GoHawk AN4 Black

GoHawk AN4 Gen.3 Motorcycle Stereo Speakers User Manual

Model: AN4 Black

1. INTRODUCTION

Thank you for choosing the GoHawk AN4 Gen.3 All-in-One Built-in Amplifier Motorcycle Stereo Speakers. This system is designed to provide high-quality audio for your motorcycle, ATV, RZR, UTV, or 4-wheeler, featuring a built-in amplifier, Bluetooth connectivity, AUX input, and USB support. This manual will guide you through the installation, operation, and maintenance of your new audio system to ensure optimal performance and longevity.

2. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installation and operation. Failure to follow these guidelines may result in injury, damage to the product, or damage to your vehicle.

- **Power Connection:** Connect the system to a standard 12V power source. Ensure proper polarity to prevent damage. It is recommended to wire the system to a switched power source to prevent battery drain when the vehicle is off.
- **Water Resistance:** The GoHawk AN4 Gen.3 features an IP56 waterproof design, making it suitable for outdoor use. However, avoid submerging the unit in water or exposing it to high-pressure water jets.
- **Volume Control:** Always maintain a safe listening volume. Excessive volume can impair your ability to hear traffic sounds and may cause hearing damage.
- **Installation:** If you are unsure about any part of the installation process, consult a qualified technician. Ensure all wiring is secured and does not interfere with vehicle operation.

3. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- 1 x Master Speaker
- 1 x Slave Speaker
- 1 x Wired Control
- 1 x SAE Power Cord

- 1 x AUX Cable
- 2 x Mounting Clamp Sets
- Mounting Hardware (screws, nuts, washers)
- 1 x User Manual

Image: All components included in the GoHawk AN4 Gen.3 package, laid out with a wiring diagram.

4. PRODUCT OVERVIEW AND FEATURES

The GoHawk AN4 Gen.3 is an integrated audio solution designed for powersports vehicles. Key features include:

- **Built-in Amplifier:** No external amplifier required, simplifying installation.
- **Full Range Speakers:** 4-inch speakers with high-performance bass.
- **Bluetooth Wireless:** Seamless streaming from smartphones and other Bluetooth-enabled devices up to 15 meters.
- **Multiple Inputs:** 3.5mm AUX input for wired connections and USB input for playing music from a USB drive.
- **Wired Control:** Full-function wired control for easy operation while riding.

- **Durable Design:** Glossy black finished housing with heavy-duty clamps and IP56 waterproof rating.
- **Universal Fit:** Designed for 1 to 1.25-inch handlebars.

4" Diameter x 5" Length

4 in.

High Performance

Support USB Drive

USB Port

Included Mini Sized Control

Wired Control

3.5mm AUX Port

AUX IN

IP56 Rating

Waterproof

BT Wireless

Image: Visual representation of the GoHawk AN4 Gen.3's key features, including size, connectivity options, and waterproof rating.

Image: Depiction of the aerodynamic design of the GoHawk AN4 Gen.3 speaker.

5. SETUP AND INSTALLATION

Follow these steps for proper installation of your GoHawk AN4 Gen.3 system.

5.1 Mounting the Speakers

1. Select a suitable location on your handlebar (1 to 1.25 inches in diameter) that does not obstruct your view or vehicle controls.
2. Attach the mounting clamps to the speakers and then to the handlebar. Ensure the clamps are securely tightened.
3. Adjust the speaker angle for optimal sound projection. The speakers feature a swivel mount for flexible positioning.

Image: GoHawk AN4 Gen.3 speakers installed on a motorcycle handlebar, demonstrating their compact and integrated appearance.

Image: Close-up of the GoHawk AN4 Gen.3 speaker's swivel mounting mechanism, allowing for angle adjustment.

5.2 Wiring Connections

The system uses a plug-and-play design for easy connection. Refer to the wiring diagram for detailed connections.

1. Connect the Master Speaker to the Slave Speaker.
2. Connect the wired control to its designated port.
3. Connect the SAE power cord to the system.
4. Connect the SAE power cord to your vehicle's 12V power source. It is highly recommended to connect to a switched power source (e.g., ignition-controlled) to prevent battery drain. An SAE to Ring Terminal battery cable is included for direct battery connection, but use with caution regarding battery drain.
5. If using AUX or USB, connect the respective cables.

Image: Detailed views of various wiring connections for the GoHawk AN4 Gen.3 system.

6. OPERATING INSTRUCTIONS

Learn how to use the various functions of your GoHawk AN4 Gen.3 audio system.

