

## Gravity G715D2

# Gravity Warzone G715D2 15-Inch Subwoofer User Manual

Model: G715D2

## INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Gravity Warzone G715D2 15-Inch Subwoofer. Please read this manual thoroughly before using the product to ensure proper function and longevity.

The Gravity Warzone G715D2 is a high-performance car audio subwoofer designed to reproduce deep, powerful bass frequencies, enhancing your in-car audio experience. It features a competition-grade pressed paper cone and a high-roll foam surround for optimal sound reproduction and durability.

## KEY FEATURES

- 4800 Watts Peak Power:** Designed for high-performance car audio systems.
- 2 Ohm DVC (Dual Voice Coil):** Offers flexible wiring options for various amplifier configurations.
- Competition Grade Pressed Paper Cone:** Ensures robust and accurate bass response.
- High Roll Foam Surround:** Provides excellent excursion and durability.
- Advanced Air Flow Cooling System:** Helps dissipate heat for sustained performance.
- Wide Frequency Response:** 30 - 500Hz for deep and impactful bass.
- High Sensitivity:** 89 dB for efficient power utilization.

## SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your subwoofer. It is highly recommended that installation be performed by a qualified car audio professional.

### Choosing an Enclosure

The G715D2 subwoofer is designed to be used with a suitable enclosure. The type and size of the enclosure significantly impact the subwoofer's sound characteristics. Common enclosure types include sealed, ported, and bandpass. Consult with a car audio specialist or refer to online resources for recommended enclosure volumes and port tuning frequencies for a 15-inch subwoofer.

For optimal bass, a 12-inch or 15-inch subwoofer is generally recommended if space permits. The advantage of purchasing the bare subwoofer is the flexibility to build or buy a custom enclosure that perfectly fits your vehicle and audio system requirements.

## Wiring Configurations (2 Ohm DVC)

The G715D2 features a Dual Voice Coil (DVC) design with 2 Ohm coils, offering versatile wiring options to match your amplifier's impedance requirements.

- **1 Ohm Load:** Wire the two 2 Ohm voice coils in parallel. This configuration provides maximum power output from compatible amplifiers.
- **4 Ohm Load:** Wire the two 2 Ohm voice coils in series. This configuration is suitable for amplifiers stable at 4 Ohms.

Always ensure your amplifier is stable at the chosen impedance load to prevent damage to both the amplifier and the subwoofer. Refer to your amplifier's manual for its impedance capabilities.

## Mounting the Subwoofer

Securely mount the subwoofer into the chosen enclosure using appropriate screws and a tight seal. Ensure no air leaks are present around the mounting flange, as this can negatively affect performance.



*Image: Side view of the Gravity Warzone G715D2 subwoofer, highlighting the sturdy construction and wiring terminals.*

## OPERATING INSTRUCTIONS

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Once installed, follow these guidelines for optimal operation and sound quality.

### Break-in Period

Allow a break-in period of approximately 20-30 hours of normal listening before pushing the subwoofer to its limits. This allows the suspension components (surround and spider) to loosen up and reach their optimal compliance, improving performance and longevity.

### Amplifier Gain Setting

Set your amplifier's gain correctly to match the output voltage of your head unit. An improperly set gain can lead to clipping, which can damage the subwoofer. It is recommended to use an oscilloscope or consult a professional for accurate gain setting.

### Crossover Settings

Utilize your amplifier's or head unit's low-pass filter (LPF) to send only low frequencies to the subwoofer. A typical LPF setting for a subwoofer is between 60Hz and 100Hz. Experiment with settings to find the best blend with your main speakers.

### Subsonic Filter

If your amplifier has a subsonic filter, enable it and set it slightly below your ported enclosure's tuning frequency (if applicable) or around 25-30Hz for sealed enclosures. This protects the subwoofer from playing frequencies too low for it to reproduce safely, preventing over-excursion and potential damage.



*Image: Two Gravity Warzone G715D2 subwoofers, illustrating their size and design.*

## MAINTENANCE

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The Gravity Warzone G715D2 subwoofer requires minimal maintenance to ensure long-term performance.

- **Cleaning:** Periodically wipe the cone and surround with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or excessive moisture.
- **Inspection:** Regularly inspect the subwoofer for any signs of damage to the cone, surround, or spider. Check wiring connections for tightness and corrosion.
- **Environmental Factors:** Protect the subwoofer from extreme temperatures, direct sunlight, and excessive moisture, which can degrade materials over time.

## TROUBLESHOOTING

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If you experience issues with your subwoofer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Sound from Subwoofer	No power to amplifier Loose or incorrect wiring Amplifier in protect mode Head unit settings	Check amplifier power and ground connections. Verify all speaker and RCA connections. Check amplifier fuses; ensure proper impedance load. Ensure subwoofer output is enabled and volume is up on head unit.
Distorted Sound	Amplifier gain too high (clipping) Incorrect crossover settings Damaged subwoofer	Reduce amplifier gain. Adjust LPF and subsonic filter settings. Inspect subwoofer for physical damage (torn surround, burnt voice coil).
Weak Bass Output	Incorrect wiring (e.g., voice coils out of phase) Improper enclosure volume Low amplifier power	Verify voice coil wiring for correct phase. Ensure enclosure volume matches recommendations for a 15-inch subwoofer. Consider a more powerful amplifier if the current one is underpowered.

## SPECIFICATIONS

Feature	Detail
Model	G715D2
Size	15 Inch
Peak Power	4800 Watts
Voice Coil Configuration	2 Ohm DVC (Dual Voice Coil)
Cone Material	Competition Grade Pressed Paper
Surround Material	High Roll Foam
Cooling System	Advanced Air Flow
Frequency Response	30 - 500Hz
Sensitivity	89 dB
Compatible Devices	Smartphone, Tablet, MP3 Player, Laptop <i>(Note: Refers to audio source devices for the overall system, not direct subwoofer connection.)</i>



*Image: Top view of the Gravity Warzone G715D2 subwoofer, showcasing the cone and branding.*

## WARRANTY INFORMATION

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Gravity products are manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Gravity website. Keep your purchase receipt as proof of purchase for any warranty claims.

## CUSTOMER SUPPORT

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For technical assistance, troubleshooting, or general inquiries, please contact Gravity customer support. Contact information can typically be found on the product packaging or the official Gravity website.

**Manufacturer:** Gravity

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