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GoHawk TJ4-Q

GoHawk TJ4-Q Motorcycle Stereo System User Manual

Model: TJ4-Q

INTRODUCTION

The GoHawk TJ4-Q is a powerful 1000W 4-channel amplifier system paired with 4-inch full-range waterproof Bluetooth motorcycle stereo speakers. This system is designed to provide high-quality audio for your motorcycle, ATV, UTV, or other powersports vehicles. It features multiple audio input options including Bluetooth 5.0, AUX, USB, SD card, and FM Radio, all controllable via a convenient wired remote. The speakers are built with durable, waterproof materials for outdoor use, ensuring your music accompanies you on every adventure.

WHAT'S IN THE BOX

Upon opening your GoHawk TJ4-Q package, you will find the following components:

- 1 x Amplifier Unit
- 4 x Speakers (4-inch full range)
- 1 x Wired Control Unit
- 1 x DC Power Cord
- 4 x Mounting Clamps (for 1 to 1.5 inch handlebars)
- 2 x External Antennas (for Bluetooth and FM Radio)
- 1 x AUX Cable
- Necessary Hardware (screws, fuses)
- 1 x User Manual

Below is an illustration of all components included in the package:



Figure 1: GoHawk TJ4-Q System Components

For a visual guide on unboxing and reviewing the components, please watch the official video below:

Video 1: GoHawk TJ4-Q Motorcycle ATV Speakers Open Box Video. This video provides an unboxing and review of the GoHawk TJ4-Q amplified stereo speakers, demonstrating the contents of the package and initial setup steps.

SETUP AND INSTALLATION

Mounting the Speakers

The GoHawk TJ4-Q speakers are designed for easy installation on handlebars ranging from 1 to 1.5 inches in diameter. The included X-Large Mounting Clamps ensure a secure fit. Follow these steps to mount your speakers:

1. Attach the larger bracket of the mounting clamp to the speaker, ensuring the loop faces outwards.
2. Secure the smaller screws into the four designated slots on the bracket.
3. Place the other side of the mounting bracket into position.
4. Insert the longer screws through the back, ensuring the screws face outwards, and tighten them to secure the bracket to

the speaker.

5. Attach the assembled speaker and bracket to your motorcycle's handlebar using the appropriate clamp size. The clamps are 360-degree adjustable for optimal positioning.

