

Gladen One 165 Golf 6-RS

Gladen ONE 165 GOLF6 RS Component Speaker System User Manual

Model: One 165 Golf 6-RS

1. PRODUCT OVERVIEW

The Gladen ONE 165 GOLF6 RS is a high-quality 2-way component speaker system specifically designed for Volkswagen Golf 6, Scirocco, and Jetta vehicles. This system utilizes advanced RS chassis technology with ferrite magnets and fiber membranes to deliver excellent audio performance. Its design ensures a vehicle-specific, non-destructive installation with precisely fitting speaker mounts and plug connections.

Key features include:

- **Woofers:** 165 mm fabric cone, steel plate-basket, Nomex center spider, 25 mm voice coil, rubber-magnet protection, 3 Ohm impedance, vehicle-specific adapter ring.
- **Tweeters:** 25 mm silk fabric diaphragm, 4 Ohm impedance, Neodymium magnet, vehicle-specific three-point mounting for invisible installation behind the A-pillar trim.
- **Crossover:** Compact design with 3 adjustment possibilities, high-quality components (air coil), OEM connectors, optimized for VW Golf 6 conditions, ensuring non-destructive installation.

2. PACKAGE CONTENTS

Please check the package for the following components:

- Two (2) 165 mm Woofers
- Two (2) 25 mm Tweeters
- Two (2) Crossovers
- Mounting Hardware (screws, clips, etc.)
- Wiring Harnesses with Vehicle-Specific Connectors
- User Manual (this document)

3. SAFETY INFORMATION

Read all instructions carefully before installation and use. Failure to follow these instructions may result in serious injury or damage to the product or vehicle.

- **Professional Installation Recommended:** If you are unsure about any part of the installation process, seek assistance from a qualified car audio professional.
- **Disconnect Power:** Always disconnect the vehicle's battery negative terminal before beginning any electrical work to prevent short circuits and electrical shock.
- **Wiring:** Ensure all wiring is properly routed and secured to prevent pinching, chafing, or interference with vehicle moving parts. Use appropriate gauge wire and connectors.
- **Hearing Protection:** Prolonged exposure to high sound pressure levels can cause permanent hearing damage. Listen responsibly.
- **Vehicle Compatibility:** This system is designed for specific Volkswagen models (Golf 6, Scirocco, Jetta). Do not attempt to install in incompatible vehicles.

4. SETUP AND INSTALLATION

This section provides general guidelines for installing your Gladen ONE 165 GOLF6 RS speaker system. Due to the vehicle-specific design, detailed steps may vary slightly based on your exact vehicle configuration.

4.1 Tools Required

- Panel removal tools
- Screwdrivers (Phillips, flathead)
- Wire strippers/crimpers
- Multimeter (for checking polarity and continuity)
- Zip ties or cable management clips

4.2 Installation Steps

1. **Disconnect Battery:** Disconnect the negative terminal of your vehicle's battery.
2. **Remove Factory Speakers:** Carefully remove door panels and other trim pieces to access the factory speaker locations. Disconnect and remove the existing speakers.
3. **Install Woofers:** Mount the Gladen 165 mm woofers into the factory door locations using the provided vehicle-specific adapter rings and mounting hardware. Ensure a secure fit.
4. **Install Tweeters:** The tweeters feature a vehicle-specific three-point mounting system designed for invisible installation behind the A-pillar trim. Carefully remove the A-pillar trim and mount the tweeters in the designated locations.
5. **Connect Crossovers:** Locate a suitable, dry, and secure place to mount the passive crossovers. Connect the vehicle's speaker wiring to the input terminals of the crossover. Then, connect the woofer and tweeter outputs from the crossover to their respective speakers. Use the OEM connectors for a non-destructive installation.
6. **Wiring Management:** Route all speaker wires and crossover connections neatly and securely, away from moving parts and potential pinch points.
7. **Test System:** Before reassembling all trim panels, reconnect the vehicle battery and perform a functional test of the speaker system. Ensure all speakers are playing correctly and without distortion.
8. **Reassemble:** Once satisfied with the performance, carefully reassemble all removed trim panels and components.

No product images or videos are available for embedding in this manual.

5. OPERATING INSTRUCTIONS

Once installed, your Gladen ONE 165 GOLF6 RS speaker system will integrate seamlessly with your vehicle's audio system. Optimal performance can be achieved by fine-tuning your head unit and crossover settings.

- **Head Unit Settings:** Adjust the bass, treble, balance, and fader controls on your car's head unit to achieve your preferred sound. Avoid excessive bass or treble boost, which can lead to distortion.
- **Crossover Adjustment:** The passive crossovers offer 3 adjustment possibilities. Consult the specific instructions provided with the crossover for details on how to adjust these settings to tailor the sound to your listening preferences and vehicle acoustics. Typically, these adjustments affect the tweeter level or crossover point.
- **Break-in Period:** Allow a short break-in period (typically 10-20 hours of normal listening) for the speaker components to loosen up and achieve their full sonic potential.

6. MAINTENANCE

The Gladen ONE 165 GOLF6 RS speaker system is designed for durability and requires minimal maintenance.

- **Cleaning:** Keep the speaker grilles and surrounding areas clean from dust and debris. Use a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check speaker mounts and wiring connections to ensure they remain secure.
- **Avoid Moisture:** While designed for automotive environments, avoid direct exposure to excessive moisture or liquids.

7. TROUBLESHOOTING

If you encounter issues with your speaker system, refer to the following common troubleshooting steps:

- **No Sound from a Speaker:**
 - Check all wiring connections to the speaker, crossover, and head unit.
 - Ensure the speaker wire is not pinched or cut.
 - Verify the head unit's balance and fader settings.
 - Test the speaker with a known good audio source or by temporarily swapping it with another speaker (if safe to do so).
- **Distorted Sound:**
 - Reduce the volume level on your head unit.
 - Check for excessive bass or treble boost settings.
 - Ensure speaker wires are not shorting out or touching the vehicle's chassis.
 - Verify that the speakers are securely mounted and not vibrating against the door panel.
- **Intermittent Sound:**
 - Inspect all connections for looseness or corrosion.
 - Check for damaged wiring that might be making intermittent contact.

If these steps do not resolve the issue, contact Gladen customer support or your authorized dealer.

8. SPECIFICATIONS

Feature	Specification
Brand	Gladen
Model Name / Number	One 165 Golf 6-RS
Speaker Type	2-Way Component Speaker System
Woofer Size	165 mm (6.5 inches)
Tweeter Size	25 mm (voice coil)
Speaker Maximum Output Power	150 Watts
Woofer Impedance	3 Ohm
Tweeter Impedance	4 Ohm
Mounting Type	Flush Mount (Vehicle Specific)
Item Weight	5 Pounds
Number of Items	1 (System)

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This Gladen ONE 165 GOLF6 RS speaker system comes with a **1 Year Warranty** from the date of purchase. This warranty covers manufacturing defects and faulty workmanship under normal use. It does not cover damage caused by improper installation, abuse, accident, neglect, or unauthorized modifications.

Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty claims, or further inquiries, please contact your authorized Gladen dealer or visit the official Gladen website for support contact information.