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› [GoHawk](#) /

› [GoHawk TL54-Titan UTV Stereo Audio Amplifier System User Manual](#)

GoHawk TL54-Titan

GoHawk TL54-Titan UTV Stereo Audio Amplifier System

User Instruction Manual

Model: TL54-Titan | Brand: GoHawk

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GoHawk TL54-Titan Bluetooth UTV Stereo Audio Amplifier System. This system is designed to deliver high-quality audio in challenging outdoor environments, making it ideal for UTVs, ATVs, marine boats, and motorcycles. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the system:

- **Power Source:** Connect the system only to a 12-volt DC power source with a negative ground. Ensure proper polarity to avoid damage.
- **Wiring:** Before making any electrical connections, disconnect the vehicle's battery to prevent short circuits. Use appropriate gauge wiring and fuses as specified.
- **Mounting:** Securely mount all components to prevent them from becoming loose during vehicle operation, which could cause injury or damage.
- **Water Resistance:** While the system is IP56 waterproof, avoid submerging the amplifier or speakers. Ensure all connections are properly sealed.
- **Operating Temperature:** Do not operate the system outside its recommended temperature range.
- **Volume Levels:** Prolonged exposure to high volume levels can cause hearing damage. Adjust volume to a safe level.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Amplifier
- 4 x LED Speakers
- 1 x Wired Control
- 1 x LED Controller
- 1 x Power Cord
- 1 x Mounting Hardware Kit
- 2 x External Antenna
- 4 x Skull Cover
- 4 x Eagle Cover
- 1 x AUX Cable
- 1 x User Manual

4. PRODUCT OVERVIEW

The GoHawk TL54-Titan is a robust 4.1-channel UTV audio system designed for off-road adventures. It features a powerful amplifier, four LED speakers, and multiple connectivity options.

Key Features:

- **IP56 Waterproof Design:** Built to withstand harsh outdoor conditions, including dust and water splashes.
- **4.1-Channel Amplifier:** Supports four full-range speakers and allows for an optional subwoofer connection (subwoofer not included).
- **Premium LED Speakers:** Four 5-inch speakers, each with a 4-inch full-range core and a 1-inch silk dome tweeter for clear audio. Integrated LEDs offer customizable lighting.
- **Bluetooth 5.3 Connectivity:** Wireless audio streaming from your smartphone or other Bluetooth-enabled devices up to 15 meters.
- **Multiple Audio Inputs:** Includes FM radio, USB playback, and a 3.5mm AUX input for versatile audio sources.
- **Wired Control & LED Rocker Switch:** Convenient wired remote for basic audio control and a dedicated rocker switch for LED color and brightness adjustments.



Image: The GoHawk TL54-Titan UTV Stereo System, showcasing its four speakers with vibrant red and blue LED illumination, highlighting the customizable lighting options.

 IP66 Waterproof



Image: Close-up of the GoHawk TL54-Titan speakers with water droplets, demonstrating their IP66 waterproof rating and durability in wet conditions.

TITAN 1600

The First 4.1-channel Amplifier with Waterproof Capabilities



Image: The GoHawk TITAN 1600 amplifier, featuring a sleek brushed aluminum finish and a low-profile blue LED indicator, signifying its power and readiness.



Image: An illustrative diagram highlighting the internal components of the speaker, specifically detailing the 4-inch full-range woofer and the 1-inch silk dome tweeter for optimal sound reproduction.

5. SETUP & INSTALLATION

5.1 Mounting Speakers

The speakers are designed for roll cage bar mounting and fit 1.5-inch to 2-inch bars. Use the provided aluminum roll cage clamps to securely attach the speakers. Ensure the speakers are positioned to provide optimal sound dispersion and do not obstruct visibility or vehicle controls.



Image: A detailed diagram illustrating the dimensions of the GoHawk TL54-Titan speakers, amplifier, and wired control, crucial for planning installation and ensuring proper fit.

5.2 Wiring Diagram

Follow the wiring diagram carefully to connect the amplifier, speakers, power, and control units. Ensure all connections are tight and insulated to prevent short circuits and water ingress.

- Connect the main power cable (red) to the positive terminal of the vehicle's 12V battery and the ground cable (black) to a suitable chassis ground point.
- Connect the speaker wires from the amplifier to the corresponding speakers.
- Connect the wired control unit to the amplifier.
- Connect the LED controller and rocker switch to the amplifier's LED output.
- If using a subwoofer, connect it to the subwoofer output on the amplifier (subwoofer not included).