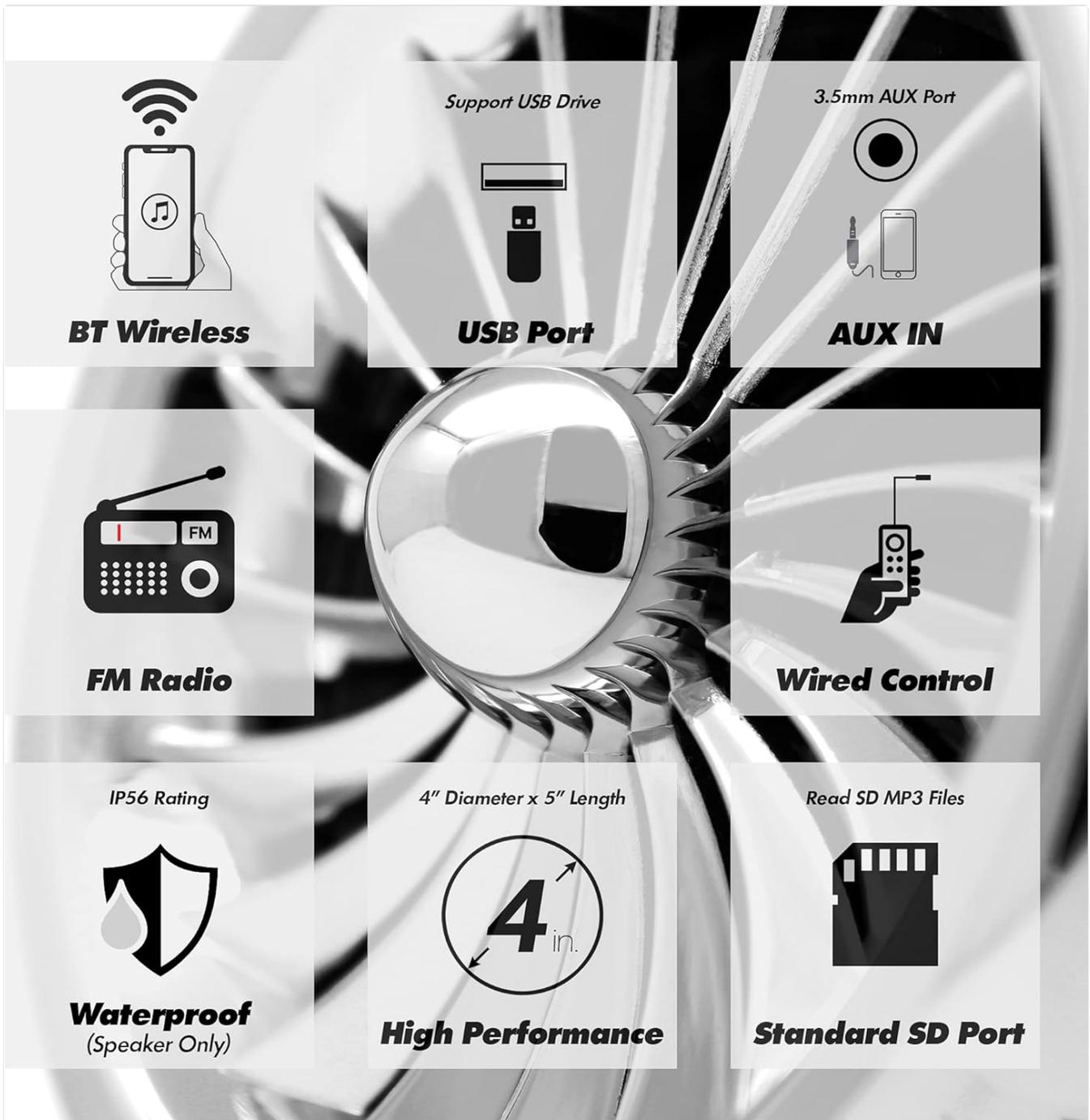


Figure 2: Speakers Mounted on Handlebar



Figure 3: Speaker Mounting Mechanism

Wiring Instructions

Proper wiring is crucial for the system's performance. Refer to the wiring diagram and instructions below:

1. **Power Connection:** Connect the DC power cable to the amplifier's DC 10-16V input. Ensure the red wire connects to the positive (+) terminal of your 12V power source (e.g., motorcycle battery) and the black wire connects to the negative (-) terminal.
2. **Speaker Connection:** Plug each of the four speaker cables into the corresponding RCA (R-SP for Right Speaker, L-SP for Left Speaker) output ports on the amplifier.
3. **Wired Control Connection:** Connect the wired control unit's cable to the 'RE' jack on the amplifier.
4. **Antenna Connection:** Attach the two external antennas to the 'BT' (Bluetooth) and 'AT' (FM Radio) ports on the amplifier.



Figure 4: Amplifier Wiring Diagram

OPERATING INSTRUCTIONS

The GoHawk TJ4-Q system offers versatile control and audio input options.

Powering On and Mode Selection

- To turn the unit ON or OFF, press and hold the top button on the wired control.
- To cycle through different audio modes (Bluetooth, FM Radio, Auxiliary Input), short press the top button on the wired control. The LCD display on the amplifier will indicate the current mode.

Bluetooth Connection

To connect your smartphone or other Bluetooth device:

1. Ensure the amplifier is powered on and in Bluetooth mode. The Bluetooth indicator on the amplifier's display will flash.
2. On your device, enable Bluetooth and search for available devices.
3. Select "GOHAWK" from the list to pair. A voice prompt will confirm "Bluetooth is connected" once successful.

