GoHawk RE9-X

GoHawk RE9-X Motorcycle/UTV Bluetooth Speaker System User Manual

Model: RE9-X

1. INTRODUCTION

Thank you for choosing the GoHawk RE9-X Motorcycle/UTV Bluetooth Speaker System. This manual provides essential information for the proper installation, operation, and maintenance of your new speaker system. Please read this manual thoroughly before use to ensure optimal performance and safety.

Image 1.1: GoHawk RE9-X Speaker System Overview

The GoHawk RE9-X is a waterproof speaker system designed for motorcycles, ATVs, UTVs, 4-wheelers, Go-Karts, and Golf Karts. It features Bluetooth wireless connectivity, an integrated LED light strip, AUX-in, FM radio, and a USB port for MP3 playback.

2. SAFETY INFORMATION

- Always ensure the speaker system is securely mounted to prevent detachment during vehicle operation.
- Verify all wiring connections are correct and insulated to avoid electrical shorts or damage.
- Do not operate the speaker system at excessively high volumes that may impair your ability to hear traffic or emergency signals.
- This product is designed for 12V DC power systems only. Connecting to other voltage sources may cause damage.
- While the unit is waterproof, avoid submerging it in water or exposing it to high-pressure water jets.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 1 x Speaker Stereo Main Unit
- 2 x Mounting Clamps
- 1 x Power Harness
- 1 x User Manual (this document)

4. FEATURES

The GoHawk RE9-X speaker system offers a range of features for an enhanced audio experience:

- **Bluetooth Wireless:** Stream audio from compatible devices.
- **24 White LEDs Strip:** Integrated lighting feature, controllable with one click.
- **USB 2.0 Port:** Supports MP3 file playback from USB drives.
- **AUX-IN:** 3.5mm audio input for wired connections.
- **FM Radio:** Built-in radio tuner.
- **Display with Clock:** Digital display for information and time.
- **Waterproof Design:** Advanced protection against water exposure.
- **Aluminum Housing:** Durable and satin-finished construction.
- **Innovative Mounting:** Ball stub design with 360-degree swivel for flexible installation.

Image 4.1: Key Features of the RE9-X System

5. INSTALLATION AND SETUP

5.1 Handlebar Clearance Measurement

Before installation, measure your handlebar's center clearance. The RE9-X model has an overall width of 18-1/4 inches. If your clearance is smaller, consider the RE8 model (16-3/4 inches overall width).

Image 5.1: Handlebar Clearance Comparison and Wiring Diagram

5.2 Mounting the Speaker System

1. Attach the mounting clamps to your vehicle's handlebar. The clamps support handlebar sizes from 7/8 inch to 1 1/4 inches.
2. Secure the speaker unit to the mounting clamps using the ball stub design. This allows for 360-degree swivel adjustment to achieve the desired angle.
3. Ensure all mounting bolts are tightened securely to prevent movement during operation.

Image 5.2: Mounting Clamp and Swivel Mechanism

5.3 Wiring Connections

The system includes a 59-inch battery cable harness with ring terminal connectors for direct connection to your 12V DC battery.

1. Connect the red wire of the power harness to the positive (+) terminal of your 12V battery.
2. Connect the black wire of the power harness to the negative (-) terminal of your 12V battery.
3. Ensure all connections are tight and properly insulated to prevent short circuits.
4. Route the wiring safely, away from moving parts or heat sources, and secure it with cable ties if necessary.

Image 5.3: Power Harness Wiring Diagram

Image 5.4: Speaker System Mounted on Handlebar

6. Operation

6.1 Power On/Off

Press the **MOD** button to power the unit on or off.

6.2 Mode Selection

Press the **MOD** button repeatedly to cycle through available modes: Bluetooth, FM Radio, AUX-IN, USB.

6.3 Volume Control

Use the **VOL+** and **VOL-** buttons to adjust the volume level.

6.4 Bluetooth Pairing

1. Switch the speaker system to Bluetooth mode. The display will indicate pairing readiness.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "GoHawk RE9-X" (or similar name) from the list to pair.
4. Once paired, you can stream audio wirelessly. The wireless transmission range is typically over 15 meters.

6.5 FM Radio Operation

1. Switch the speaker system to FM Radio mode.
2. Use the **Previous Track** and **Next Track** buttons (often labeled with arrows) to scan for radio stations.
3. The display will show the current frequency (e.g., 94.4 FM).

6.6 USB Playback

1. Insert a USB drive containing MP3 files into the USB port.
2. Switch the speaker system to USB mode.
3. The system will automatically begin playing MP3 files. Use the **Previous Track** and **Next Track** buttons to navigate tracks.

