



2025 / 2026

30 Years of Ground Zero Sound that Moves Hearts

This year we're celebrating not only 30 years of innovation and passion, but also a journey that has written a piece of history with every speaker and every amp.

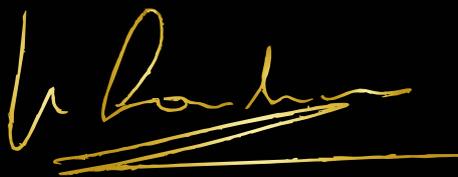
Ground Zero is more than just a car hi-fi brand; it is a way of life that fills the streets of this world with incomparable sound.

Revolutionizing the way we experience sound is our commitment – from the very beginning to groundbreaking technologies.

Our products are not just technical masterpieces; they are expressions of emotions, memories, and unforgettable moments.

We thank you for your support and trust in our vision. Together, we have moved the limits of possibilities in the car-hifi sector and created a sound that connects people all around the world.

Here's to the next 30 years filled with music, passion, and unforgettable experiences – let's continue to make the world sound - living up to our motto RESPECT THE MUSIC and #ShowYourGZ!



Karl Felix Lautner
Founder and CEO

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ULTRA

REFERENCE

ULTRA SERIES

„ul·tra“

Beyond the range of limits,
Beyond the ordinary,
Beyond the others.

Crafted for Perfection

With over 30 years of expertise in sound quality and in-car audio engineering, GROUND ZERO has developed an unmatched reputation among audiophiles worldwide. Our loudspeakers, subwoofers and amplifiers are trusted in high-end installations and global sound quality competitions. Now, we bring this experience to a new level: the ULTRA series – a super high-end product line designed without compromise. Every component is the result of close collaboration between our top engineers from Germany. The result: two- and four-channel amplifiers, alongside matching loudspeakers, built for the most demanding listeners. The ULTRA series represents a new benchmark in car audio – where engineering excellence meets pure sonic emotion.



GZ ULTRA A-2
 Ultra-high-end 2-channel amplifier
 S/N ratio > 120 dB(A)
 2x 200 / 330 / 450 W @ 4 / 2 / 1 Ω
 Full-symmetrical dual-mono design
 Made in England

GZ ULTRA A-4
 Ultra-high-end 4-channel amplifier
 S/N ratio > 120 dB(A)
 4x 200 / 370 / - W @ 4 / 2 / 1 Ω
 Full-symmetrical design
 Made in England

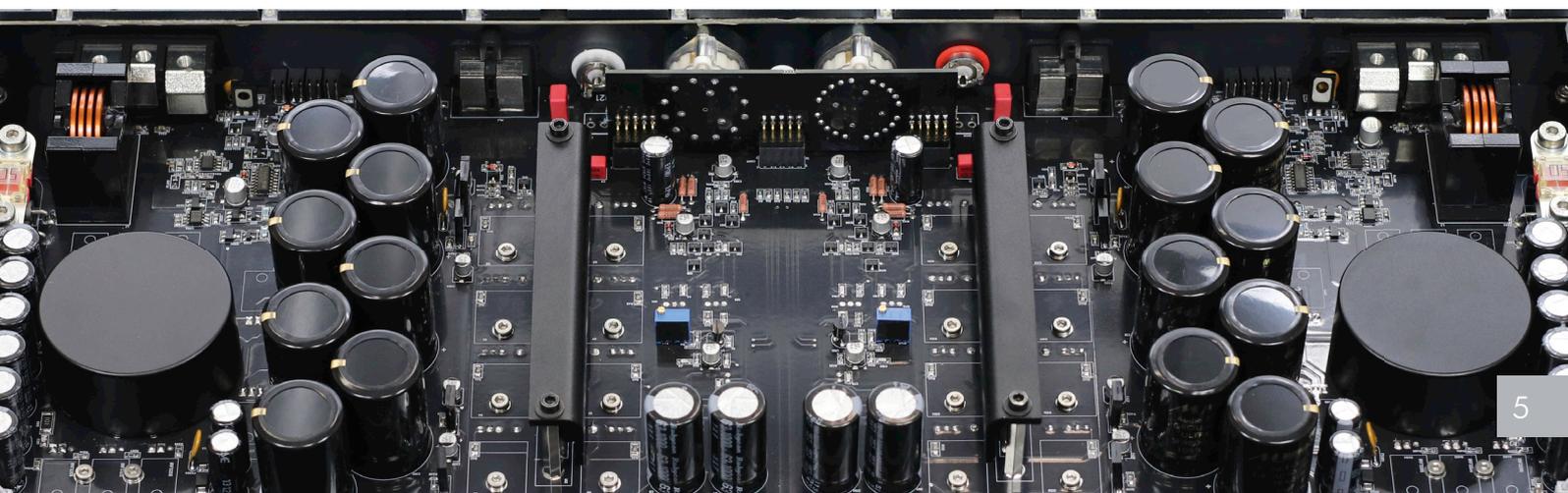
Objects designated as high-end are assigned to this category based on the assumption that they belong to the top segment of a respective product group and are generally characterized by unusual, exceptional and exclusive features and a very high manufacturing quality.