6.1 Power On/Off

Press and hold the power button on the wired control to turn the system on or off.

6.2 Bluetooth Connection

1. Ensure the GoHawk AN4 Gen.3 system is powered on.
2. On your smartphone or Bluetooth device, enable Bluetooth and search for available devices.
3. Select "GOHAWK" from the list of devices to pair. A confirmation tone will sound upon successful connection.
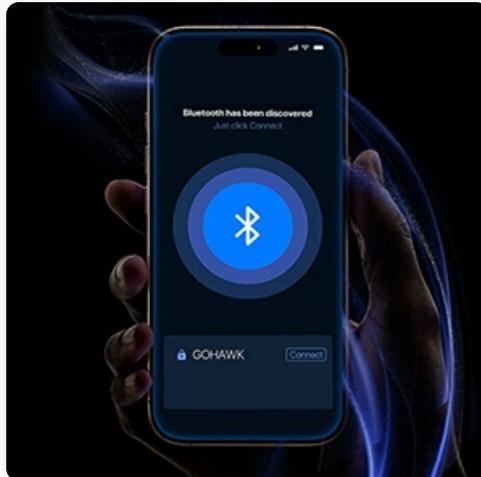4. You can now stream audio wirelessly from your device.

Image: Illustration of connecting a smartphone to the GoHawk system via Bluetooth.

6.3 AUX Input

Connect your audio device (e.g., MP3 player, iPod) to the 3.5mm AUX input using the provided AUX cable. The system will automatically switch to AUX mode when a connection is detected.

Image: Close-up of the 3.5mm AUX input port.

6.4 USB Playback

Insert a USB drive containing audio files into the USB port. The system supports USB drive playback only (does not support USB to phone as music playback or USB charging).

Image: Illustration of the USB port and its function for playing music from a USB drive.

6.5 Wired Control Functions

The wired control provides convenient access to essential functions:

- **Power Button:** Press and hold to turn on/off.
- **Volume Up/Down:** Adjust the audio volume.
- **Play/Pause:** Control media playback.
- **Next/Previous Track:** Skip between songs.

Image: Detailed view of the wired control unit, highlighting its buttons and functions.

7. MAINTENANCE

Proper maintenance will extend the life of your GoHawk AN4 Gen.3 system.

- **Cleaning:** Use a soft, damp cloth to clean the speakers and control unit. Avoid harsh chemicals or abrasive cleaners.
- **Water Exposure:** While waterproof, it is advisable to wipe down the unit after heavy rain or washing to prevent water spots and mineral buildup.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Storage:** If storing your vehicle for an extended period, consider disconnecting the power cable from the battery to prevent battery drain.

8. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
No power	Loose power connection; Blown fuse; Low battery voltage.	Check all power connections; Inspect and replace fuse if necessary; Charge vehicle battery.
No sound	Volume too low; Incorrect input mode; Loose speaker connection; Device not paired (Bluetooth).	Increase volume; Ensure correct input (Bluetooth/AUX/USB); Check speaker wires; Re-pair Bluetooth device.
Bluetooth not connecting	Device out of range; Bluetooth not enabled on device; Previously paired with another device.	Move device closer (within 15m); Enable Bluetooth on your device; Disconnect from other devices and try pairing again.
Distorted sound	Volume too high; Poor audio source quality; Loose connections.	Reduce volume; Try a different audio source; Check all wiring connections.
USB playback issues	Unsupported file format; USB drive not formatted correctly; USB drive not fully inserted.	Ensure audio files are in a supported format; Format USB drive to FAT32; Re-insert USB drive firmly.

9. SPECIFICATIONS

Feature	Specification
Model Name	AN4 Black
Input Voltage	12 Volts
Speaker Type	Full Range Motorcycle Stereo Speakers
Speaker Size	4 Inches
Speaker Maximum Output Power	300 Watts
Impedance	4 Ohm
Signal-to-Noise Ratio	80 dB
Frequency Response	20 KHz
Connectivity Technology	Bluetooth, Auxiliary, USB
Bluetooth Range	15 Meters
Water Resistance Level	IP56 Waterproof
Mounting Type	Handlebar Mount (1 to 1.25 inches)
Product Dimensions	5"D x 4"W x 8"H
Item Weight	4 Pounds
Material	Aluminum, Plastic, Metal

10. WARRANTY AND SUPPORT

GoHawk products come with a limited warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official GoHawk website. For technical support, troubleshooting assistance, or replacement parts, please contact GoHawk customer service through their official channels.

GoHawk Customer Service: Refer to your product packaging or the GoHawk official website for contact information.