1. Press **VOX**; *V-ANTI* displays in the Frequency Indicator and the current level displays in the Channel Indicator.
2. Rotate the Selector knob to cycle through the Anti-VOX levels [Levels are Off and 01(high) through 20 (Low)].
3. Press **MENU/OK** or **VOX** to save the selected level to Memory and display the next menu item.

### VOX Delay Time

VOX Delay Time is the time between the end of microphone input (speaking into the microphone) and the end of VOX transmission.

1. Press **VOX**; *V-DELY* displays in the Frequency Indicator and the current level displays in the Channel Indicator.
2. Rotate the Selector knob to cycle through the VOX Delay Time levels:

DISPLAY	DELAY TIME	DISPLAY	DELAY TIME
t1	0.2 sec	t6	1.2 sec
t2	0.4 sec	t7	1.5 sec
t3	0.6 sec	t8	2.0 sec
t4	0.8 sec	t9	3.0 sec
t5	1.0 sec		

3. Press **MENU/OK** or **VOX** to save the selected level to Memory and return to CB mode.

### Weather Mode (WX mode)

Your radio combines a CB radio with a Weather radio and a Weather Alert system. The Weather Alert system sounds a seven-second signal in the event of severe weather when you are in CB mode. The Weather radio

continually broadcasts weather conditions when you are in Weather mode.

1. Press **CB/PA/WX|WXALT** until WX icon displays.
2. Rotate the **Channel Selector** knob to cycle through the 7 weather channels. Press the knob to select that WX channel. The channel number displays in the channel number area (1 - 7) and that frequency displays in the frequency block.

**NOTE: When in WX mode, AN/NB, Talkback, MIC GAIN, SRF/CAL/SWR, and VOX options are not accepted. An error tone sounds if attempted.**

**NOTE: You cannot change ANL or NB settings while in WX mode. The radio will sound an alert tone.**

### **Set Weather Scan Mode**

Weather Scan mode allows the radio to move to the next weather channel if no signal is detected after 3 seconds. Set Weather Scan mode to ON or OFF through the menus.

1. Press **MENU/OK** to activate the menus. *D-COLOR* displays.
2. Turn the **Channel Selector** knob to cycle through the menu options until *WXSCAN* displays.
3. Press **MENU/OK**. *ON* displays.
4. Press **MENU/OK** to set Weather Scan mode to ON or turn the selection knob until *OFF* displays and then press **MENU/OK** to set it. *WXSCAN* displays again.

**NOTE: If Weather Scan is ON when you turn on radio, it remains ON.**

Left at these setting (WX mode, WX Scan), you will hear only weather broadcasts and Weather Alert signals. To use your CB radio normally while monitoring weather alerts, press **WEATHER** again.

### **Set Weather Alert Mode**

Weather Alert mode only operates when you are in CB and PA modes; it does not operate in Weather mode. In CB and PA modes, the radio sounds an alert tone when it detects a 1050Hz tone on a weather channel.

Press and hold **CB/PA/WX|WXALT** for one second to turn Weather Alert on. The WX LED turns on.

## **MEMORY Mode (MEM MODE)**

You can select channels to store into memory and then scan only those channels. You can also clear channels from memory.

**NOTE: There must be channels saved into memory in order for MEM SCAN to work.**

### **Save Channels Into Memory**

1. Tune to a channel in CB mode.
2. Press and hold **MEM/SCAN** until *SAVE* appears (about 2 seconds).
3. Release **MEM/SCAN**.
4. The radio stays on the saved channel.

### **Scan Channels in Memory**

1. From All Channel Scan mode (see page 16), press **MEM/SCAN** until *MEM SCAN* displays; the radio scans memory channels only.
2. Press **MEM/SCAN** again to return to Memory mode or the last channel scanned.

### **Listen to Channels in Memory**

1. Press **MEM/SCAN** until *MEM* displays.
2. Turn the **Channel Selector** knob and only saved channels will be heard.

### **Clear Channels from Memory**

1. In Memory mode, select a channel.
2. Press and hold **MEM/SCAN** until *CLEAR* displays.
3. Release **MEM/SCAN**. The radio plays the next channel in memory.

## **MENU Mode**

Access menus by pressing **MENU/OK**. The first menu, *COLOR*, displays. Turn the Channel Selector knob to cycle through the other menus:

- LCD COLOR (DAY) - Backlight color
- LCD CONT (DAY)- LCD Contrast
- LCD BRIGHT (DAY) - Brightness
- LCD COLOR (NIGHT) - Backlight color
- LCD CONT (NIGHT)- LCD Contrast
- LCD BRIGHT (NIGHT) - Brightness
- WXSCAN - Weather Scan mode (OFF/ON)
- BEEP - KEYBEEP (ON/OFF)

### Select Backlight Color

1. Press **MENU/OK** to activate the menus. Continue pressing **MENU/OK** until *D-COLO* (for day) or *N-COLO* (for night) displays.
2. Turn **Channel Selector** to cycle through the seven colors:

NUMBER	COLOR
1	Blue
2	Green
3	Cyan
4	Red
5	Magenta
6	Yellow
7	White

**NOTE: As you scroll through the available backlight colors, the LCD changes to that color.**

3. Press **MENU/OK** to select the color. The next menu item displays.
4. Repeat these procedures to set the NIGHT backlight color.

### Set LCD Contrast

1. Press **MENU/OK** until *D-CONT* (Day-Contrast) or *N-CONT* (Night-Contrast) displays. The current contrast level displays on the Channel Indicator (0 - 15).
2. Turn **Channel Selector** to cycle through the contrast options. The LCD reflects the contrast options as you cycle through them.
3. Press **MENU/OK**; the radio stores the brightness level in memory and the next menu option displays.

## Set Brightness

1. Press **MENU/OK** until *D-BRIG* (Day-Brightness) or *N-BRIG* (Night-Brightness) displays. The current brightness level displays on the Channel Indicator (1 - 15).
2. Turn **Channel Selector** to cycle through the brightness options. The LCD reflects the brightness options as you cycle through them.
3. Press **MENU/OK**; the radio stores the brightness level in memory and the next menu option displays.

## Set WX Scan

1. Press **MENU/OK** several times until WXSCAN displays on the Frequency Indicator and the current status (ON, OFF) displays on the Channel Indicator.
2. Scanning WX channels begins when WXSCAN is turned on, or ends when WXSCAN is turned off.

## Set Beep Tone

1. Press **MENU/OK** several times until BEEP displays on the Frequency Indicator and the current status (ON, OFF) displays on the Channel Indicator.
2. Turn **Channel Selector** to turn Beep Tone on and off.

**NOTE: WX Alert tone sounds even if Beep tone is set to OFF.**

## OTHER FEATURES

### EMERGENCY CHANNEL 9/19

Press the **9/19/NORM** key to immediately receive emergency channels 9 and 19 and then return to the prior CB channel. Each press of **9/19/NORM** changes the CB channel as follows: Normal mode CB channel → Emergency CH9 (*CH9* displays) → Emergency CH19 (*CH19* displays) → Normal Mode CB channel (previous CB channel number displays).

Press **CB/PA/WX** or **MEM/SCAN**, or turn the channel selector knob, to cancel emergency channel 9/19 mode.

## **S/RF/CAL/SWR METER**

This meter measures the antenna's Standing Wave Ratio (SWR) to check the antenna system or to indicate that the antenna needs adjusting to the proper length.

Press **S/RF/CAL/SWR** to cycle through meter functions or transmitting and receiving (incoming and outgoing signal strength and wattage). The 12-column LCD display (refer to item number 3 on page 7) displays this data. Press **S/RF/CAL/SWR** to cycle through the functions as follows: S/RF Meter → CAL Meter → SWR Meter.

Press and hold **PTT** on the microphone to see the RF output power levels. Release **PTT** to see incoming signal strength.

### **Calibrate Standing Wave Ratio (SWR)**

Check and calibrate the SWR to ensure that you are using power effectively.

1. Press **S/RF/CAL/SWR** until *CAL* appears.
2. Press and hold **PTT**/wireless PTT. Turn the volume knob until the bar graph and the | indicator are in the same position.
3. Keeping the PTT and wireless PTT pressed, press the **S/RF/CAL/SWR** key again until the SWR icon displays.
4. Note the SWR reading and release **PTT**. If the reading is  $>1.5$ , follow your antenna's instructions to adjust the antenna length. Then, repeat this procedure.

## **TALKBACK**

Turn Talkback ON to hear your own voice through the radio's speaker when transmitting. If Talkback is on and PTT is not pressed in 5 seconds, PTT turns off. Rotate the Volume knob while PTT is active to adjust Talkback volume.

## PUBLIC ADDRESS SPEAKER (OPTIONAL)

Your radio is capable of connecting the PA.SP jack on the back panel (labeled PS.SP) to an optional external 8-ohm, 4-watt speaker. Internal and external speakers are mute while the PA is active.