Wired Control Functions

The wired control provides convenient access to key functions:

- **Power ON/OFF:** Press and hold the top button.
- **Mode Change:** Short press the top button.
- **Volume Adjustment:** Use the '+' and '-' buttons.
- **Track/Station Navigation:** Use the 'Previous' and 'Next' buttons.
- **Play/Pause:** Use the 'Play/Pause' button.

Other Audio Inputs

The system supports various other audio sources:

- **AUX Input:** Connect your device using the included 3.5mm AUX cable to the AUX port on the amplifier. Switch to Auxiliary Input mode via the wired control.
- **USB/SD Card:** Insert a USB drive or SD card containing MP3 files into the respective slots on the amplifier. The system will automatically detect and play the files.
- **FM Radio:** In FM Radio mode, the system will automatically scan for available stations. Use the track navigation buttons on the wired control to change stations.



Figure 5: Amplifier Front and Rear Panels

MAINTENANCE

Proper maintenance will extend the life and performance of your GoHawk TJ4-Q system.

Cleaning

Regularly clean the speakers and amplifier unit. Use a soft, damp cloth to wipe down surfaces. Avoid using harsh chemicals or abrasive cleaners, which can damage the finish or electronic components.

Waterproofing

The speakers are designed with an advanced IP56 waterproof rating, making them suitable for outdoor use and resistant to water splashes. While the speakers are waterproof, the amplifier unit is not. Ensure the amplifier is installed in a location protected from direct water exposure. Always ensure all connections are secure to prevent water ingress.



Figure 6: Speaker Waterproofing

TROUBLESHOOTING

If you encounter issues with your GoHawk TJ4-Q system, refer to the common problems and solutions below:

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, low battery voltage.	Check all power connections. Replace the fuse if blown (an extra fuse is provided). Ensure your vehicle's battery has sufficient charge (standard 12V).
No Sound	Incorrect input mode, loose speaker connections, volume too low, faulty audio source.	Verify the correct input mode is selected. Check all speaker RCA connections. Increase volume. Test with a different audio source.
Bluetooth Pairing Issues	Device too far, interference, system not in pairing mode.	Ensure your device is within 15 meters (49 ft) of the amplifier. Minimize interference from other electronic devices. Confirm the amplifier is in Bluetooth mode. Try restarting both the amplifier and your device.

Problem	Possible Cause	Solution
Poor FM Radio Reception	Weak signal, antenna not properly connected or positioned.	Ensure the FM antenna is securely connected. Try repositioning the antenna for better signal reception.

For more detailed troubleshooting, please refer to the complete user manual included in your package.

SPECIFICATIONS

Key technical specifications for the GoHawk TJ4-Q system:

- **Output Wattage:** 1000 Watts (Max)
- **Number of Channels:** 4
- **Speakers:** 4" Full Range, Chrome Finished Housing, Waterproof (IP56)
- **Amplifier Material:** Aluminum (for solid build and better heat dissipation)
- **Mounting Type:** Handlebar Mount (supports 1 to 1.5" bar size)
- **Connectivity Technology:** Bluetooth 5.0, AUX, USB, SD Card
- **Bluetooth Range:** Up to 15 meters (49 feet)
- **Power Source:** Corded Electric (Standard 12V connection)
- **Voltage:** 16 Volts
- **Frequency Response:** 4 KHz
- **Item Weight:** 6 Pounds
- **Product Dimensions:** Amplifier: 5 x 4 x 4 inches (approximate)

