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GoHawk RE8

GoHawk RE8 Waterproof Bluetooth Motorcycle Stereo Speakers User Manual

Model: RE8 | Brand: GoHawk

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GoHawk RE8 Waterproof Bluetooth Motorcycle Stereo Speakers. Please read this manual thoroughly before use to ensure proper functionality and longevity of your device.

Important Note:

The GoHawk RE8 has an overall width of 16-3/4 inches. Please measure your handlebar center clearance carefully before purchasing and installing to ensure compatibility. For larger handlebar clearance, consider Model RE9-X.

PRODUCT FEATURES

- Bluetooth Wireless Connectivity
- 24 White LED Strip for enhanced visibility and style
- USB 2.0 Port for MP3 file playback
- AUX-IN (3.5mm) for wired audio connection
- FM Radio functionality
- Digital Display with Clock
- Advanced Waterproof Design (IP56 Rating)
- Durable Aluminum Housing with Satin Finish
- Innovative Ball Stub Mounting Design with 360-Degree Swivel
- Supports 7/8" to 1 1/4" Handlebars



Figure 1: Key features of the GoHawk RE8 speaker, including waterproof design, AUX-IN, USB port, Bluetooth wireless, FM radio, and white LEDs.

PACKAGE CONTENTS

Upon opening the box, please verify that all the following components are included:

- 1 x Speaker Stereo Main Unit
- 2 x Mounting Clamps
- 1 x Power Harness
- 1 x User Manual
- 1 x AUX Cable
- Screw Kits
- Ball Joint Base
- Boot



Figure 2: Contents of the GoHawk RE8 package, including the main unit, mounting hardware, and cables.

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Video 1: Unboxing and overview of the GoHawk RE8/RE9-X Motorcycle Speakers Soundbar. This video demonstrates the contents of the package and provides a first look at the main unit and accessories.

SETUP AND INSTALLATION

Mounting Instructions

The GoHawk RE8 features an innovative ball stub design with mounting clamps that support handlebars from 7/8 inches to 1 1/4 inches. The 360-degree swivel capability allows for flexible and custom installation.

1. Attach the ball joint base to the speaker unit.
2. Assemble the mounting clamps with the provided screws and rubber inserts to fit your handlebar size.
3. Securely fasten the assembled clamps to your motorcycle or ATV handlebar.
4. Connect the speaker unit to the ball stub on the mounting clamp, ensuring a secure fit.



Figure 3: Detail of the mounting clamp, designed to fit handlebars from 7/8 to 1 1/4 inches.