**NOTE: The only switches that are operational when PA is on are PTT, Wireless PTT, CH Select, CB/PA/WX, DAY/NIGHT, 9/19/NORM, ANL/NB, and Bluetooth.**

1. Press **CB/PA/WX** key until PA displays.
2. Press **PTT** on the microphone, the headset microphone, or the wireless PTT switch to transmit through the PA speaker. PA displays on the channel indicator as well as the PA icon.

## MAINTENANCE

The RKCBBT is designed to give you years of trouble-free service. There are no user-serviceable parts inside. Except for the fuse in the DC power cord, no maintenance is required.

To replace a blown fuse:

1. Press ends of the fuse holder together. Twist to open. Carefully separate the two pieces.
2. Remove the fuse and inspect. If blown, replace with the same type fuse.

**NOTE: Use only the fuse specified for your RKCBBT. Failure to do so may void the warranty.**

## PREVENTIVE MAINTENANCE

Every six months:

1. Check the SWR.
2. Be sure all electrical connections are tight.
3. Inspect antenna coaxial cable for wear or breaks in shielding.
4. Be sure all screws and mounting hardware are tight.

## TROUBLESHOOTING

In the event of system malfunction, perform the following procedures:

Problem	Suggestion
Unit does not power up	Check power cord connections. Check fuse. Check vehicle electrical system.
No reception	Check microphone connection. Set <b>CB/PA</b> to <b>CB</b> . Check <b>VOLUME</b> and <b>SQUELCH</b> Check antenna. Check antenna connection. Adjust <b>RF Gain</b> .
Poor Reception	Check <b>VOLUME</b> and <b>SQUELCH</b> Be sure antenna <b>SWR</b> is normal. Adjust <b>RF Gain</b> .
No Transmission	Set <b>CB/PA</b> switch to <b>CB</b> . Check microphone connection. Adjust <b>MIC Gain</b> .
Low Transmission	Adjust <b>MIC Gain</b> .
Using <b>MEM/SCAN</b> does not access channels in memory	Verify that there are channels saved into memory.
Unit does not work as well as previously.	Turn the power off then back on. The channels will reset.
Battery power check returned <i>FAILLO</i> or <i>FAILHI</i> .	Make sure your power wires have a good connection. Check your battery charge; it needs to be fully charged. Lower voltage will cause a failure. Check your alternator.
Antenna check returned <i>FAIL</i> .	Make sure your antenna ground is good. Check for damage to the antenna. Check the SWRs at a CB shop. High SWRs will damage the radio.
RF power diagnosis check returned <i>FAIL</i> .	Make sure your antenna ground is good. Check for damage to your antenna. Check the antenna connection on the back of the radio. Be sure it is tight.

If you do not get satisfactory results after performing the above checks, call the RoadKing Customer Service Center at 1-866-622-7979, 8:00 a.m. to 4:00 p.m. EST, Monday through Friday.



## SERVICING YOUR TRANSCEIVER

It is the user's responsibility to see that this radio is operating at all times in accordance with the FCC Citizens Radio Service regulations. We highly recommend that you consult a qualified radio/telephone technician for servicing and aligning this CB radio product.

**NOTE: When ordering parts, be sure to specify the correct model number and serial number of the unit.**

## SPECIFICATIONS

### GENERAL

Channel:	40
Frequency Range:	26.965 - 27.405 MHz
Frequency Control:	PLL Synthesizer
Antenna Impedance:	50 ohms
Power Input:	13.8VDC
Current Drain:	
TX:	AM Full Modulation: 2.2A (max)
RX:	At no signal: 650mA
Operating Temperature:	-22°F to 140°F (-30°C to 60°C)
Accessories:	DC Power Cord USB to MicroUSB charging cord (2) Microphone Microphone Hanger Bluetooth Headset accessories Mounting Bracket Owner's Manual Part 95 Subpart D (FCC Rules)
Size (W x D x H):	7.25 in. x 7.5 in. x 2.25 in. (without knobs and jacks) (184.149 mm x 190.50 mm x 57.15 mm)
Weight:	2.2 Pounds
TRANSMITTER	
Output Power:	4 watts
Emission Type:	6A3
Hum and Noise:	Better than 40 dB
Frequency Tolerance:	±0.002%

Modulation Percentage (Peak):	100%
Spurious Rejection:	-70 dB
Output Impedance:	50 ohm, unbalanced

#### RECEIVER

Sensitivity at 10 dB S+N/N:	0.5 $\mu$ V
Sensitivity at 500 mW Audio Output:	0.5 $\mu$ V
Squelch Threshold:	0.5 $\mu$ V
Antenna Impedance:	50 ohms
Squelch Tight:	1000 $\mu$ V
Signal Meter S-9:	100 $\mu$ V
Audio Output Power (max.):	5 watts
Audio Output (10% Dist.):	4 watts
Adjacent Channel Rejection:	55dB
Image Rejection:	65dB
Internal Speaker Impedance:	16 ohms
External Speaker Impedance:	8 ohms

#### **PUBLIC ADDRESS**

Output Power at 10% Distortion:	4 watts
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**NOTE: Specifications shown are typical and subject to change without notice.**

## FCC PART 15 & IC COMPLIANCE

### HEADSET

Model: RKING940  
IC: 9025A-RKING940

### FCC PART 15 COMPLIANCE

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.

**NOTE:** 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.

#### FCC 20 CM STATEMENT

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## IC COMPLIANCE

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

#### IC 20CM STATEMENT

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

## CHANNEL FREQUENCIES

**CB**

CH NO	FREQ (MHZ)	AM RX	AM TX
1	26.965	0	0
2	26.975	0	0
3	26.985	0	0
4	27.005	0	0
5	27.015	0	0
6	27.025	0	0
7	27.035	0	0
8	27.055	0	0
9	27.065	0	0
10	27.075	0	0
11	27.085	0	0
12	27.105	0	0
13	27.115	0	0
14	27.125	0	0
15	27.135	0	0
16	27.155	0	0
17	27.165	0	0
18	27.175	0	0
19	27.185	0	0
20	27.205	0	0
21	27.215	0	0
22	27.225	0	0
23	27.255	0	0
24	27.235	0	0
25	27.245	0	0
26	27.265	0	0

CH NO	FREQ (MHZ)	AM RX	AM TX
27	27.275	O	O
28	27.285	O	O
29	27.295	O	O
30	27.305	O	O
31	27.315	O	O
32	27.325	O	O
33	27.335	O	O
34	27.345	O	O
35	27.355	O	O
36	27.365	O	O
37	27.375	O	O
38	27.385	O	O
39	27.395	O	O
40	27.405	O	O

## WEATHER CHANNEL

CH NO	FREQ (MHZ)	FM RX	AM TX
WX01	162.550	O	---
WX02	162.400	O	---
WX03	162.475	O	---
WX04	162.425	O	---
WX05	162.450	O	---
WX06	162.500	O	---
WX07	162.525	O	---
WX08	161.650	---	---
WX09	161.775	---	---
WX10	163.275	---	---

## RADIO CODE DEFINITIONS

The following list contains common “10-Codes” used by CB radio operators for faster communication and better understanding.

Code	Meaning	Code	Meaning
10-1	Received poorly	10-34	Trouble at this station
10-2	Receiving well	10-35	Confidential information
10-3	Stop transmitting	10-36	Correct time is
10-4	OK, message received	10-37	Wrecker needed at
10-5	Relay message	10-38	Ambulance needed at
10-6	Busy, stand by	10-39	Your message is delivered
10-7	Out of service, leaving air	10-41	Please turn to channel
10-8	In service, subject to call	10-42	Traffic accident at
10-9	Repeat message	10-43	Traffic tie up at
10-10	Transmission completed, standing by	10-44	I have a message for you
10-11	Talking too rapidly	10-45	All units within range please report
10-12	Visitors present	10-50	Break channel
10-13	Advise Weather/ Road conditions	10-60	What is next message number
10-16	Make pickup at	10-62	Unable to copy, use phone
10-17	Urgent business	10-63	Net directed to
10-18	Anything for us?	10-64	Net clear
10-19	Nothing for you, return to base	10-65	Awaiting your next message/ assignment
10-20	My location is	10-67	All units comply
10-21	Call by telephone	10-70	Fire at
10-22	Report in person to	10-71	Proceed with transmission in sequence
10-23	Stand by	10-77	Negative contact
10-24	Completed last assignment	10-81	Reserve hotel room for
10-25	Can you contact	10-82	Reserve room for
10-26	Disregard last information	10-84	My telephone number is

Code	Meaning	Code	Meaning
10-27	I am moving to channel	10-85	My address is
10-28	Identify your station	10-91	Talk closer to microphone
10-29	Time is up for contact	10-93	Check my frequency on this channel
10-30	Does not conform to FCC rules	10-94	Please give me a long count
10-32	I will give you a radio check	10-99	Mission completed, all units secure
10-33	EMERGENCY TRAFFIC	10-200	Police needed at

## SAVE YOUR RECEIPT

Your new purchase is covered by the RoadKing One-Year Limited Warranty.