6.7 AUX-IN Usage

Connect an external audio device (e.g., MP3 player) to the 3.5mm AUX-IN port using a standard audio cable. Switch the speaker system to AUX-IN mode to play audio from the connected device.

6.8 LED Light Strip

The integrated 24 white LED strip can be turned on or off with a single click of the dedicated LED button (often indicated by an arrow icon).

Comparison Chart:
Please measure the handlebar width clearance before purchase.

You're buying this > Model: **RE9-X** Total Width: **18-1/4"**

4 1/4"   9 3/4"   4 1/4"

2 3/8"

2 3/8"

7/8 -1 1/4"

Model: **RE8** Total Width: **16-3/4"**

4 1/4"   8 1/4"   4 1/4"

2 3/8"

2 3/8"

7/8 -1 1/4"

Speaker

Wiring Diagram

12V Battery

16"

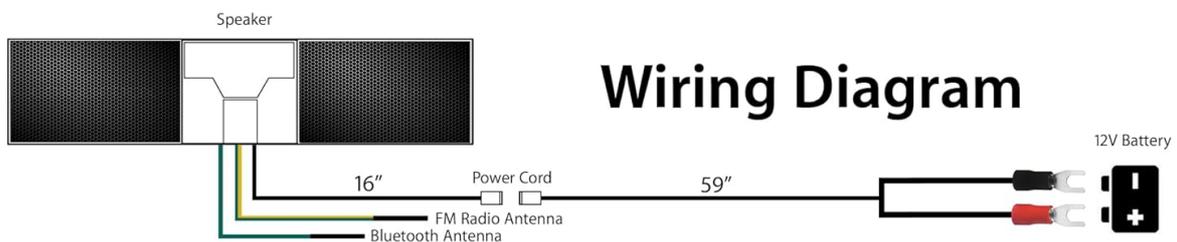Power Cord

59"

FM Radio Antenna

Bluetooth Antenna

Image 6.1: Illuminated LED Strip

6.9 Clock Display

The digital display also functions as a clock. Refer to the specific button on your unit (often labeled **CLK**) for setting the time.

7. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the speaker unit. Avoid harsh chemicals or abrasive cleaners.
- **Waterproof Care:** Although waterproof, ensure all ports (USB, AUX-IN) are covered when not in use to maintain water resistance.
- **Connection Check:** Periodically check all wiring connections for corrosion or looseness, especially after riding in wet conditions.
- **Mounting Security:** Regularly inspect the mounting clamps and bolts to ensure they remain tight and secure.

Image 7.1: Aluminum Housing with Camo Green Finish

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Loose power connection, blown fuse, low battery voltage.	Check power harness connections. Verify battery voltage. Inspect vehicle's fuse box.
No sound	Volume too low, incorrect mode, device not paired (Bluetooth), faulty cable (AUX).	Increase volume. Select correct input mode. Re-pair Bluetooth device. Check AUX cable.

Problem	Possible Cause	Solution
Bluetooth not connecting	Speaker not in pairing mode, device too far, interference.	Ensure speaker is in Bluetooth mode. Move device closer. Restart both devices.
Poor FM reception	Weak signal, interference, antenna obstruction.	Relocate vehicle for better signal. Scan for stronger stations.
USB playback issues	Unsupported file format, corrupted USB drive, drive not properly inserted.	Ensure files are MP3 format. Try a different USB drive. Reinsert USB drive.

9. SPECIFICATIONS

Feature	Specification
Model	RE9-X
Rated Voltage	12V DC
Max Input Power	12W x 2
Rated Impedance	4 - 8 Ω
Bluetooth Version	4.0
Wireless Transmission Range	> 15m (49.21 feet)
Frequency Range	20Hz - 20KHz
FM Cover	87.5 - 108 MHz
FM Sensitivity	≤37dB
FM Distortion	≤0.5%
FM SNR	≥40dB
AUX-IN	3.5mm Jack
USB Support	USB Drive in MP3 format
Speaker Width (Body)	9-3/4 in.
Speaker Width (Overall)	18-1/4 in.
Handlebar Clamp Size	7/8 to 1-1/4 in.
Material	Aluminum
Water Resistance Level	Waterproof

10. WARRANTY INFORMATION

This GoHawk product comes with a limited warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your purchase or contact GoHawk customer support.

11. CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your GoHawk RE9-X speaker system that are not covered in this manual, please contact GoHawk customer support for assistance. Contact information can typically be found on the product packaging or the official GoHawk website.