GoHawk RD8 Gen.2

GoHawk RD8 Gen.2 Motorcycle Stereo Speaker System User Manual

Model: RD8 Gen.2 | Brand: GoHawk

1. INTRODUCTION AND OVERVIEW

The GoHawk RD8 Gen.2 is a robust and versatile audio system designed for motorcycles, scooters, ATVs, and electric bikes. It features a waterproof aluminum housing, high-performance built-in amplifier, and superb crystal sound quality, making it ideal for outdoor use. This second-generation model includes updated mounting clamps supporting 7/8" to 1 1/4" handlebars, optional stainless steel extension mounting brackets for custom installation, and an 80" battery cable harness with ring terminal connectors for easy setup.

Enjoy your favorite music and radio channels via Bluetooth wireless streaming, 3.5mm AUX input, or USB drive playback. The system also includes an FM radio and a digital clock display.
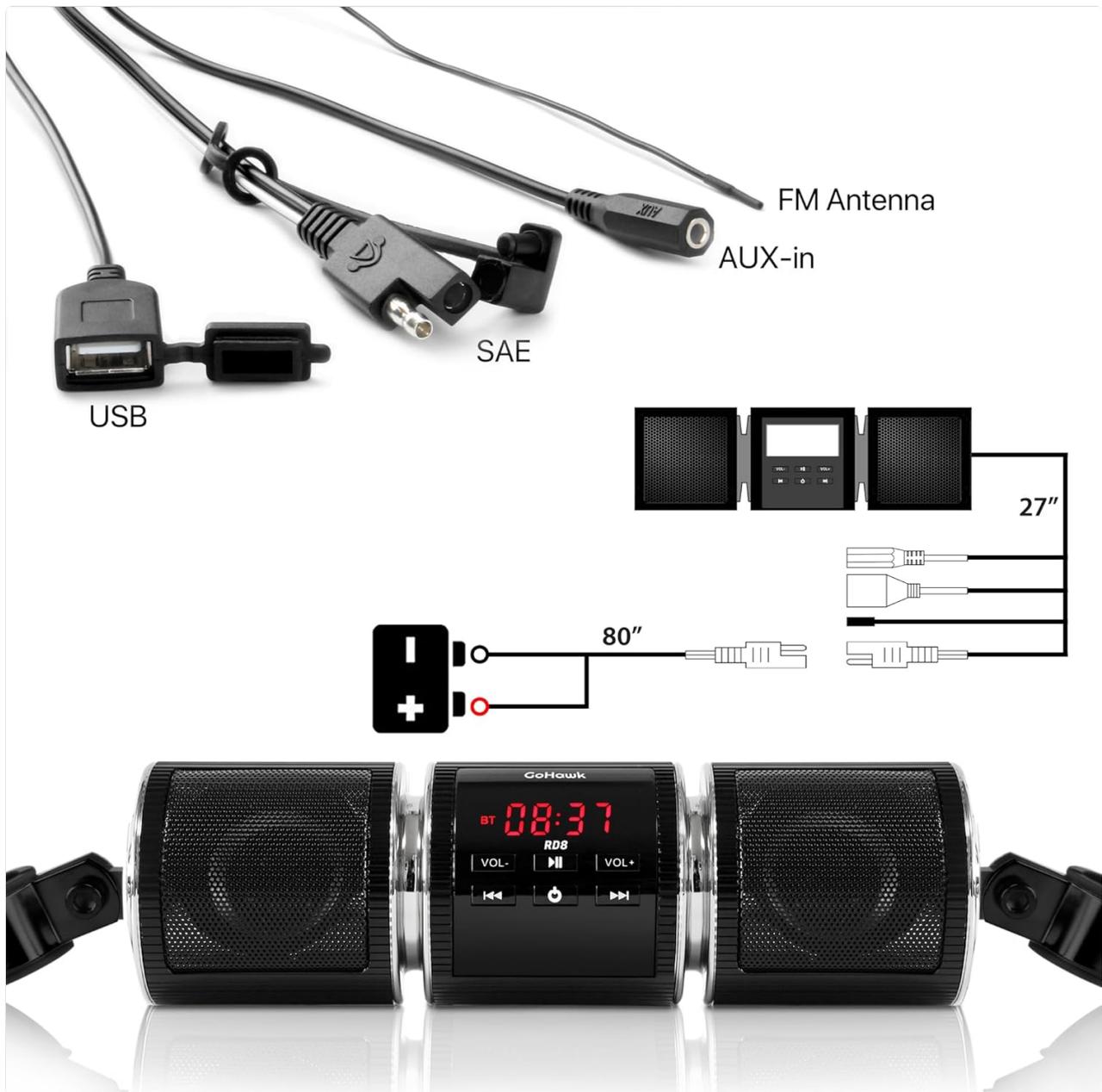
GoHawk RD8 Gen.2 Motorcycle Stereo Speakers