Visit [www.roadprobrands.com](http://www.roadprobrands.com) for warranty details

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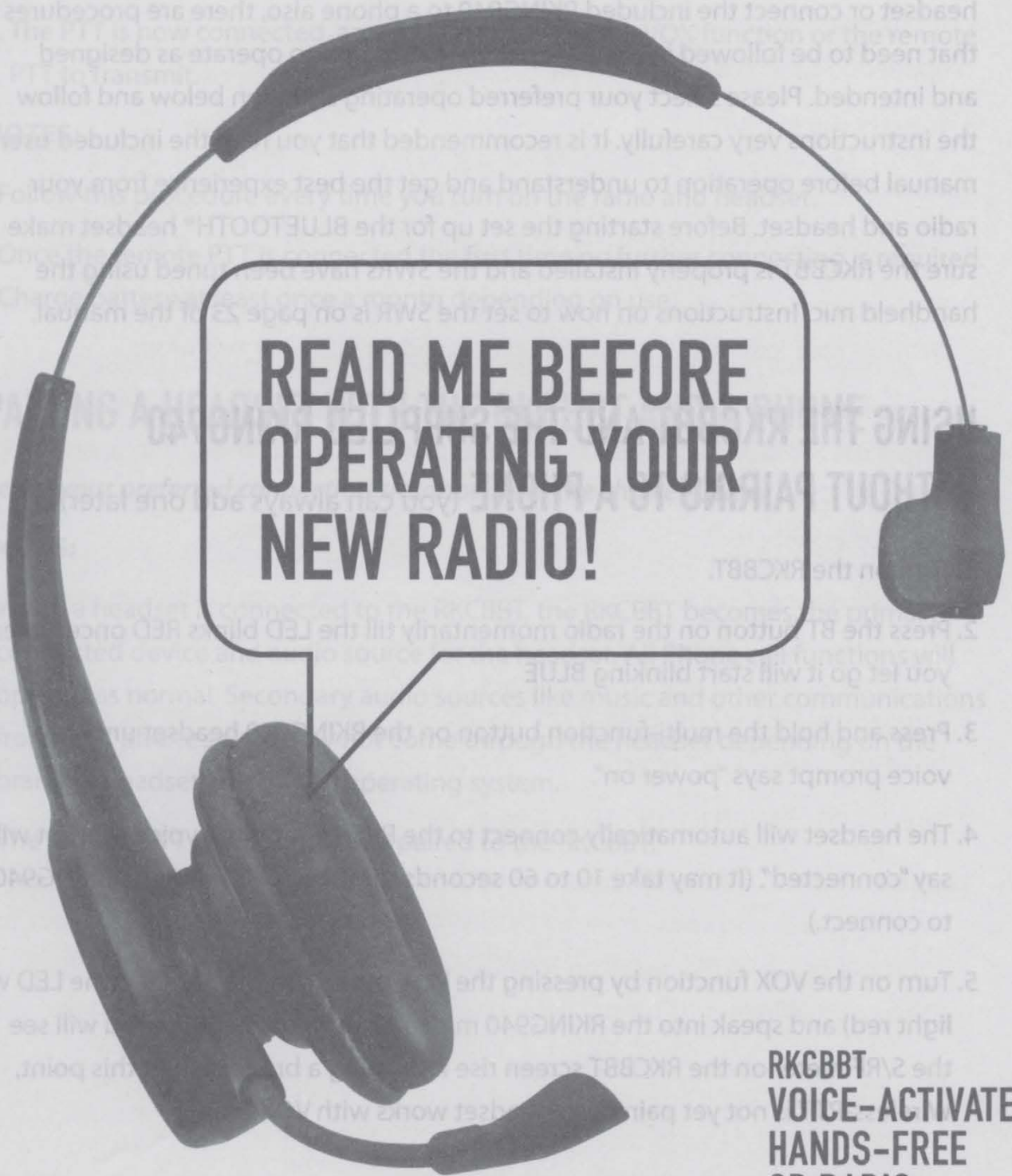
**WARNING:** This product cab expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects and/or other reproductive harm. For more information go to **[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**.

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**ROADKING**

# QUICK START GUIDE



**READ ME BEFORE  
OPERATING YOUR  
NEW RADIO!**

**RKCBBT  
VOICE-ACTIVATED  
HANDS-FREE  
CB RADIO**

U69UT427ZZZ(0)

**DO NOT RETURN THIS RADIO TO THE STORE  
WITHOUT CALLING TECHNICAL SUPPORT FIRST.**

Your new RKCBBT radio is ready to use "out of the box" and is paired with the included RKING940 headset and wireless PTT. However, if you wish to use your own headset or connect the included RKING940 to a phone also, there are procedures that need to be followed in a specific order for the unit to operate as designed and intended. Please select your preferred operating situation below and follow the instructions very carefully. It is recommended that you read the included user manual before operation to understand and get the best experience from your radio and headset. Before starting the set up for the BLUETOOTH® headset make sure the RKCBBT is properly installed and the SWRs have been tuned using the handheld mic. Instructions on how to set the SWR is on page 23 of the manual.

## **USING THE RKCBBT AND THE SUPPLIED RKING940 WITHOUT PAIRING TO A PHONE** (you can always add one later)

1. Turn on the RKCBBT.
2. Press the BT button on the radio momentarily till the LED blinks RED once, when you let go it will start blinking BLUE
3. Press and hold the multi-function button on the RKING940 headset until the voice prompt says "power on".
4. The headset will automatically connect to the RKCBBT and the voice prompt will say "connected". (It may take 10 to 60 seconds for the RKCBBT and the RKING940 to connect.)
5. Turn on the VOX function by pressing the VOX button on the RKCBBT (the LED will light red) and speak into the RKING940 mic to confirm connection. You will see the S/RF meter on the RKCBBT screen rise indicating a broadcast. At this point, Wireless-PTT is not yet paired, so Headset works with VOX only.

6. Press the button on the Wireless-PTT. The flashing RED BLUETOOTH® LED on the RKCBBT stops and changes to blue and stays lit.
7. Press the PTT button speak into the RKING940 mic to confirm connection. You will see the S/RF meter on the RKCBBT screen rise indicating a broadcast and may also hear yourself if you are using the "talkback" function. (It is not recommended to use the talk back function when using the VOX option as the talk back can trip the VOX mic and interrupt reception.)
8. The PTT is now connected, and you can now use the VOX function or the remote PTT to transmit.

#### **NOTES:**

- Follow this procedure every time you turn on the radio and headset.
- Once the remote PTT is connected the first time no further connecting is required. Charge battery at least once a month depending on use.

## **PAIRING A HEADSET WITH THE RKCBBT AND A PHONE**

*Select your preferred connection situation from the choices below*

#### **NOTES:**

- When a headset is connected to the RKCBBT, the RKCBBT becomes the primary connected device and audio source for the headset. All Phone call functions will operate as normal. Secondary audio sources like music and other communications from your phone's apps may not come through the headset depending on the brand of headset and phone operating system.
- The remote PTT switch is already paired to the RKCBBT.

# FIRST TIME PAIRING CONNECTION TO THE RKCBBT AND A PHONE USING THE SUPPLIED RKING940 HEADSET OR A CUSTOMER OWNED HEADSET WITH A BLUETOOTH® VERSION OF 5.0 OR HIGHER.

## NOTE:

- The supplied RKING940 and wireless PTT are already paired to the supplied RKCBBT radio.
1. Turn off the RKCBBT.
  2. Turn off the RKING940.
  3. Turn off BLUETOOTH® function on the phone.
  4. Press and hold the multi-function button on the RKING940 headset until the headset says "pairing mode", the LED on headset will blink red/blue.
  5. Turn on the BLUETOOTH® function on the phone and look for the RKING940, select the RKING940 to connect it to your phone. If asked, enter the code "0000" or "8888". The headset will give the voice prompt "connected".
  6. Confirm connection to the phone by placing a call or some other means.
  7. Turn on the RKCBBT.
  8. Press the BLUETOOTH® button on the RKCBBT radio. After 5 to 20 seconds the headset will say "connected".
  9. The RKCBBT BLUETOOTH® LED will flash "red".
  10. Turn on the VOX function by pressing the VOX button on the RKCBBT (the LED will light red) and speak into the RKING940 headset mic to confirm connection. You will see the S/RF meter on the RKCBBT screen rise indicating a broadcast. At this point, Wireless-PTT is not yet paired, so Headset works with VOX only.

