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## GoHawk ATN4

# GoHawk ATN4 All-in-One Waterproof Bluetooth ATV UTV Stereo Speakers Instruction Manual

Model: ATN4 | Brand: GoHawk

## 1. INTRODUCTION

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The GoHawk ATN4 is an all-in-one stereo speaker system designed for ATV, RZR, UTV, and other powersports vehicles. It features a built-in amplifier, eliminating the need for external amplification. The system is waterproof and includes Bluetooth connectivity, FM radio, USB, and microSD card playback options. Integrated white and blue LED effects enhance the visual experience.

### Key Features:

- Built-in Amplifier (2 x 20W Rated, 180W Peak)
- Bluetooth 4.0 Receiver for wireless audio streaming
- USB Input (supports MP3 format from USB drives)
- microSD Slot for MP3 playback
- Built-in FM Radio (87 - 108 MHz)
- White / Blue LED Effects (not for illumination)
- Waterproof Design (IP56 rated)
- Durable ABS Speaker Housing
- Adjustable Roll-cage Bar Mounting Clamps (1.5 to 2 inch)

## 2. PACKAGE CONTENTS

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Please verify that all items listed below are included in your package:

- 1 x Master Speaker
- 1 x Slave Speaker
- 1 x Power Cord (120 inches long)
- 2 x Roll-cage Bar Mounting Clamps

- 1 x User Manual (this document)

### 3. SAFETY INFORMATION

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- Ensure the vehicle's power is off before installation to prevent electrical shock or damage.
- Connect the power cord correctly: Red to positive (+), Black to negative (-).
- Do not immerse the speakers in water, despite their waterproof rating. They are designed to withstand splashes and rain.
- Verify speaker dimensions (5" W x 6-1/4" L x 5-3/4" H) to ensure adequate room and clearance for installation.
- LED lights are for effect only and not intended for illumination purposes.
- Always secure the speakers firmly using the provided clamps to prevent detachment during vehicle operation.

### 4. INSTALLATION GUIDE

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#### 4.1 Mounting the Speakers

The GoHawk ATN4 speakers are designed for easy installation on roll-cage bars ranging from 1.5 to 2 inches in diameter. The clamps can also fit certain motorcycle engine crash bars.

1. Select a suitable location on your vehicle's roll bar that provides optimal sound dispersion and does not obstruct your view or vehicle controls.
2. Attach the provided roll-cage bar mounting clamps to the speakers. Ensure they are securely fastened.
3. Position the speakers on the roll bar and tighten the clamps firmly. Adjust the angle for desired sound direction.



Image 1: GoHawk ATN4 speakers securely mounted on a vehicle's roll bar.



Image 2: Detailed dimensions of the GoHawk ATN4 speakers, including the roll-cage mounting clamp.

## 4.2 Wiring the System

The system is designed for plug-and-play installation with a standard 12V power connection.

1. Connect the 5-pin connector from the slave speaker to the master speaker. The slave speaker cable is 50 inches long.
2. Connect the 120-inch long power cord to the master speaker.
3. Route the power cord to your vehicle's 12V power source (e.g., battery). Connect the red wire to the positive (+) terminal and the black wire to the negative (-) terminal.
4. Ensure all connections are secure and insulated to prevent short circuits.

## 5. OPERATING INSTRUCTIONS



Image 3: Front view of the GoHawk ATN4 speakers, highlighting the control panel.

### 5.1 Power On/Off

- Press and hold the power button on the master speaker's control panel to turn the system on or off.

### 5.2 Bluetooth Pairing

1. Ensure the GoHawk ATN4 is powered on.

2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "GOHAWK" from the list to pair. A confirmation tone will sound upon successful pairing.
4. The wireless transmission range is greater than 15 meters.

### 5.3 FM Radio Operation

- Press the 'Mode' button on the control panel to switch to FM Radio mode.
- Use the track skip buttons (forward/backward) to scan for radio stations.

### 5.4 USB and MicroSD Playback

- Insert a USB drive or microSD card (containing MP3 files) into the respective slot on the master speaker.
- The system will automatically switch to USB or microSD mode and begin playing.
- Use the play/pause and track skip buttons to control playback.



Image 4: Overview of connectivity options including Bluetooth, USB, microSD, and FM Radio.

### 5.5 LED Effects

- The speakers feature white and blue LED effects. These are for aesthetic purposes only.
- Specific controls for LED effects may be integrated into the main control panel or cycle automatically.



Image 5: Close-up view of the blue and white LED effects on the speaker.

## 6. SPECIFICATIONS

| Feature            | Detail                                |
|--------------------|---------------------------------------|
| Model Name         | ATN4                                  |
| Speaker Type       | Speaker Systems                       |
| Material           | Acrylonitrile Butadiene Styrene (ABS) |
| Color              | Black                                 |
| Speaker Core       | 4 Inches                              |
| Product Dimensions | 6.25"D x 5"W x 5.75"H                 |
| Item Weight        | 4 Pounds                              |

|                             |                                     |
|-----------------------------|-------------------------------------|
| Input Voltage               | DC 10-16 V (Standard 12V)           |
| Rated Input Power           | 2 x 20W                             |
| Peak Power                  | 180W                                |
| Channel                     | 2.0 Stereo                          |
| Wireless Transmission Range | > 15m                               |
| Response Frequency          | 20Hz-20KHz                          |
| Signal-to-Noise Ratio (S/N) | >80dB                               |
| FM Cover                    | 87 - 108 ( $\pm$ 0.55MHz)           |
| FM Sensitivity              | $\leq$ 11dB                         |
| FM Distortion               | $\leq$ 0.5%                         |
| FM SNR                      | $\geq$ 60dB                         |
| Water Resistance Level      | IP56 Waterproof                     |
| Mounting Type               | Roll-cage Bar Mounting (1.5" to 2") |

## 7. MAINTENANCE

- **Cleaning:** Regularly wipe the speakers with a damp cloth to remove dirt and debris. Avoid using harsh chemicals or abrasive cleaners. Do not use high-pressure washers directly on the speakers.
- **Storage:** When not in use for extended periods, store the speakers in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically check all cables and connections for any signs of wear, damage, or corrosion. Replace damaged cables immediately.

## 8. TROUBLESHOOTING

### 8.1 No Power

- Check the power connections to ensure they are secure and correctly wired (red to positive, black to negative).
- Verify that the vehicle's battery has sufficient charge.
- Ensure the power button on the master speaker is pressed and held for a few seconds to turn on.

### 8.2 No Sound or Low Volume

- Increase the volume on both the speaker system and your connected device.
- Ensure the Bluetooth device is properly paired and within range.
- If using USB/microSD, ensure the files are in MP3 format and the media is inserted correctly.
- Check the connection between the master and slave speakers.

### 8.3 Bluetooth Disconnection

- Ensure your device is within the 15-meter wireless transmission range.
- Check for any obstructions between your device and the speakers.
- Try unpairing and re-pairing the device.

## **9. WARRANTY AND SUPPORT**

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The GoHawk ATN4 speaker system comes with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or contact GoHawk customer support.

For technical assistance, troubleshooting, or any product-related inquiries, please visit the official GoHawk website or contact their customer service department. Contact information is typically provided in the packaging or on the product's official support page.