2. WHAT'S IN THE BOX

Upon opening your GoHawk RD8 Gen.2 package, you will find the following components:

- 1 x Speaker Stereo Main Unit (Soundbar)
- 2 x Mounting Clamps (supports 7/8" to 1 1/4" handlebars)
- 2 x Stainless Steel Extension Brackets
- 1 x Power Harness (80" long SAE power cord with ring terminal connector)
- 1 x User Manual
- 1 x 3.5mm Audio Jack AUX Cable
- Zip Ties for cable management

Included components of the GoHawk RD8 Gen.2 system.

3. FEATURES

The GoHawk RD8 Gen.2 offers a range of features for an enhanced audio experience on your ride:

- **Bluetooth Wireless:** Seamlessly stream music and radio from your smartphone (compatible with various iPhone and Android models). Supports connection up to 15 meters.
- **3.5mm Audio Jack AUX IN:** Connect external audio devices directly.
- **USB 2.0 Port:** Play MP3 files directly from a USB drive. (Note: USB charging is NOT supported).
- **FM Radio:** Enjoy your favorite radio stations on the go.
- **Digital Clock Display:** Convenient time display.
- **Waterproof Design:** Advanced waterproof construction for durability in various weather conditions.
- **Aluminum Housing:** Durable and robust construction.
- **High-Performance Amplifier:** Built-in amplifier for superb crystal sound quality.
- **Versatile Mounting:** New mounting clamps support 7/8" to 1 1/4" handlebars, with optional stainless steel

extension brackets for custom installation.

- **Easy Installation:** Comes with all necessary hardware and wiring for a plug-and-play setup.

Key features of the GoHawk RD8 Gen.2 system.

4. SPECIFICATIONS

Specification	Value
Model Name	RD8 Gen. 2
Color	RD8 Black
Rated Voltage	12V DC
Max Input Power	7W x 2
Rated Impedance	4 - 8Ω

Specification	Value
Bluetooth Version	2.1+EDR
Wireless Transmission Range	> 15m
Frequency Range	20Hz - 20KHz
FM Cover	87.5 - 108 MHz
FM Sensitivity	≤37dB
FM Distortion	≤0.5%
FM SNR	≥40dB
Speaker Dimensions	8.25 x 2.5 in.
Handlebar Clamp Size	7/8 to 1 1/4 in.
Material	Aluminum
Item Weight	1.5 pounds
Is Waterproof	TRUE

5. SETUP AND INSTALLATION

The GoHawk RD8 Gen.2 is designed for easy installation. Follow these steps to set up your system:

5.1. Mounting the Soundbar

1. Attach the mounting clamps to your motorcycle's handlebar. The clamps support handlebar sizes from 7/8" to 1 1/4".
2. If needed, use the included stainless steel extension brackets for more custom installation or to extend the mounting reach.
3. Securely fasten the soundbar to the mounting clamps using the provided hardware. Ensure the soundbar is positioned for optimal sound projection and visibility of the display.

Gen.2 mounting clamp and optional extension bracket.

5.2. Wiring Instructions

The system uses a standard 12V power connection. The 80" long SAE power cord with ring terminal connectors simplifies wiring.