11. Press the button on the Wireless-PTT. The flashing RED BLUETOOTH® LED on the RKCBBT stops and changes to blue and stays lit.
12. Press the PTT button speak into the RKING940 mic to confirm connection. You will see the S/RF meter on the RKCBBT screen rise indicating a broadcast and may also hear yourself if you are using the "talkback" function. (recommended)
13. The PTT is now connected, you can now use the VOX function or the remote PTT to transmit.
14. You are now ready to use your Radio, Headset, PTT remote, and Phone.

## FIRST TIME PAIRING SET UP OF EXISTING CONSUMER OWNED BLUETOOTH® HEADSET TO THE RKCBBT

### NOTES:

- The RKCBBT works best with headsets that are utilizing BLUETOOTH® version 5.0 or higher. Lower BLUETOOTH® versions will work but may take more time to connect, or a specific order of connection. The included RKING940 has been optimized for this radio.
- Some brand's headsets use a voice prompt to inform you of the headset mode, and some only beep. Sometimes those headsets that use a voice prompt when connecting to your phone, may only give a beep when connecting to the RKCBBT. We have tested headsets from the following brands and found they all work with the RKCBBT but may behave differently than their own manuals suggest. Blue Parrot, Blue Tiger, and Plantronics.

1. Turn off the RKCBBT.
2. Turn off headset.
3. Turn off BLUETOOTH® function on the paired phone.
4. Turn on the RKCBBT.
5. Following the headset manufactures instructions put the headset into "pairing mode".

6. Press the BLUETOOTH® button on the RKCBBT until the LED blinks red/blue alternately indicating it is in “pairing mode”
7. It may take 10 to 60 seconds for the RKCBBT and the headset to pair. Once paired the RKCBBT BLUETOOTH® LED will flash red and the headset will inform you that it has connected either by beeping or a voice prompt.
8. Turn on the VOX function by pressing the VOX button on the RKCBBT (the LED will light red) and speak into the headset mic to confirm connection. You will see the S/RF meter on the RKCBBT screen rise indicating a broadcast. At this point, Wireless-PTT is not yet paired, so Headset works with VOX only.
9. Press the button on the Wireless-PTT. The flashing RED BLUETOOTH® LED on the RKCBBT stops and changes to blue and stays lit.
10. Press the PTT button speak into the RKING940 mic to confirm connection. You will see the S/RF meter on the RKCBBT screen rise indicating a broadcast and may also hear yourself if you are using the “talkback” function.
11. The PTT is now connected, you can now use the VOX function or the remote PTT to transmit.
12. Turn on the BLUETOOTH® function on the phone and reconnect to headset as normal. This may take up to 60 seconds or depending on the phone’s operating system. You may have to choose to connect in the phone’s settings section.

## **DAILY CONNECTION NOTES USING THE INCLUDED RKING940 AND OTHER BLUETOOTH® VERSION 5.0 HEADSETS**

After being away from your radio with you headset/phone you will need to reconnect to the RKCBBT. Simply turn the radio on and hit the BLUETOOTH® button on the RKCBBT, it will automatically connect in 2-30 seconds. If it does not, cycle the headset on/off and connect again to radio and phone

# DAILY CONNECTION NOTES FOR OTHER HEADSETS WITH A BLUETOOTH® VERSION LESS THAN 5.0

Depending on the headset and phone combination you are using, when you wish to reconnect to the radio after being away from it the following procedures should be followed.

- Turn on the RKCBBT, if the headset automatically connects, proceed as normal. It may take 20 seconds for the radio and headset to connect.

Because the headset and RKCBBT connection wants to be the primary connection, the radio may not connect with the headset if the headset is currently connected to a phone.

- If the radio does not automatically connect to the headset:
  - (a) Turn off the power to the RKCBBT.
  - (b) Turn off the power to the headset.
  - (c) Turn off the phone BLUETOOTH® function.
  - (d) Turn on the RKCBBT.
  - (e) Turn on the headset.
  - (f) Wait for the RKCBBT and the headset to pair (this may take 20 seconds).
  - (g) Turn back on the phone BLUETOOTH® function.
  - (h) Connect the phone to the headset.

You are now be ready to go.

Factory Settings:  
VOX Sensitivity = L3  
Anti-VOX = L03  
Vox Delay = 16

For customer assistance and technical support call:  
1-888-822-7079, 8:00 a.m. to 4:00 p.m. EST, Monday through Friday  
or write to: support@dsinc.com

RKCBBT  
VOICE-ACTIVATED  
HANDS-FREE  
CB RADIO

# SETTING THE VOX SENSITIVITY AND DELAY FEATURE

VOX is sound activated, not just voice activated. To stop unwanted transmissions, we use sensitivity settings to assist with the activation processes. This means the switch will only kick in when it detects sound over a certain decibel level. Depending on the noise level in your vehicle, how loud you speak, and the headset you choose to use, you may need to change the VOX settings on your RKCBBT.

- Press and hold the VOX button to enter the sensitivity setting. This is the setting that determines how easy the VOX will activate depending on the noise level at the headset microphone. L1 is the most sensitive, L9 is the least sensitive.
- Press the VOX button again to enter the "Anti-VOX" setting. The VOX in a twoway radio can also be triggered by the loudspeaker carrying the other side of the conversation. This problem can be minimized with the "anti vox" feature to decrease VOX sensitivity when the receiver is active. This prevents your RKCBBT from activating the VOX function when receiving a transmission. Can be turned off, or 01 is the most sensitive, 20 is the least sensitive.
- Press the VOX button again to enter the VOX "Delay" setting. Delay is the amount of time the microphone stays on after you stop talking. This ensures that the circuit does not turn off during the typical short pauses during conversation. t1 is the shortest delay, t9 is the longest delay.
- Press the VOX button again to exit the VOX settings.

## Factory Settings:

VOX Sensitivity = L2

Anti-VOX = L03

Vox Delay = t6

For customer assistance and technical support call

1-866-622-7979, 8:00 a.m. to 4:00 p.m. EST, Monday through Friday

or write to : [support@dasinc.com](mailto:support@dasinc.com)





**FCC Part 95  
Subpart D**

**CB Radio  
Service Rules**

## **Subpart D—Citizens Band (CB) Radio Service**

### **General Provisions**

#### ***§ 95.401 (CB Rule 1) What are the Citizens Band Radio Services?***

The Citizens Band Radio Services are:

(a) The Citizens Band (CB) Radio Service—a private, two-way, short-distance voice communications service for personal or business activities of the general public. The CB Radio Service may also be used for voice paging.

(b) The Family Radio Service (FRS)—a private, two-way, very short-distance voice and data communications service for facilitating family and group activities. The rules for this service are contained in subpart B of this part.

(c) The Low Power Radio Service (LPRS)—a private, short-distance communication service providing auditory assistance to persons with disabilities, persons who require language translation, and persons in educational

settings, health care assistance to the ill, law enforcement tracking services in cooperation with law enforcement, and point-to-point network control communications for Automated Marine Telecommunications System (AMTS) coast stations licensed under part 80 of this chapter. The rules for this service are listed under subpart G of this part. Two-way voice communications are prohibited.

(d) The Medical Device Radiocommunication Service (MedRadio)—an ultra-low power radio service, for the transmission of non-voice data for the purpose of facilitating diagnostic and/or therapeutic functions involving implanted and body-worn medical devices. The rules for this service are contained in subpart I of this part.

(e) The Wireless Medical Telemetry Service (WMTS)—a private, short distance data communication service for the transmission of patient medical information to a central monitoring location in a hospital or other medical facility. Voice and video communications are prohibited. Waveforms such as electrocardiograms (ECGs) are not considered video. The rules

for this service are contained in subpart H of this part.

(f) The Multi-Use Radio Service (MURS)—a private, two-way, short-distance voice or data communications service for personal or business activities of the general public. The rules for this service are contained in subpart J of this part.

(g) Dedicated Short-Range Communications Service On-Board Units (DSRCS-OBUs). The rules for this service are contained in subpart L of this part. DSRCS-OBUs may communicate with DSRCS Roadside Units (RSUs), which are authorized under part 90 of this chapter. DSRCS, RSU, and OBU are defined in § 90.7 of this chapter.

### ***§ 95.402 (CB Rule 2) How do I use these rules?***

(a) You must comply with these rules (See CB Rule 21 § 95.421, for the penalties for violations) when you operate a station in the CB Service from:

(1) Within or over the territorial limits of places where radio services are regulated by the FCC (see CB Rule 5, § 95.405);

(2) Aboard any vessel or aircraft registered in the United

States; or

(3) Aboard any unregistered vessel or aircraft owned or operated by a United States citizen or company.

(b) Your CB station must comply with technical rules found in subpart E of part 95.

(c) Where the rules use the word “you”, “you” means a person operating a CB station.

(d) Where the rules use the word “person,” the rules are concerned with an individual, a corporation, a partnership, an association, a joint stock company, a trust, a state, territorial or local government unit, or other legal entity.