In our opinion, the concept of real high-end is defined much more extensively by experiencing feelings and the resulting impression when listening to your favourite music using such devices. Therefore, it was the only, constant and uncompromising goal in the development of the ULTRA series to achieve that tingling sensation that goes along with the goosebumps when the ear lets us perceive things that go beyond the spectrum that can only be recorded with a test microphone.

The results of three years of development, uncountable listening sessions, comparisons, tuning and testing led to the GZ ULTRA amplifiers, the most advanced analogue amplifiers on the market uniting perfectly selected components reduced to the minimum of distractingly influencing aspects by the overall and undisputed skills of one of the best-known and famous amplifier engineers from England bringing more than 30 years of experience into this design while creating a masterpiece of an amplifier, matching our and everybody's most sophisticated expectations and finally, worth to be called ultra-high-end.

Features:

- Ultra-high-end analog amplifier
- Made in England
- Full-symmetrical design
- Swiss-made high-end ELMA selector switches (ULTRA A-2)
- Two-step BIAS selector
- Four-step input sensitivity selector
- Potentiometer-less and OPA-less direct signal path
- S/N ratio > 120 dB(A)
- Separate pre-amplifier boost rails
- GZ-exclusive MUNDORF® audio capacitors
- High-end SANKEN® Darlington power transistors
- Precision-winded transformer coils
- Rhodium RCA sockets
- Tinted-acrylic bottom plate
- Switchable white pcb illumination
- High-efficient extruded aluminum heat sink
- Ready for custom liquid-cooling (available separately)
- Documented final technical inspection
- Wooden box packaging





 Made in Germany

GZ ULTRA T-30

Ultra-high-end soft dome tweeter
100 W RMS / 150 W max
Freq. response 1000 Hz – 26 kHz
Resonance frequency 500 Hz



 Made in Germany

GZ ULTRA T-30S

Ultra-high-end soft dome tweeter
100 W RMS / 150 W max
Freq. response 1000 Hz – 26 kHz
Resonance frequency 500 Hz
Reduced outer diameter (68 mm)



 Made in Germany

GZ ULTRA M-80

Ultra-high-end midrange speaker
70 W RMS / 110 W max
Freq. response 150 Hz - 15 kHz
Resonance frequency 127 Hz

Sound is something very subjective. Everyone perceives it differently because each ear also hears differently. Consequently, it is hardly possible to predict how the audio playback will be perceived individually. For this reason, it is difficult to develop a so-called perfect speaker. Rather, the aim of the development is to avoid any error, no matter how small it could be, caused by the loudspeaker. Above all this, the interaction of several loudspeakers used for the entire audible frequency range, and even beyond that, with the signal source and the connected power amplifier is decisive for the result and determines whether the music touches the listener emotionally or not.

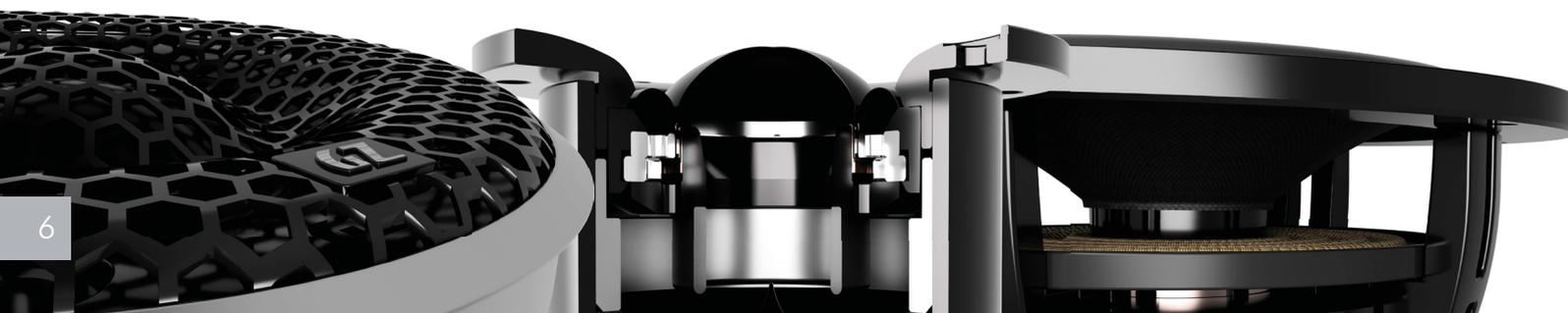
Features:

