




GROUND ZERO GZHC 165.2 HYDROGEN SERIES COMPONENT LOUDSPEAKER SYSTEM Owner's Manual

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SYSTEM Owner's Manual 

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GROUND ZERO®

GROUND ZERO GZHC 165.2 HYDROGEN SERIES COMPONENT LOUDSPEAKER SYSTEM



Features

- 2-way component loudspeaker system with powerful sound character
- Klippel® optimized 165 mm / 6.5" midwoofer
- Non-pressed paper cone
- GZ-design aluminum cast basket
- Powerful ferrite motor
- Durable rubber surround
- 25 mm / 1" silk dome tweeter with flush mount housing and coupled chamber
- Variable 12/6 dB/oct crossover with level adjustment

General installation note

- Never drill a hole to the vehicle's gas tank or brake lines, to wirings or any other important vehicle parts!
- Never pass wires over sharp edges or vehicle parts to avoid any kind of damage
- Keep the wiring away from the antenna and electronic devices contributing to radio reception
- Lay the power supply wiring always separated from speaker wiring to avoid disturbance
- Use adequately dimensioned power and speaker wires to connect the component

Safety instructions

Keep all parts of the content and the packaging away from children and pets to avoid accidents and the risk of suffocation. Permanently extreme levels of over 85 dB can lead to irreparable damage to the hearing. Music systems with high amplifier output power can reach levels of 130 dB or more. Extreme levels can also hinder the perception of important traffic noises and distract from what is happening on the road. Ground Zero GmbH and its sales partners expressly assume no responsibility for hearing damage, physical damage or any damage to property or consequential damage resulting from improper or careless use or improper installation of its products. In particular, any claims are forfeited through the use under competitive conditions.

Manufacturer's declaration:

Hereby, Ground Zero GmbH declares that this product conforms to the rules of the following EU directives (including all applicable changes): 2011/65 / EU RoHS2 and 2001/95 / EC directive on general product safety. The full text of the EU declaration of conformity is available at www.ground-zero-audio.com. Loudspeakers contain magnetized metals and some valuable raw materials and must not be disposed of with normal household waste. Please leave defective or no longer required components to a local recycling facility at the end of their practical use.

Terms of warranty

The limited warranty for this product is covered by GROUND ZERO's regional distribution partners and their terms and conditions. For further information contact your local retailer or distributor

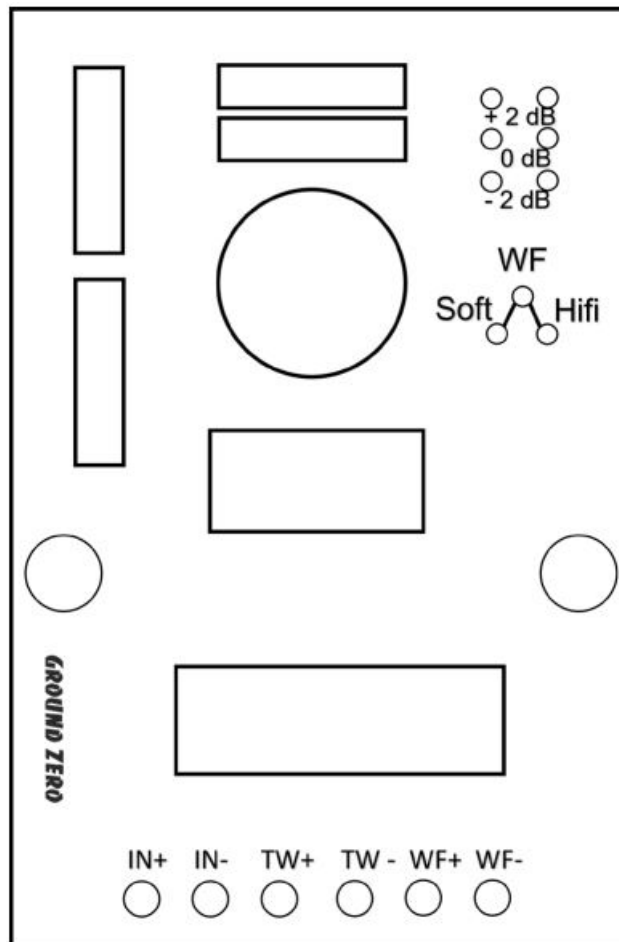
Respect the Music

Listening to music can be emotional, impressive, relaxing or enjoyable. At that, it doesn't really matter what kind of music is the personal favorite, whether it's Instrumental, Jazz, Electro, Latin, Classic, Rock or any other music direction. However, audio reproduction quality at each desired volume is elementary. Some music styles require higher levels while others prefer the soft tones. GROUND ZERO considers all the different wishes of customers during the development of new products. Along with this, the target is to create the most realistic sound, to transfer the soul of the music and the intention of the performer. Summarized to one phrase: RESPECT THE MUSIC!