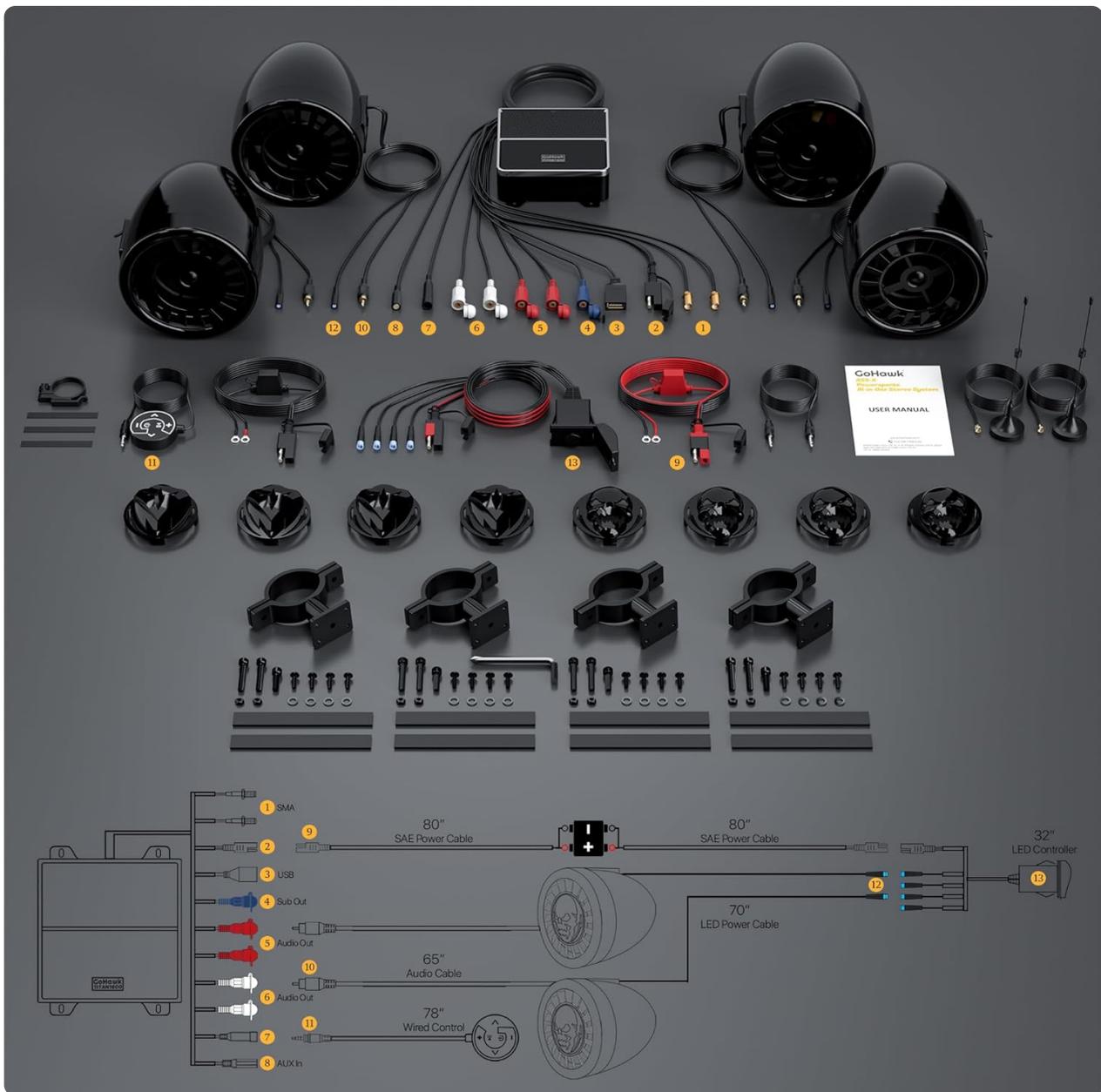


Image: A comprehensive layout of all GoHawk TL54-Titan package contents, accompanied by a detailed wiring diagram illustrating how to connect the amplifier, speakers, and control units.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

The system powers on automatically when the vehicle's ignition is turned on, or via a dedicated power switch if wired accordingly. The amplifier's blue LED indicator will illuminate when powered.

6.2 Bluetooth Pairing

1. Ensure the system is powered on.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select "GoHawk" from the list of devices.
4. Once paired, the system will confirm the connection, and you can begin streaming audio.

6.3 FM Radio Operation

Use the wired control to switch to FM mode. Press the play/pause button to auto-scan and save available

stations. Use the track forward/backward buttons to navigate between saved stations.

6.4 USB Playback

Insert a USB drive containing audio files into the USB port. The system will automatically switch to USB mode and begin playback. Use the wired control for track navigation and volume adjustment.

6.5 AUX Input

Connect an external audio device (e.g., MP3 player) to the 3.5mm AUX input using the provided AUX cable. The system will automatically switch to AUX mode. Control playback from your connected device.