(e) Where the rules use the term “FCC”, that means the Federal Communications Commission.

(f) Where the rules use the term “CB station”, that means a radio station transmitting in the CB Radio Service.

### ***§ 95.403 (CB Rule 3) Am I eligible to operate a CB station?***

You are authorized to operate a CB station unless:

(a) You are a foreign government, a representative of a foreign government, or a federal government agency; or

(b) The FCC has issued a cease and desist order to you, and the order is still in effect.

***§ 95.404 (CB Rule 4) Do I need a license?***

You do not need an individual license to operate a CB station. You are authorized by this rule to operate your CB station in accordance with the rules in this subpart.

***§ 95.405 (CB Rule 5) Where may I operate my CB station?***

You are authorized to operate your CB station from:

(a) Within or over any area of the world where radio services are regulated by the FCC. Those areas are within the territorial limits of:

- (1) The fifty United States.
- (2) The District of Columbia.

Caribbean Insular areas

- (3) Commonwealth of Puerto Rico.
- (4) Navassa Island.
- (5) United States Virgin Islands (50 islets and cays).

Pacific Insular areas

- (6) American Samoa (seven islands).

(7) Baker Island.

(8) Commonwealth of Northern Mariana Islands.

(9) Guam Island.

(10) Howland Island.

(11) Jarvis Island.

(12) Johnston Island (Islets East, Johnston, North and Sand).

(13) Kingman Reef.

(14) Midway Island (Islets Eastern and Sand).

(15) Palmyra Island (more than 50 islets).

(16) Wake Island (Islets Peale, Wake and Wilkes).

(b) Any other area of the world, except within the territorial limits of areas where radio services are regulated by—

(1) An agency of the United States other than the FCC. (You are subject to its rules.)

(2) Any foreign government. (You are subject to its rules.)

(c) An aircraft or ship, with the permission of the captain, within or over any area of the world where radio services are regulated by the FCC or upon or over international waters. You must operate your CB station according

to any applicable treaty to which the United States is a party.

(d) Anyone intending to operate a CB station on the islands of Puerto Rico, Desecheo, Mona, Vieques, and Culebra in a manner that could pose an interference threat to the Arecibo Observatory shall notify the Interference Office, Arecibo Observatory, HC3 Box 53995, Arecibo, Puerto Rico 00612, in writing or electronically, of the location of the unit.

Operators may wish to consult interference guidelines, which will be provided by Cornell University. Operators who choose to transmit information electronically should e-mail to: [prcz@naic.edu](mailto:prcz@naic.edu).

(1) The notification to the Interference Office, Arecibo Observatory shall be made 45 days prior to commencing operation of the unit. The notification shall state the geographical coordinates of the unit.

(2) After receipt of such notifications, the Commission will allow the Arecibo Observatory a period of 20 days for comments or objections. The operator will be required to make reasonable efforts in order to resolve or mitigate any potential interference problem with the Arecibo

Observatory. If the Commission determines that an operator has satisfied its responsibility to make reasonable efforts to protect the Observatory from interference, the unit may be allowed to operate.

***§ 95.406 (CB Rule 6) Are there any special restrictions on the location of my CB station?***

(a) If your CB station is located on premises controlled by the Department of Defense you may be required to comply with additional regulations imposed by the commanding officer of the installation.

(b) If your C/B station will be constructed on an environmentally sensitive site, or will be operated in such a manner as to raise environmental problems, under § 1.1307 of this chapter, you must provide an environmental assessment, as set forth in § 1.1311 of this chapter, and undergo the environmental review, § 1.1312 of this chapter, before commencement of construction.

**HOW TO OPERATE A CB STATION**

***§ 95.407 (CB Rule 7) On what channels may I operate?***

(a) Your CB station may transmit only on the following channels (frequencies):

Channel	Frequency (megahertz—MHz)
1	26.965
2	26.975
3	26.985
4	27.005
5	27.015
6	27.025
7	27.035
8	27.055
9	27.065*
10	27.075
11	27.085
12	27.105
13	27.115
14	27.125
15	27.135
16	27.155
17	27.165
18	27.175
19	27.185
20	27.205
21	27.215
22	27.225
23	27.255
24	27.235
25	27.245
26	27.265
27	27.275
28	27.285
29	27.295
30	27.305

31	27.315
32	27.325
33	27.335
34	27.345
35	27.355
36	27.365
37	27.375
38	27.385
39	27.395
40	27.405

\* See paragraph (b) of this section.

(b) Channel 9 may be used only for emergency communications or for traveler assistance.

(c) You must, at all times and on all channels, give priority to emergency communication messages concerning the immediate safety of life or the immediate protection of property.

(d) You may use any channel for emergency communications or for traveler assistance.

(e) You must share each channel with other users.

(f) The FCC will not assign any channel for the private or exclusive use of any particular CB station or group of stations.

(g) The FCC will not assign any channel for the private or exclusive use of CB stations transmitting single sideband or AM.

**§ 95.408 (CB Rule 8) How high may I put my antenna?**

(a) Antenna means the radiating system (for transmitting, receiving or both) and the structure holding it up (tower, pole or mast). It also means everything else attached to the radiating system and the structure.

(b) If your antenna is mounted on a hand-held portable unit, none of the following limitations apply.

(c) If your antenna is installed at a fixed location, it (whether receiving, transmitting or both) must comply with either one of the following:

(1) The highest point must not be more than 6.10 meters (20 feet) higher than the highest point of the building or tree on which it is mounted; or

(2) The highest point must not be more than 18.3 meters (60 feet) above the ground.

(d) If your CB station is located near an airport, and if your antenna structure is more than 6.1 meters (20 feet) high, you may have to obey additional restrictions. The highest point of your antenna must not exceed one meter above the airport elevation for every hundred meters of distance from the nearest point of the nearest

airport runway. Differences in ground elevation between your antenna and the airport runway may complicate this formula. If your CB station is near an airport, you may contact the nearest FCC field office for a worksheet to help you figure the maximum allowable height of your antenna. Consult part 17 of the FCC's Rules for more information.

**WARNING:** *Installation and removal of CB station antennas near powerlines is dangerous. For your safety, follow the installation directions included with your antenna.*

**§ 95.409 (CB Rule 9) What equipment may I use at my CB station?**

(a) You must use an FCC certificated CB transmitter at your CB station. You can identify an FCC certificated transmitter by the certification label placed on it by the manufacturer. You may examine a list of certificated equipment at any FCC Field Office or at FCC Headquarters. Use of a transmitter which is not FCC certificated voids your authority to operate the station.

(b) You must not make, or have made, any internal modification to a certificated CB transmitter.

(See CB Rule 25, § 95.425). Any internal modification to a certificated CB transmitter cancels the certification, and use of such a transmitter voids your authority to operate the station.

**§ 95.410 (CB Rule 10) *How much power may I use?***

(a) Your CB station transmitter power output must not exceed the following values under any conditions:

AM (A3)—4 watts (carrier power)

SSB—12 watts (peak envelope power)

(b) If you need more information about the power rule, see the technical rules in subpart E of part 95.

(c) Use of a transmitter which has carrier or peak envelope power in excess of that authorized voids your authority to operate the station.

**§ 95.411 (CB Rule 11) *May I use power amplifiers?***

(a) You may not attach the following items (power amplifiers) to your certificated CB transmitter in any way:

(1) External radio frequency (RF) power amplifiers (sometimes

called linears or linear amplifiers); or

(2) Any other devices which, when used with a radio transmitter as a signal source, are capable of amplifying the signal.

(b) There are no exceptions to this rule and use of a power amplifier voids your authority to operate the station.

(c) The FCC will presume you have used a linear or other external RF power amplifier if—

(1) It is in your possession or on your premises; and

(2) There is other evidence that you have operated your CB station with more power than allowed by CB Rule 10, § 95.410.

(d) Paragraph (c) of this section does not apply if you hold a license in another radio service which allows you to operate an external RF power amplifier.

**§ 95.412 (CB Rule 12) *What communications may be transmitted?***

(a) You may use your CB station to transmit two-way plain language communications. Two-way plain language communications are communications without codes or coded messages. Operating



signals such as “ten codes” are not considered codes or coded messages. You may transmit two-way plain language communications only to other CB stations, to units of your own CB station or to authorized government stations on CB frequencies about—

(1) Your personal or business activities or those of members of your immediate family living in your household;

(2) Emergencies (see CB Rule 18, § 95.418);

(3) Traveler assistance (see CB Rule 18, § 95.418); or

(4) Civil defense activities in connection with official tests or drills conducted by, or actual emergencies announced by, the civil defense agency with authority over the area in which your station is located.