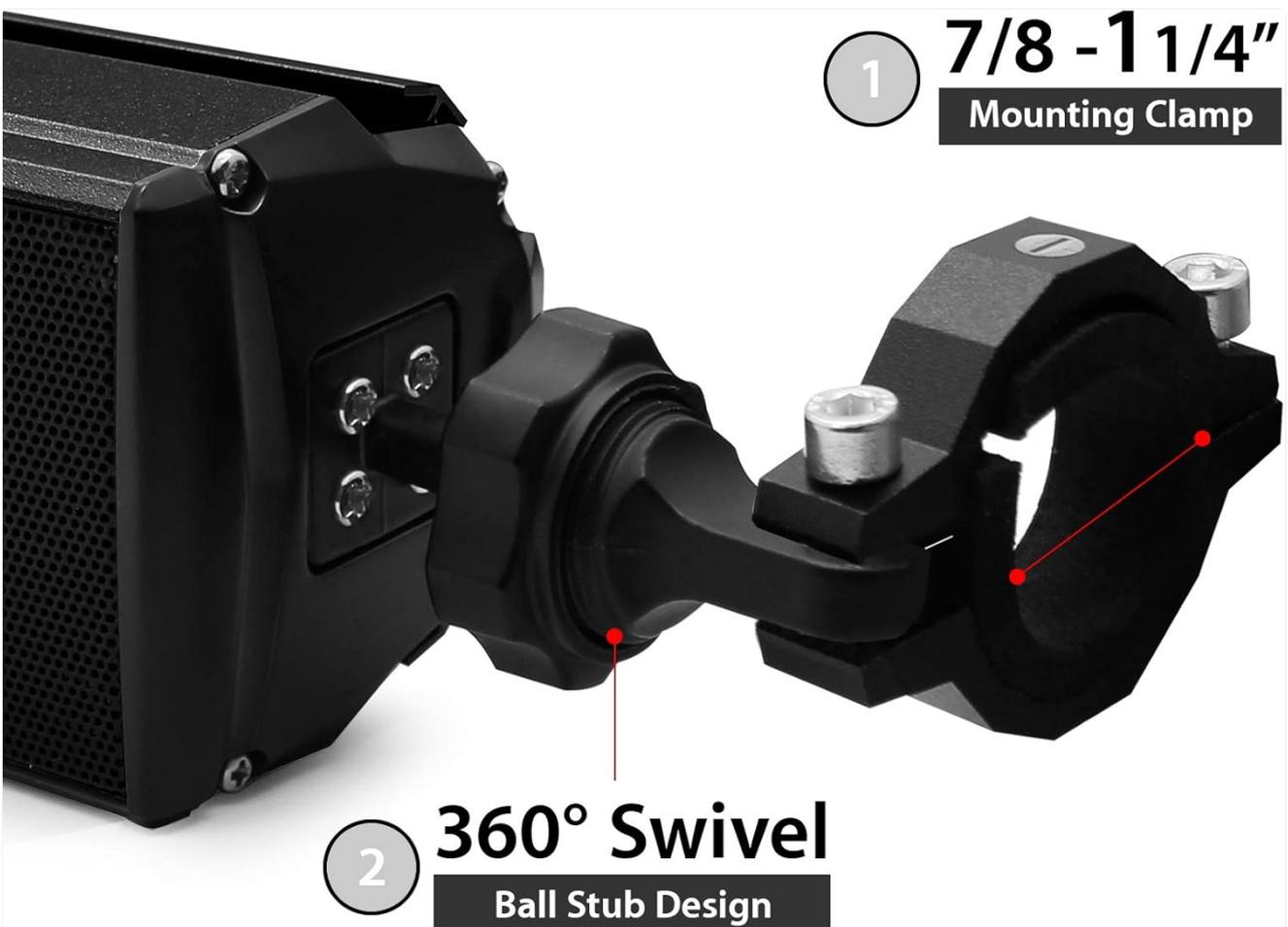


Figure 4: The 360-degree swivel ball stub design allows for versatile positioning of the speaker unit.

Wiring Diagram

The GoHawk RE8 requires a standard 12V power connection. The package includes a 59-inch battery cable harness with a ring terminal connector for direct connection to your vehicle's battery.

1. Connect the red wire from the power harness to the positive (+) terminal of your 12V battery.

2. Connect the black wire from the power harness to the negative (-) terminal of your 12V battery.
3. Ensure all connections are secure and properly insulated to prevent short circuits.



Figure 5: Simplified wiring diagram for connecting the GoHawk RE8 to a 12V power source.

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Video 2: This segment of the video demonstrates the installation process, including assembling the mounting hardware and connecting the speaker unit to the handlebar. It also shows the power connection to the battery.

OPERATING INSTRUCTIONS

Power On/Off

To power on the unit, press and hold the power button (usually integrated with the MOD button or a dedicated power button) until the display illuminates. To power off, press and hold the same button until the display turns off.

FM Radio

Press the 'MOD' button to cycle through modes until 'FM' is displayed. Use the 'Previous' and 'Next' track buttons

(often labeled with <</-- and --/>> or similar) to scan for radio stations. The unit will automatically tune to available stations.

Bluetooth Connectivity

To connect your smartphone via Bluetooth:

1. Ensure the GoHawk RE8 is powered on and in Bluetooth mode (indicated by 'BT' or similar on the display). If not, press the 'MOD' button to switch to Bluetooth mode.
2. On your smartphone, navigate to Bluetooth settings and enable Bluetooth.
3. Search for available devices. The GoHawk RE8 should appear as 'GoHawk' or 'RE8'.
4. Select the device to pair. Once paired, the unit will confirm the connection, and you can stream audio from your phone.

USB Playback

Insert a USB drive containing MP3 format files into the USB port. The unit will automatically switch to USB mode and begin playing the audio files. Use the track buttons to navigate between songs.

AUX-IN

Connect your audio device (e.g., MP3 player, smartphone) to the 3.5mm AUX-IN port using the provided AUX cable. Press the 'MOD' button to switch to AUX mode. Audio will then be played through the speakers from your connected device.

LED Lights

The GoHawk RE8 features a 24 White LED strip. To turn the LEDs on or off, press the dedicated LED button (or a specific combination as indicated on the unit, often a single click). This allows for quick control of the lighting feature.

Comparison Chart:

Please measure the handlebar width clearance before purchase.