- Ultra-high-end 30 mm / 1.18" soft dome tweeter
- Tightly-tolerated technical parameters
- Precision-coated textile diaphragm
- Dual-piece neodymium motor
- Vented voice coil former reducing distortion
- Lightweight CCA voice coil improving efficiency
- Particular dome damping balancing pressure
- Machined aluminum chamber with wave diffuser
- ULTRA-grey color anodized housing
- Flexible lead wires increasing power handling
- GZ-design wave-guide face plate
- GZ-design mounting ring (GZ ULTRA T-30) & hexagon style grill
- Gold-plated multiway terminal
- Documented final technical inspection
- Wooden box packaging / in matching pairs

A sophisticated audio experience requires a passionate sound reproduction in all acoustical areas. The most important frequency area to listen to voices and audiophile instruments lays between the midwoofer and tweeter. To reproduce sound with the same acoustical colour at the full audio spectrum, the midrange speaker must follow the same design language like the loudspeakers that surrounds him. The cone is made out of a light but rigid material that allows the speaker to produce this sophisticated audio experience on the highest level. With a linear motor and a uncongested basket design, this midrange loudspeaker fills the acoustical gap between the Ultra-high-end midwoofer and tweeter with dignity.

Features:

- Ultra-high-end 80 mm / 3.15" midrange speaker
- Tightly-tolerated technical parameters
- Lightweight cone
- High-excursion linear moving rubber surround
- High-grade neodymium motor
- Optimized motor and voice coil ventilation
- Airflow-optimized aluminum basket
- Documented final technical inspection
- Wooden box packaging / in matching pairs
- GZ-design mounting ring & hexagon style grill





 Made in Germany

GZ ULTRA K-165
 Ultra-high-end midwoofer
 100 W RMS / 160 W max
 Freq. response 45 Hz – 5 kHz
 Resonance frequency 43 Hz



GZ ULTRA 80-GRILL & GZ ULTRA 165-GRILL

For perfect custom installations and decent visible appearance, GROUND ZERO offers GZ-design hexagon style protection grills and massive machined aluminum mounting rims with a polished surface matching GZ ULTRA K-165 and GZ ULTRA M-80.

Design follows function. In fact, the design of the ULTRA K-165 midwoofer is way more than just imposing cosmetics. The unique basket consists of a set of machined aluminum parts providing maximum stability for the moving parts but showing no disturbing influences owing to an air-flow optimized shape of the spokes. Two layers of carbon-fleece, impregnated with a polymeric resin and a layer of special damping in-between are united under high temperature and pressure resulting in a high-strength, exceptionally torsional-rigid but though extremely lightweight sandwich cone. Together with a powerful high-grade neodymium motor that's the perfect basis for the intended purpose of the midwoofer driver, sounding and performing unrivaled great.

Features:

- Ultra-high-end 165 mm / 6.5" midwoofer
- Tightly-tolerated technical parameters
- Lightweight carbon-fleece sandwich cone
- High-excursion linear moving rubber surround
- High-grade neodymium motor
- Vented voice coil former reducing distortion
- Copper wire voice coil increasing power handling
- GZ-design basket from machined aluminum parts
- Optimized motor and voice coil ventilation
- Airflow-optimized aluminum cast spokes
- Flexible spider-woven lead wires
- Documented final technical inspection
- Wooden box packaging / in matching pairs
- GZ ULTRA 165-GRILL protection grills (available separately)