Image: A visual representation of the GoHawk TL54-Titan's versatile audio functions, including Bluetooth wireless streaming, FM Radio, USB Port support, and a 3.5mm AUX input.

6.6 LED Control

Use the standalone rocker switch to control the LED lights on the speakers. This switch allows you to cycle through 10 customizable LED colors and adjust their brightness levels.

Full-Function Wired Control



White LED Backlit



LED Controller Rocker Switch



10+ Different Colors



Image: The full-function wired control unit for audio management and the dedicated LED controller rocker switch, allowing users to customize speaker lighting with over 10 different colors.

7. MAINTENANCE

To ensure the longevity and optimal performance of your GoHawk TL54-Titan system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the speakers and amplifier. Avoid using harsh chemicals or abrasive cleaners.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.
- **Storage:** If storing the vehicle for an extended period, ensure the system is powered off and, if possible, disconnect the main power cable from the battery.
- **Inspection:** Regularly inspect the speaker grilles and housing for any signs of damage.

8. TROUBLESHOOTING

If you encounter issues with your GoHawk TL54-Titan system, refer to the following common problems and

solutions:

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery low.	Check power and ground connections. Inspect and replace fuse if necessary. Charge or check vehicle battery.
No Sound	Volume too low, incorrect input source, loose speaker wires, amplifier issue.	Increase volume. Select correct input mode (BT, FM, USB, AUX). Check all speaker connections. Ensure amplifier is powered on.
Bluetooth Not Connecting	System not in pairing mode, device too far, interference, previously paired device connected.	Ensure system is discoverable. Move device closer. Turn off Bluetooth on other nearby devices. Forget device on your phone and re-pair.
Distorted Sound	Volume too high, poor connection, damaged speaker.	Reduce volume. Check all wiring connections. Inspect speakers for physical damage.
LED Lights Not Working	Loose LED connection, faulty LED controller, power issue.	Check LED wiring to amplifier and controller. Ensure controller is properly connected and powered.

9. SPECIFICATIONS

Model Name	TL54-Titan
Input Voltage	12 Volts DC
Speaker Type	4x Woofers (4-inch) and 4x Tweeters (1-inch)
Speaker Size	5 Inches
Speaker Maximum Output Power	1000 Watts
Surround Sound Channel Configuration	4.1
Wireless Communication Technology	Bluetooth 5.3
Bluetooth Range	Up to 15 Meters
Water Resistance Level	IP56 Waterproof
Material	Aluminum, Metal, Plastic
Mounting Type	Roll Cage Bar Mount (fits 1.5"-2" bars)
Product Dimensions	5"D x 5"W x 6.5"H (Speakers)
Item Weight	15 Pounds (Total System)
Special Features	FM Radio, LED Light, USB Port, Waterproof

10. WARRANTY & SUPPORT

The GoHawk TL54-Titan UTV Stereo Audio Amplifier 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 inquiries regarding your product, please visit the official GoHawk website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

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Related Documents - TL54-Titan

	<p>GoHawk TJ4-Q/TN4-Q Powersports Amplified Stereo System User Manual</p> <p>User manual for the GoHawk TJ4-Q/TN4-Q Powersports Amplified Stereo System, detailing contents, features, installation, and operation.</p>
	<p>Black Horse Off Road Black Max T Bull Bar Installation Instructions for 04-15 Nissan Titan</p> <p>Detailed installation guide for the Black Horse Off Road Black Max T Bull Bar (Part # MBT-MN503) for 2004-2015 Nissan Titan models. Includes parts list, step-by-step instructions, and care recommendations.</p>
	<p>Polaris Lube Specifications Chart Service Manual</p> <p>Comprehensive guide detailing lube specifications, part numbers, and recommended lubricants for Polaris ORVs, Snowmobiles, Indian Motorcycles, Slingshots, and Victory vehicles. Essential for maintenance and service.</p>
	<p>Nissan Titan Rear Bumper Step Assist Installation Instructions</p> <p>Official installation guide for the Nissan Titan Rear Bumper Step Assist (Part Number 999T6 WU000-C1). This document provides detailed steps, required tools, and kit contents for installing the accessory on 2008 and later Titan models.</p>



[Lamborghini Caloreclima TITAN Condensing Boiler: Installation, Use, and Maintenance Manual](#)

A detailed guide for the Lamborghini Caloreclima TITAN condensing boiler, covering installation procedures, operational instructions, maintenance schedules, safety precautions, and technical data for optimal performance and longevity.



[Lamborghini CALORECLIMA TITAN: Manuale d'Uso, Installazione e Manutenzione](#)

Manuale completo per la caldaia a condensazione Lamborghini CALORECLIMA TITAN, che copre istruzioni per l'uso, l'installazione e la manutenzione, con dettagli tecnici e guide alla risoluzione dei problemi.