(b) You may use your CB station to transmit a tone signal only when the signal is used to make contact or to continue communications. (Examples of circuits using these signals are tone operated squelch and selective calling circuits.) If the signal is an audible tone, it must last no longer than 15 seconds at one time. If the signal

is a subaudible tone, it may be transmitted continuously only as long as you are talking.

(c) You may use your CB station to transmit one-way communications (messages which are not intended to establish communications between two or more particular CB stations) only for emergency communications, traveler assistance, brief tests (radio checks) or voice paging.

### ***§ 95.413 (CB Rule 13) What communications are prohibited?***

(a) You must not use a CB station—

(1) In connection with any activity which is against federal, state or local law;

(2) To transmit obscence, indecent or profane words, language or meaning;

(3) To interfere intentionally with the communications of another CB station;

(4) To transmit one-way communications, except for emergency communications, traveler assistance, brief tests (radio checks), or voice paging;

(5) To advertise or solicit the sale of any goods or services;

(6) To transmit music, whistling, sound effects or any

material to amuse or entertain;

(7) To transmit any sound effect solely to attract attention;

(8) To transmit the word “MAYDAY” or any other international distress signal, except when your station is located in a ship, aircraft or other vehicle which is threatened by grave and imminent danger and you are requesting immediate assistance;

(9) To communicate with, or attempt to communicate with, any CB station more than 250 kilometers (155.3 miles) away;

(10) To advertise a political candidate or political campaign; (you may use your CB radio for the business or organizational aspects of a campaign, if you follow all other applicable rules);

(11) To communicate with stations in other countries, except General Radio Service stations in Canada; or

(12) To transmit a false or deceptive communication.

(b) You must not use a CB station to transmit communications for live or delayed rebroadcast on a radio or television broadcast station. You may use your CB station to gather news items or to prepare

programs.

***§ 95.414 (CB Rule 14) May I be paid to use my CB station?***

(a) You may not accept direct or indirect payment for transmitting with a CB station.

(b) You may use a CB station to help you provide a service, and be paid for that service, as long as you are paid only for the service and not for the actual use of the CB station.

***§ 95.415 (CB Rule 15) Who is responsible for communications I make?***

You are responsible for all communications which are made by you from a CB station.

***§ 95.416 (CB Rule 16) Do I have to limit the length of my communications?***

(a) You must limit your CB communications to the minimum practical time.

(b) If you are communicating with another CB station or stations, you, and the stations communicating with you, must limit each of your conversations to no more than five continuous minutes.

(c) At the end of your

conversation, you, and the stations communicating with you, must not transmit again for at least one minute.

***§ 95.417 (CB Rule 17) Do I identify my CB communications?***

(a) You need not identify your CB communications.

(b) [You are encouraged to identify your CB communications by any of the following means:

(1) Previously assigned CB call sign;

(2) K prefix followed by operator initials and residence zip code;

(3) Name; or

(4) Organizational description including name and any applicable operator unit number.]

(c) [You are encouraged to use your “handle” only in conjunction with the methods of identification listed in paragraph (b) of this section.]

***§ 95.418 (CB Rule 18) How do I use my CB station in an emergency or to assist a traveler?***

(a) You must at all times and on all channels, give priority to emergency communications.

(b) When you are directly

participating in emergency communications, you do not have to comply with the rule about length of transmissions (CB Rule 16, § 95.416). You must obey all other rules.

(c) You may use your CB station for communications necessary to assist a traveler to reach a destination or to receive necessary services. When you are using your CB station to assist a traveler, you do not have to obey the rule about length of transmissions (CB Rule 16, § 95.416). You must obey all other rules.

(d) You may use your CB station to transmit one-way communications concerning highway conditions to assist travelers.

***§ 95.419 (CB Rule 19) May I operate my CB station transmitter by remote control?***

(a) You may not operate a CB station transmitter by radio remote control.

(b) You may operate a CB transmitter by wireline remote control if you obtain specific approval in writing from the FCC. To obtain FCC approval, you must show why you need to operate your station by wireline

remote control. If you receive FCC approval, you must keep the approval as part of your station records. See CB Rule 27, § 95.427.

(c) Remote control means operation of a CB transmitter from any place other than the location of the CB transmitter. Direct mechanical control or direct electrical control by wire from some point on the same premises, craft or vehicle as the CB transmitter is not considered remote control.

***§ 95.420 (CB Rule 20) May I connect my CB station transmitter to a telephone?***

(a) You may connect your CB station transmitter to a telephone if you comply with all of the following:

(1) You or someone else must be present at your CB station and must—

(i) Manually make the connection (the connection must not be made by remote control);

(ii) Supervise the operation of the transmitter during the connection;

(iii) Listen to each communication during the connection; and

(iv) Stop all communications if there are operations in violation of these rules.

(2) Each communication during the telephone connection must comply with all of these rules.

(3) You must obey any restriction that the telephone company places on the connection of a CB transmitter to a telephone.

(b) The CB transmitter you connect to a telephone must not be shared with any other CB station.

(c) If you connect your CB transmitter to a telephone, you must use a phone patch device with has been registered with the FCC.

**OTHER THINGS YOU NEED TO KNOW**

***§ 95.421 (CB Rule 21) What are the penalties for violating these rules?***

(a) If the FCC finds that you have willfully or repeatedly violated the Communications Act or the FCC Rules, you may have to pay as much as \$10,000 for each violation, up to a total of \$75,000. (See section 503(b) of

the Communications Act.)

(b) If the FCC finds that you have violated any section of the Communications Act or the FCC Rules, you may be ordered to stop whatever action caused the violation. (See section 312(b) of the Communications Act.)

(c) If a Federal court finds that you have willfully and knowingly violated any FCC Rule, you may be fined up to \$500 for each day you committed the violation. (See section 502 of the Communications Act.)

(d) If a Federal court finds that you have willfully and knowingly violated any provision of the Communications Act, you may be fined up to \$10,000 or you may be imprisoned for one year, or both. (See section 501 of the Communications Act.)

***§ 95.422 (CB Rule 22) How do I answer correspondence from the FCC?***

(a) If it appears to the FCC that you have violated the Communications Act or these rules, the FCC may send you a discrepancy notice.

(b) Within the time period stated in the notice, you must answer with:

(1) A complete written statement about the apparent discrepancy;

(2) A complete written statement about any action you have taken to correct the apparent violation and to prevent it from happening again; and

(3) The name of the person operating at the time of the apparent violation.

(c) If the FCC sends you a letter asking you questions about your CB radio station or its operation, you must answer each of the questions with a complete written statement within the time period stated in the letter.

(d) You must not shorten your answer by references to other communications or notices.

(e) You must send your answer to the FCC office which sent you the notice.

(f) You must keep a copy of your answer in your station records. (See CB Rule 27, § 95.427.)

***§ 95.423 (CB Rule 23) What must I do if the FCC tells me that my CB station is causing interference?***

(a) If the FCC tells you that your CB station is causing inter-

ference for technical reasons you must follow all instructions in the official FCC notice. (This notice may require you to have technical adjustments made to your equipment.)

(b) You must comply with any restricted hours of CB station operation which may be included in the official notice.

***§ 95.424 (CB Rule 24) How do I have my CB station transmitter serviced?***

(a) You may adjust an antenna to your CB transmitter and you may make radio checks. (A radio check means a one way transmission for a short time in order to test the transmitter.)

(b) You are responsible for the proper operation of the station at all times and are expected to provide for observations, servicing and maintenance as often as may be necessary to ensure proper operation. You must have all internal repairs or internal adjustments to your CB transmitter made in accordance with the Technical Regulations (see subpart E). The internal repairs or internal adjustments should be performed by or under the immediate supervision and responsibility of a person certified as technically qualified to

perform transmitter maintenance and repair duties in the private land mobile services and fixed services by an organization or committee representative of users in those services.

(c) Except as provided in paragraph (d) of this section, each internal repair and each internal adjustment of a CB transmitter in which signals are transmitted must be made using a nonradiating (“dummy”) antenna.

(d) Brief test signals (signals not longer than one minute during any five minute period) using a radiating antenna may be transmitted in order to:

(1) Adjust an antenna to a transmitter;

(2) Detect or measure radiation of energy other than the intended signal; or

(3) Tune a receiver to your CB transmitter.

***§ 95.425 (CB Rule 25) May I make any changes to my CB station transmitter?***

(a) You must not make or have any one else make any internal modification to your CB transmitter.

(b) Internal modification does not include:

(1) Repair or servicing of a CB station transmitter (see CB Rule 24, § 95.424); or

(2) Changing plug-in modules which were certificated as part of your CB transmitter.

(c) You must not operate a CB transmitter which has been modified by anyone in any way, including modification to operate on unauthorized frequencies or with illegal power. (See CB Rules 9 and 11, §§ 95.409 and 95.411.)

***§ 95.426 (CB Rule 26) Do I have to make my CB station available for inspection?***

(a) If an authorized FCC representative requests to inspect your CB station, you must make your CB station and records available for inspection.