- Connect the RED wire to the positive (+) terminal of your motorcycle's 12V battery.
- Connect the BLACK wire to the negative (-) terminal of your motorcycle's 12V battery.
- Use the provided zip ties to secure any loose wiring, ensuring it is clear of moving parts and heat sources.

Wiring diagram for the GoHawk RD8 Gen.2 system.

5.3. Installation Video Guide

For a visual guide on unboxing and installation, please refer to the official GoHawk video below:

Official GoHawk RD8 Gen.2 Motorcycle Speakers Soundbar Open Box and Installation Video. This video demonstrates the unboxing process, how to set up the extension brackets, and the wiring connections for the soundbar.

6. OPERATING INSTRUCTIONS

Once installed and powered, operate your GoHawk RD8 Gen.2 using the control panel on the main unit:

6.1. Power On/Off

- Press and hold the **PWR** button to turn the unit ON or OFF.

6.2. Mode Selection

- Press the **MODE** button to cycle through available modes: FM Radio, Bluetooth, and AUX.

6.3. Volume Control

- Press **VOL+** to increase the volume.
- Press **VOL-** to decrease the volume.

6.4. FM Radio Operation

- In FM Radio mode, use the|<< and >>| buttons to change radio stations.

6.5. Bluetooth Pairing

- Switch the soundbar to Bluetooth mode. The display will indicate it's ready for pairing.
- On your smartphone or Bluetooth device, search for available devices and select "GoHawk" to pair.
- Once paired, you can stream audio wirelessly from your device.

6.6. USB Playback

- Insert a USB drive containing MP3 files into the USB port. The unit will automatically switch to USB mode and begin playback.
- Use the |<< and >>| buttons to skip tracks.

6.7. AUX Input

- Connect your external audio device (e.g., MP3 player) to the 3.5mm AUX IN jack using the provided AUX cable.
- Switch the soundbar to AUX mode. Audio will play from your connected device.

7. MAINTENANCE

To ensure the longevity and optimal performance of your GoHawk RD8 Gen.2 system, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the unit with a soft, damp cloth to remove dust and dirt. Avoid using harsh chemicals or abrasive cleaners.
- **Water Exposure:** While the unit is waterproof, avoid prolonged submersion. Ensure all port covers are securely closed when not in use, especially during rain or washing.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Storage:** If storing the motorcycle for an extended period, consider disconnecting the power to the unit to prevent battery drain.

8. TROUBLESHOOTING

If you encounter any issues with your GoHawk RD8 Gen.2, refer to the following common troubleshooting tips:

- **No Power:**

- Check all power connections (RED to positive, BLACK to negative) to ensure they are secure.
- Verify your motorcycle's battery has sufficient charge.
- Inspect the power harness for any visible damage or frayed wires.

- **No Sound:**

  - Ensure the volume is turned up on both the soundbar and your connected device (if using Bluetooth or AUX).
  - Confirm the correct mode (FM, Bluetooth, AUX, USB) is selected.
  - If using AUX, ensure the cable is fully inserted and not damaged.
  - If using USB, ensure the USB drive is formatted correctly and contains compatible MP3 files.

- **Bluetooth Pairing Issues:**

  - Ensure the soundbar is in Bluetooth pairing mode.
  - Turn off and on your device's Bluetooth, then try pairing again.
  - Ensure your device is within the 15-meter wireless transmission range.
  - Clear previous Bluetooth connections on your device if you have too many saved.

- **Poor FM Radio Reception:**

  - Ensure the FM antenna wire is properly extended and positioned for best reception.
  - Avoid routing the antenna wire near other electrical wires that may cause interference.

If these steps do not resolve your issue, please contact GoHawk customer support for further assistance.

9. WARRANTY AND SUPPORT

The GoHawk RD8 Gen.2 comes with a Limited Warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For any questions, technical support, or warranty claims, please contact GoHawk customer service:

- **Website:** GoldenHawkUSA.com
- Refer to your user manual for additional contact information.