Specifications

Modell / <i>model</i>	GZHC 165.2	
Impedanz / <i>impedance</i>	4 Ohm/ <i>ohms</i>	
Frequenzgang / <i>frequency response</i>	40 Hz – 24 kHz	
Trennfrequenz / <i>cut-off frequency</i> (Hochtöner / <i>tweeter</i>)	4500 Hz (@ 12 dB / Okt./ <i>oct.</i>)	
Wirkungsgrad / <i>efficiency (SPL)</i>	88 dB	
Belastbarkeit / <i>power handling (RMS)</i>	130 Watt / <i>Watts</i>	
Belastbarkeit / <i>power handling (max.)</i>	220 Watt / <i>Watts</i>	
Maße / <i>dimensions</i>	Tieftöner / <i>Midwoofer</i> GZHK 165	Hochtöner / <i>Tweeter</i> GZHT 25S
Außendurchmesser / <i>outer diameter</i>	165 mm / 6.5"	54 mm / 2.13"
Einbaudurchmesser / <i>mounting cutout</i>	144 mm / 5.67"	48 mm / 1.89"
Einbautiefe / <i>mounting depth</i>	69 mm / 2.72"	22 mm / 0.87"

Crossover



Tweeter level adjustment:

The tweeter level can be set by positioning the jumper to the required level position

Midwoofer cut-off frequency:

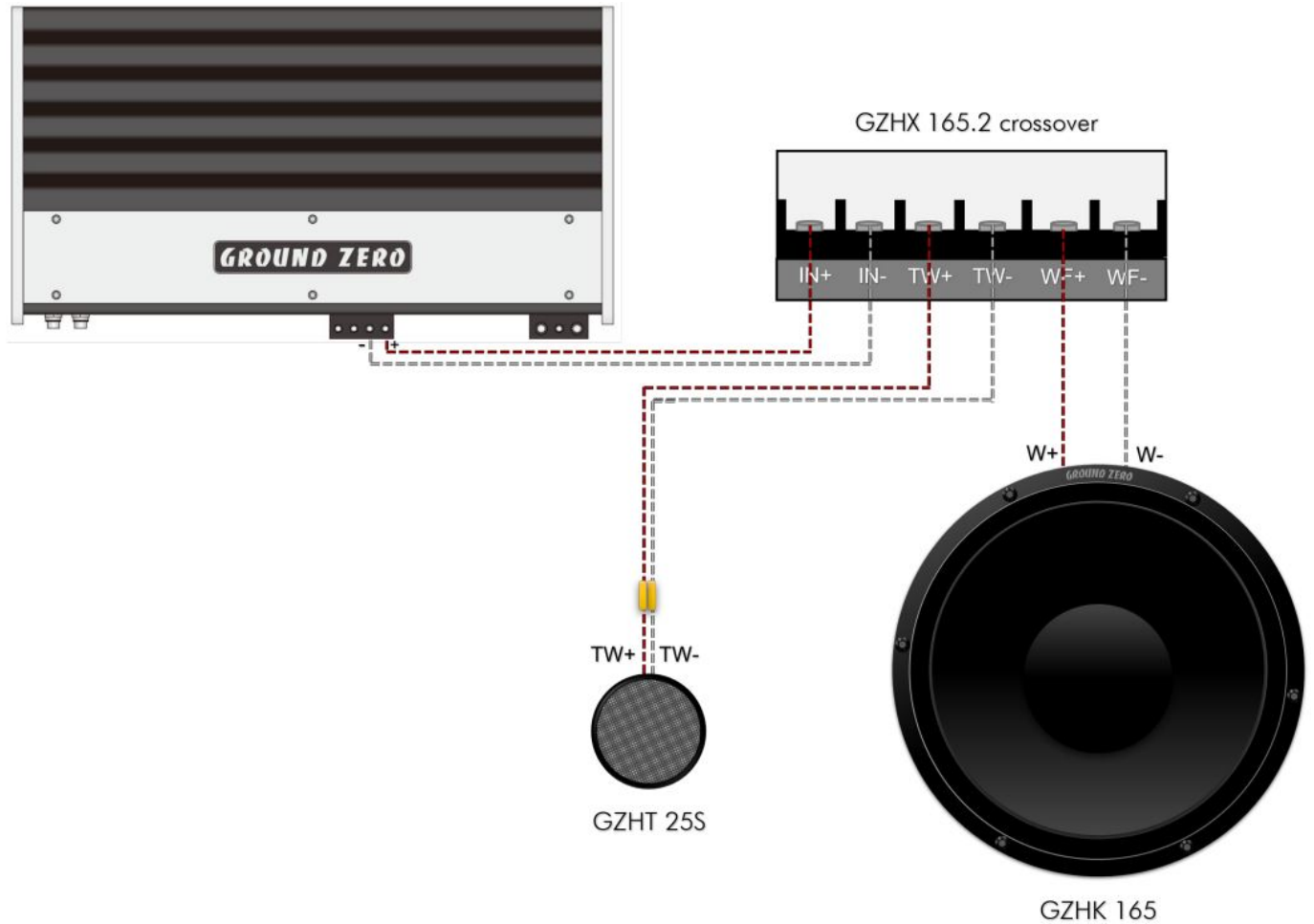
The low pass crossover frequency can be selected by the jumper between low (Soft) or high (Hifi)

- IN Input from head unit/amplifier
- TW OUT Tweeter connector
- WF OUT Midwoofer connector

Verified with KLIPPEL®

GROUND ZERO is using the worldwide accepted KLIPPEL® R&D Analyzer KA3 measurement system for speaker development during the German in-house development as well as for QC reporting for most production lines at the factory. The results of LPM and LSI measurements are the basis for evaluating and verifying further development enabling to offer perfectly working products in any practical application. Continuous and advanced training for developing employees ensure the highest possible qualification. KLIPPEL® is a registered trademark of KLIPPEL GmbH

Wiring




Ground Zero GmbH

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Documents / Resources

	<p>GROUND ZERO GZHC 165.2 HYDROGEN SERIES COMPONENT LOUDSPEAKER SYSTEM</p> <p>M [pdf] Owner's Manual</p> <p>GZHC 165.2, LOUDSPEAKER SYSTEM, COMPONENT LOUDSPEAKER SYSTEM, HYDROGEN SERIES</p>
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References

-  [Ground Zero Audio – Car Audio Products](#)