(b) A CB station includes all of the radio equipment you use.

***§ 95.427 (CB Rule 27) What are my station records?***

Your station records include the following documents, as applicable.

(a) A copy of each response to an FCC violation notice or an FCC letter. (See CB Rule 22, § 95.422.)

(b) Each written permission received from the FCC. (See CB

Rule 19, § 95.419.)

***§ 95.428 (CB Rule 28) How do I contact the FCC?***

(a) FCC National Call Center at 1-888-225-5322.

(b) FCC World Wide Web homepage: <http://www.fcc.gov>.

(c) In writing, to FCC, Attention: CB, 1270 Fairfield Road, Gettysburg, PA 17325-7245.



**Printed in Vietnam**  
**U58UT396ZZZ**



***ROADKING***®

**RKING940**

PREMIUM NOISE-CANCELING  
**BLUETOOTH**® HEADSET

CASQUE D'ÉCOUTE **BLUETOOTH**® ANTIBRUIT  
DE PREMIÈRE QUALITÉ

**Owner's Guide**

**RKING940**

# 1 | NOTICE BEFORE USING

Thank you for purchasing the RoadKing® BLUETOOTH® Headset RKING940. Please read this User Manual completely before using the headset.

RKING940 is based on the latest BLUETOOTH wireless technology and is compliant with BLUETOOTH v5.0 specifications. It is capable of connecting with a BLUETOOTH enabled device.

## 2 | SPECIFICATIONS

BLUETOOTH Specifications: .....	v5.0+EDR
Operation Frequency: .....	2.402-2.48GHz
Supported Profile: .....	HSP, HFP, A2DP
Operation Range: .....	33 ft. indoor and up to 66 ft. outdoor
Talk Time: .....	30 hours
Standby Time: .....	1400 hours
Battery Type: .....	420mAh, 3.7V, Lithium Polymer Battery
Charge Time: .....	3 hours
Weight: .....	88g
Power Supply: .....	5.0V DC and 110-240V AC Adapter
Operating Temp: .....	32 to 122°F
Storage Temp: .....	14 to 140°F

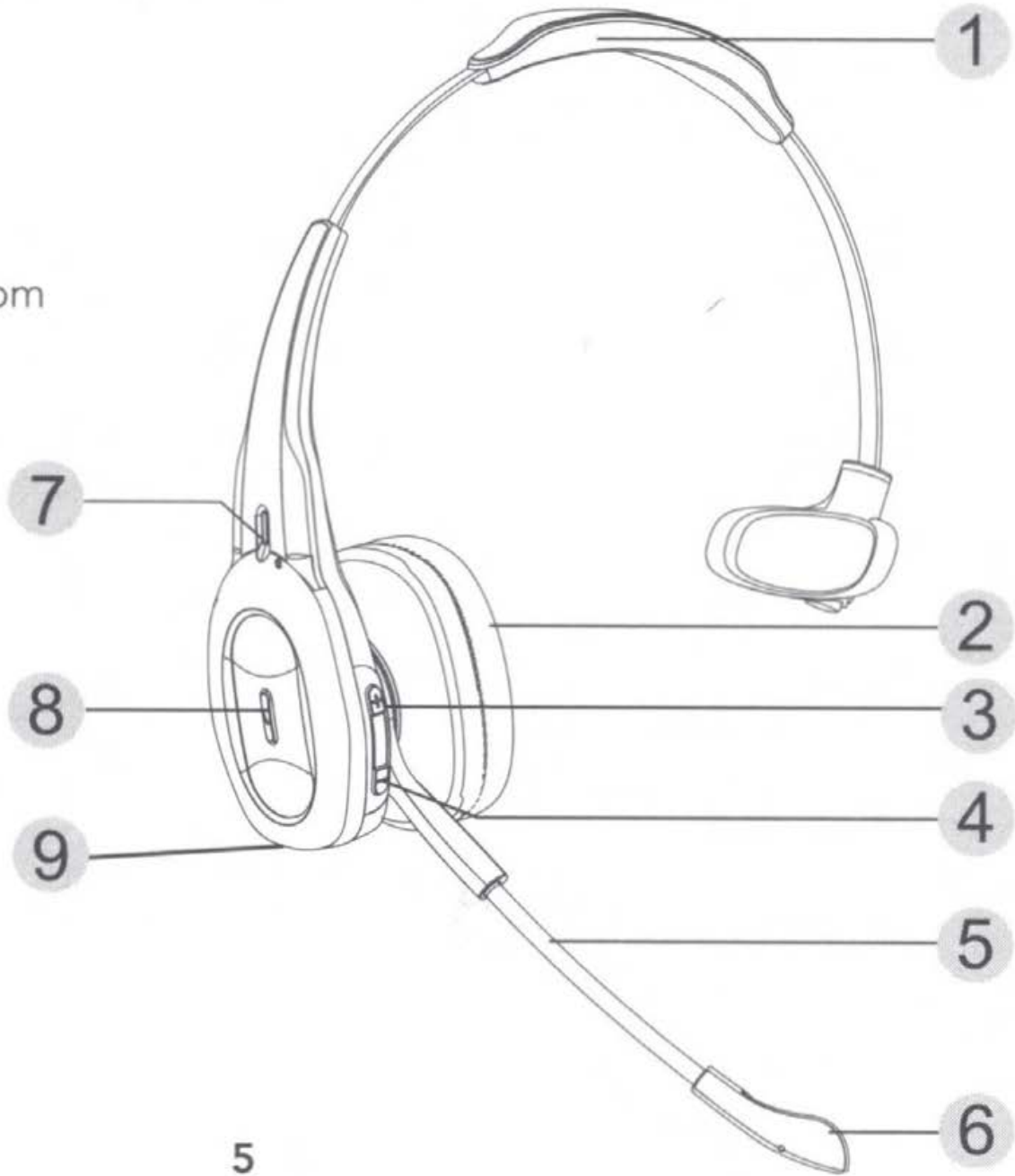
### 3 | PACKAGE CONTENTS LIST

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

A. RKING940 RoadKing BLUETOOTH Headset.....	1
B. AC Wall Charger.....	1
C. DC Car Charger.....	1
D. USB Charging Cable.....	1
E. User Manual.....	1
F. Extra Ear Pad and Mic Cover.....	2

## 4 | RKING940 *BLUETOOTH*<sup>®</sup> HEADSET OVERVIEW

1. Adjustable Headband
2. Speaker/Ear Pad
3. Volume (+)
4. Volume (-)
5. Flexible Arm
6. Windproof Microphone Boom
7. Indicator Light (LED)
8. On/Off Button
9. 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 charge/discharge cycles. The battery can be charged and discharged several hundred times, but it loses its capacity over time.

Disconnect RKING940 from the power supply as soon as the battery is fully charged; overcharging could 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 RKING940 should be charged at least every 3 months.

## 6 | CHARGING THE BATTERY

RKING940 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 the first use, please charge the headset fully.
- The fully charged battery has power for up to 30 hours of talk-time and music streaming, and up to 1400 hours of standby time. However, the talk and standby times may vary when used with different cellular phones or other BLUETOOTH® devices. When the battery is low, you will hear a voice prompt "Battery Low" every one minute, and the red indicator light will flash.

## 7 | PAIR TO YOUR **BLUETOOTH**<sup>®</sup> ENABLED DEVICE

Before you use your headset for the first time you must pair the unit with a BLUETOOTH enabled device. Pairing is a one-time process and required only for the first connection with the BLUETOOTH enabled device. RKING940 can be paired with up to eight devices and can be connected simultaneously with two devices.

### **General procedure:**

1. Keep RKING940 within range of a BLUETOOTH enabled device (no more than 3 feet).
2. The headset must be turned off.
3. Hold the On/Off button for approximately 5 seconds until you hear power on 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.
4. Find the BLUETOOTH settings and search your device list.
5. From the device list, select "RKING940"
6. If required, enter the PIN code "0000" and confirm the entry. If the connection was successful, you will hear the voice prompt "connected" and the indicator lights Blue for 1 seconds. (Note: The PIN code is preprogrammed and cannot be changed.)



## 8 | MULTI-CONNECTION FUNCTION

The multi-connection function allows for the simultaneous use of RKING940 with two devices.

### **Establishing a connection with two devices:**

There are several options of connecting RKING940 with already paired devices.

1. **Automatic connection:** When turning on RKING940, a connection is automatically established with the two most recently connected devices.
2. **Establishing a connection via RKING940:** To manually establish a connection between RKING940 and the two most recently connected devices, press the On/Off button. RKING940 first connects itself with the first connected device. It then connects itself with the most recently connected device.