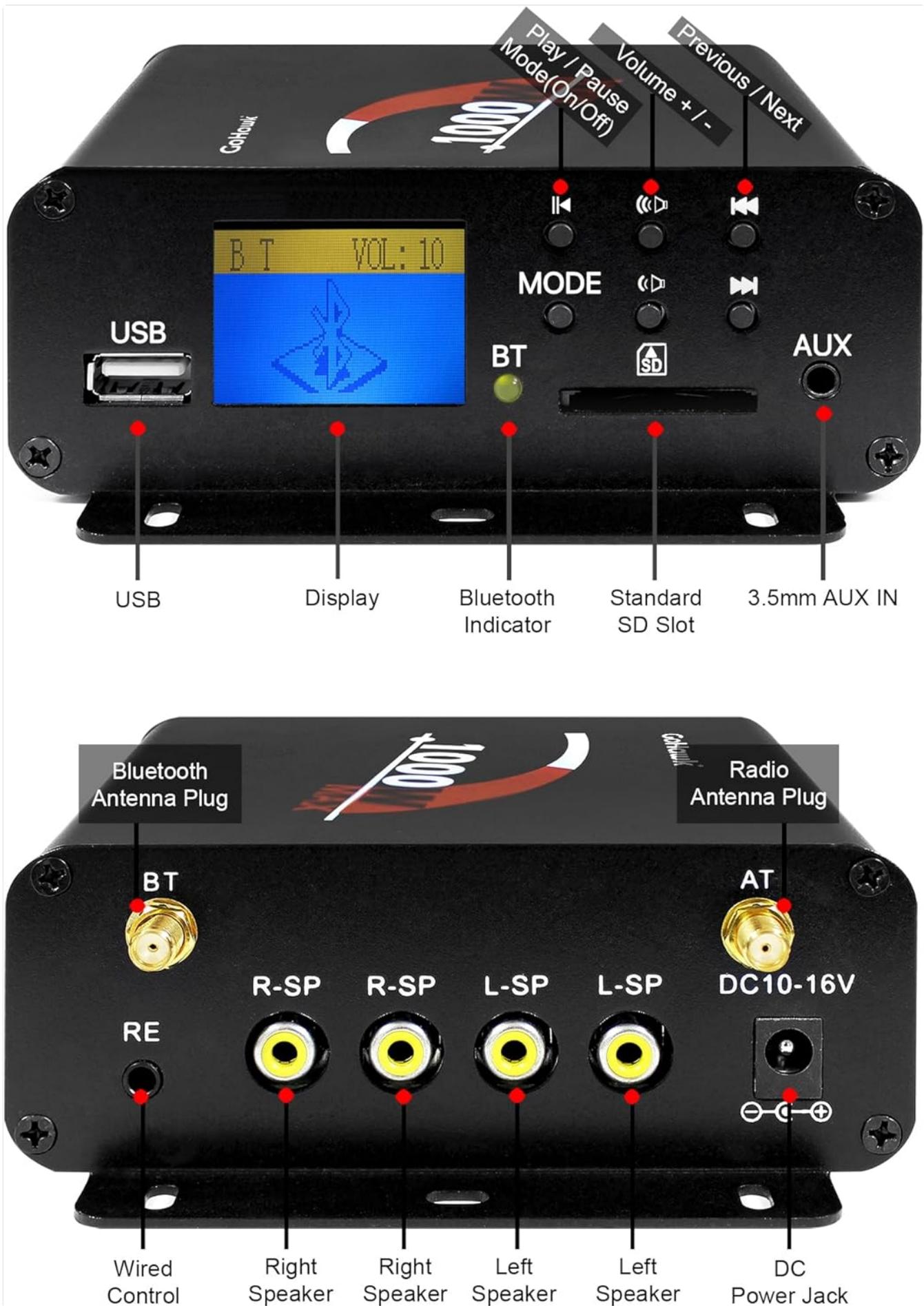


Figure 7: Product Dimensions

GoHawk products typically come with a standard manufacturer's warranty covering defects in materials and workmanship. Please refer to the warranty information provided in your user manual for specific terms and conditions, including warranty period and coverage details.

For further assistance, technical support, or any inquiries regarding your GoHawk TJ4-Q system, please visit GoHawk USA's official website or contact their customer support team. They are available to help with installation questions, troubleshooting, and other product-related concerns.

Official Website: GoldenHawkUSA.com