Model: **RE9-X** Total Width: **18-1/4"**



You're buying this > Model: **RE8** Total Width: **16-3/4"**

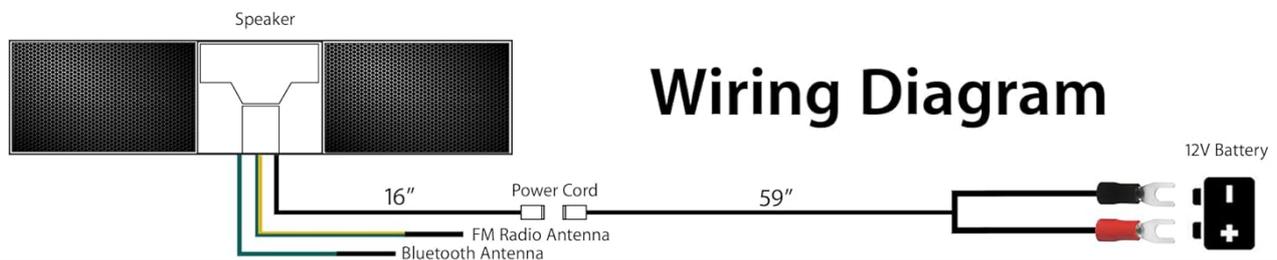


Figure 6: The GoHawk RE8 features a bright white LED strip that can be turned on or off with a single click.

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Video 3: This segment of the video demonstrates the basic operation of the GoHawk RE8, including turning it on, tuning the FM radio, connecting via Bluetooth, and activating the white LED lights.

MAINTENANCE

To ensure the longevity and optimal performance of your GoHawk RE8, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to wipe down the unit. Avoid using harsh chemicals, solvents, or abrasive cleaners, as these can damage the finish or electronic components.
- **Waterproof Design:** While the unit features an advanced waterproof design (IP56 rated), it is not designed for submersion. Ensure all ports and covers are securely closed to maintain water resistance.
- **Connection Checks:** Periodically inspect all wiring and connections for any signs of wear, corrosion, or looseness. Secure any loose connections to prevent intermittent power or sound issues.
- **Storage:** If storing the unit for an extended period, disconnect it from the power source and store it in a cool, dry place away from direct sunlight and extreme temperatures.



Figure 7: The GoHawk RE8 features a durable aluminum housing with a satin finish, contributing to its robust and waterproof design.

TROUBLESHOOTING

If you encounter any issues with your GoHawk RE8, please refer to the following table for common problems and their solutions:

Problem	Possible Cause	Solution
No Power	Loose power connection; Blown fuse; Dead battery.	Check power harness connections to the battery. Inspect vehicle's fuse box for a blown fuse and replace if necessary. Ensure vehicle battery is charged.
No Sound	Volume too low; Incorrect mode selected; Device not properly connected (AUX/Bluetooth).	Increase volume on the unit and connected device. Press 'MOD' button to select correct input mode. Re-pair Bluetooth device or re-connect AUX cable.

Problem	Possible Cause	Solution
Bluetooth Pairing Issues	Bluetooth not enabled on device; Unit not in pairing mode; Interference.	Ensure Bluetooth is active on your smartphone. Put the RE8 into Bluetooth pairing mode. Move closer to the unit and away from other electronic devices.
Poor Radio Reception	Weak signal area; Interference.	Move to an area with better FM signal. Avoid placing the unit near other electronic devices that may cause interference.

TECHNICAL SPECIFICATIONS

Specification	Detail
Model Name	RE8
Speaker Width (Body)	8-1/4 inches
Speaker Width (Overall)	16-3/4 inches
Handlebar Clamp Size	7/8 to 1-1/4 inches
Rated Voltage	12V DC
Max Input Power	10W x 2
Rated Impedance	4 - 8 Ω
Bluetooth Version	4.0
Bluetooth Protocol	AVRVP1.0, GAVDP1.0, ADVTP1.0, A2DP1.0
Wireless Transmission Range	> 15m (49 feet)
Frequency Range	20Hz - 20KHz
AUX-IN	3.5mm
USB Support	USB Drive in MP3 format
LED Color	White
FM Band Cover	87.5 - 108 MHz
FM Sensitivity	≤ 37 dB
FM Distortion	$\leq 0.5\%$
FM SNR	≥ 40 dB
Water Resistance Level	IP56 (Waterproof)
Material	Aluminum

WARRANTY INFORMATION

The GoHawk RE8 comes with a Limited Warranty. For specific details regarding the warranty period, coverage, and terms, please refer to the warranty card included in your product packaging or contact GoHawk customer support directly.

CUSTOMER SUPPORT

For any questions, technical assistance, or support inquiries regarding your GoHawk RE8, please contact us through the following channels:

- **Website:** Visit the official GoHawk website for FAQs, product information, and contact forms.
- **Amazon Store:** You can also visit the [GoHawk Store on Amazon](#) for product details and seller contact options.

Our support team is available to assist you with any product-related concerns.