- 3. Establishing a connection via the device:** If the device is not one of the two most recently connected devices with RKING940, you have to establish the connection via the BLUETOOTH® menu on that device. After connected successfully, you can establish another connection with a second device. This allows you to determine the sequence of connections. If two devices are connected with RKING940, the device connected first is the first device, and the other one is the second device. Another connection can be established only after first disconnecting one of the two devices. The device that is still connected afterward become the first device in the sequence.

## 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 1 seconds.

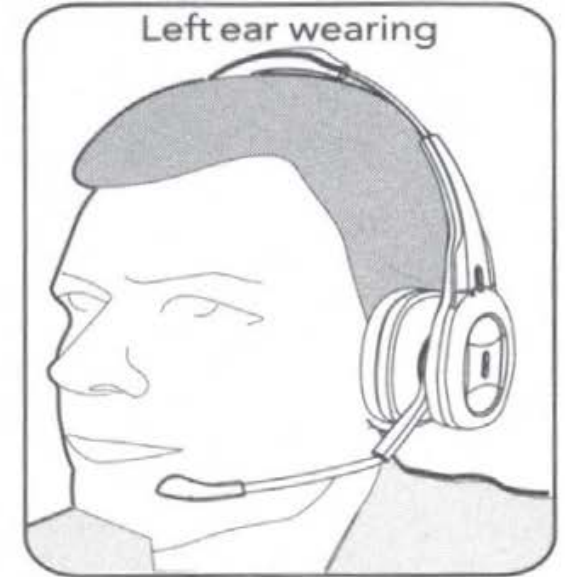
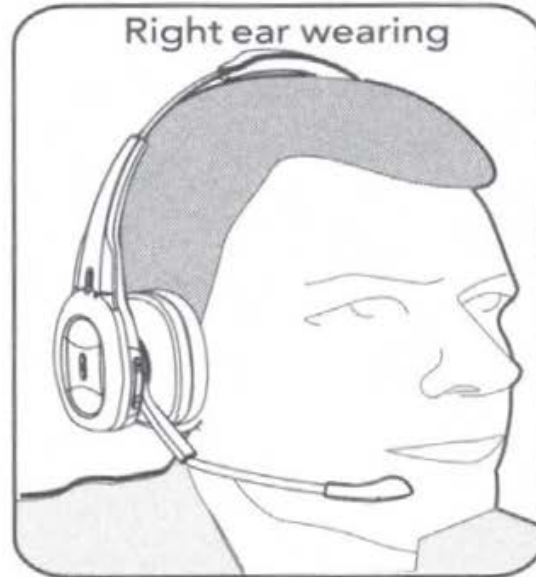
**Connecting to a BLUETOOTH® device:** Once your headset has completed the pairing process successfully, and the headset is turned on, it will connect to the phone you last connected with automatically (“connected”). Please ensure your device’s BLUETOOTH function is turned on.

**Turning off the headset:** At any working state after the headset is powered on, press and hold On/Off for 3 seconds. You will hear the voice prompt “Power off” and the Red indicator light will be solid for 1 seconds. The headset has now powered off.

NOTE: To conserve power, if the headset is no 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.



## 11 | USING RKING940

### Making a call:

- **Using device:** In standby mode, dial the number on your device 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 your device will prompt you to say the voice tag which you have already attached to your contact. If the voice tag is identified by the device, the related number will be dialed. Please ensure that your device supports this voice-dialing function, and the voice tags have been set up on your device prior to attempting this. Refer to your device's user guide or contact your service provider.

**Answering a call:** When you receive an incoming call, press the On/Off button to answer.

**Rejecting a call:** When you receive an incoming call, press and hold the On/Off button for 2 seconds to reject the call.

**Transferring a call:** While a call is in progress, press and hold Volume (+) for 2 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 device.

**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 by a service 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 2 seconds to accept the incoming call and place the current call on hold.

- While a call is on hold and you are on another call, press On/Off quickly to end the current call and resume the call holding.
- While a call is on hold and you are on another call, press and hold On/Off for 2 seconds to shift the current call to hold and connect you with the previously held 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 the 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 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 canceled.

**Music streaming:** RKING940 supports A2DP profile that allows for wireless streaming of music from a BLUETOOTH enabled device. Music will pause while a call is dialed or received, and resume when the call has ended.

## 12 | RESET RKING940

RKING940 can be paired with up to eight devices. 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 device.
- Press and hold the On/Off, Volume (+) and Volume (-) buttons simultaneously for approximately 5 seconds until the indicator light flashes purple for 5 times, then turns off automatically.

## 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 source, 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.

## 15 | WARRANTY

This 1 Year Limited Warranty from RoadKing, a DAS Company applies to all electronic products and devices manufactured by RoadKing and sold under the brand name RoadKing. Visit [www.roadkingproducts.com](http://www.roadkingproducts.com) for warranty details.

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 (1 year). The warranty period begins on the day of retail sale. This warranty extends only to the original purchaser. It is not transferrable 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 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, 48 Industrial 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](mailto:support@dasinc.com)

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# Questions?

*Please reference the  
enclosed owner's manual*

**OR**

*Call*

**1-866-622-7979**

A representative is available  
Monday – Friday (8:00AM – 4:30PM EST)

*Send us an email:*

[techsupport@roadprobrands.com](mailto:techsupport@roadprobrands.com)

**ROADKING**



## DAS COMPANIES, INC. ROADKING® ONE YEAR LIMITED WARRANTY

**This Limited Warranty** covers this **RoadKing®** product.

This product is warranted against defects in materials and workmanship for a period of ONE (1) YEAR from the date of original retail purchase ("Warranty Period"). This warranty extends only to the original purchaser and will end when the product is transferred to a subsequent owner. If a defect arises during the Warranty Period, DAS (RoadKing), at its option and to the extent permitted by law will (1) repair the product at no charge using new parts or parts that are equivalent to new in performance and reliability or (2) exchange the product with a functionally equivalent product that is new or equivalent to new in performance and reliability. This warranty excludes damage resulting from misuse or abuse, accident, operation of the product not in accordance with the manuals or other included written instructions, modification of the product, attempted repair of the product, or as a result of an act of God or as a result of war or terrorist attack or other causes that are not defects in materials and workmanship. **Non-RoadKing branded products/Third Party Products.** This warranty does not apply to products that are not RoadKing branded even if packaged or sold with RoadKing products, nor does it apply to batteries or similar expandable parts or accessories.

TO THE EXTENT PERMITTED BY APPLICABLE LAW DAS (ROADKING) IS NOT LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR SERVICE OF THE PRODUCT. THE WARRANTY AND REMEDIES DESCRIBED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES, AND CONDITIONS, WHETHER ORAL, WRITTEN, EXPRESS, STATUTORY OR IMPLIED. TO THE EXTENT PERMITTED BY APPLICABLE LAW DAS (ROADKING) DISCLAIMS ALL IMPLIED AND STATUTORY WARRANTIES, INCLUDING, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. US FEDERAL LAW DOES NOT PERMIT IMPLIED WARRANTIES TO BE DISCLAIMED AND TO THE EXTENT SUCH IMPLIED WARRANTIES CANNOT BE DISCLAIMED, THEN SUCH WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. Any recovery is limited to the value of the original purchase price. No other person is authorized to modify this limited warranty, and your seller is solely responsible for any other warranties.

Some states and countries do not allow limitations on how long an implied warranty lasts, or allow exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. For consumers, who are covered by consumer protection laws or regulations in their state or country of purchase or, if different, their state or country of residence, the benefits conferred by DAS's One Year Limited Warranty are in addition to all rights and remedies

conveyed by such consumer protection laws and regulations.

**How to obtain Warranty Service?** Within the first thirty (30) days after the original purchase, products must be returned to the dealer. After thirty (30) days and for up to one (1) year the product may be returned to RoadKing. When returning products to RoadKing:

Shipping to RoadKing must be paid by you. Your replacement or repaired product will be returned to you with no shipping charge. Carefully pack the product and all included accessories into a suitable box or mailing package, including the original dated register receipt or invoice and a letter describing the defect, including a daytime phone number and a street address. Do not use a PO Box as UPS and other carriers will not deliver to a PO Box.

- Any returned product that has only a PO Box return address will be held until further notification from you which notification must include a street address.
- 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 include dated proof of original purchase will invalidate the DAS Limited Warranty.

Ship the defective products, shipping prepaid by you, to:

RoadKing Returns  
DAS Companies, Inc.  
48 Industrial Drive  
Elizabethtown, PA 17022

For customer assistance and technical support call 1-866-622-7979 Monday through Friday 8:00 am to 4:30 pm Eastern Time or send an email to [techsupport@roadprobrands.com](mailto:techsupport@roadprobrands.com).

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### **Technical Support**

866-622-7979

[techsupport@roadprobrands.com](mailto:techsupport@roadprobrands.com)

8am-4:30pm EST, Monday-Friday

### **Returns**

RoadKing

48 Industrial Drive

Elizabethtown, PA 17022