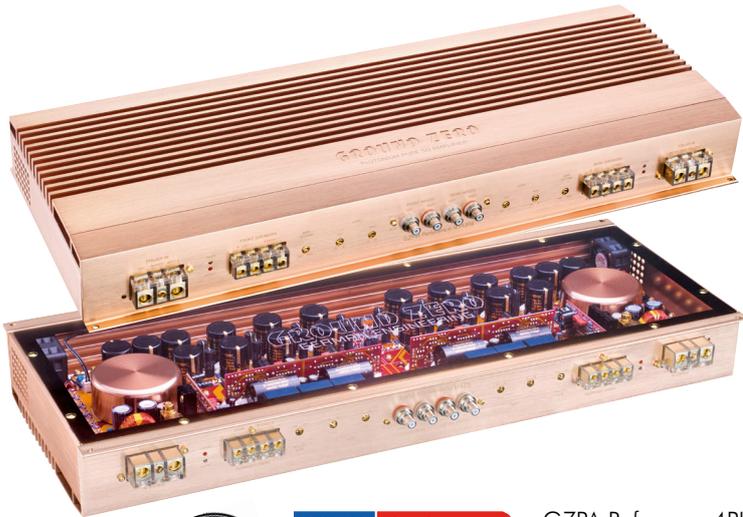
REFERENCE SERIES

Pure High-End Sound Quality – Without Compromise

Awarded by EISA and refined through extensive development, every REFERENCE component represents the pinnacle of audio excellence. Only the finest materials and technologies available worldwide are selected – with zero tolerance for compromise. From the first design sketch to the final assembly, each detail is crafted with precision, care, and passion. Strict in-house quality control ensures unmatched consistency in performance, reliability, and sound. REFERENCE amplifiers, speakers and subwoofers embody what true high-end audio is all about: outstanding sound quality, flawless workmanship, and timeless engineering – certified by GROUND ZERO's own expert team.

Model specifications

General information



GZPA Reference 4PURE-SQ
 High End Pure SQ 4-channel amplifier
 4x 150 / 270 / 425 W @ 4 / 2 / 1 Ω
 Bridged mode 2x 1000 W max @ 2 Ω
 Symmetrical dual 2 channel design

The upgraded 4-channel SQ amplifier has been improved using some latest electrical parts available on the market. These changes allow a wider BIAS range setting increasing the ambience of the music reproduction. The power supply has been separated electrically and physically leading to an absolutely symmetrical layout of the circuit that is the basis for these dual-mono and dual-stereo amplifiers. The output power of up to 1150 Watts per channel provides another contribution to the precise and detailed REFERENCE sound, punchy and dynamic, warm and enjoyable.

Common features:

- High-end SQ amplifiers
- Variable BIAS setting
- Symmetrical design
- Separated L & R gain controls
- No filters – PURE and direct sound
- Rhodium RCA sockets
- Audio-optimized ALPS® potentiometers
- High-end SANKEN® power transistors
- GZ-exclusive MUNDORF® audio capacitors
- White pcb illumination
- Tinted-acrylic bottom plate
- Wooden box packaging

REFERENCE Loudspeaker components

Model specifications

General information



GZ Reference K-165
 High End 165 mm / 6.5" midwoofer
 Power handling TBA
 Freq. Response TBA
 Resonance frequency TBA
 Made in Germany

REFERENCE speakers are crafted for high-end music enthusiasts. Hand-built in Germany and paired precisely, they feature advanced cone materials for superior sound. The hybrid cone combines a high-damping paper support-cone with a crystal-structured aluminum dome, eliminating resonances. The concave titanium dome tweeter with AllAxis radiation offers realistic front staging. Its open cell micro foam suspension and felt ring absorb reflections, preventing surface diffraction. The neodymium ring magnet system provides a linear response beyond 20 kHz on all angles, delivering precise audio reproduction.



GZ Reference M-80
 High End 80 mm / 3.15" midrange speaker
 Power handling TBA
 Freq. Response TBA
 Resonance frequency TBA
 Made in Germany



GZ Reference T-26
 High End 26 mm / 1.02" concave dome tweeter
 Power handling TBA
 Freq. Response TBA
 Resonance frequency TBA
 Made in Germany





PLUTONIUM SERIES

High-End Experience

The PLUTONIUM series is designed for those who push the limits – whether it's uncompromising sound quality, record-breaking SPL levels, or breathtaking low-frequency power. To meet these extreme demands, only the most advanced materials and cutting-edge technologies are used throughout development. Every product in this line showcases exceptional technical, electrical, and mechanical engineering – proven on the highest stages of global SQ and SPL competitions. From our world-record-setting 15" neodymium subwoofer to our internationally awarded SQ amplifiers – recognized by EISA and top car audio magazines worldwide – the PLUTONIUM series defines a new level of high-end performance.

Model specifications

GZPA 2SQ
 High performance SQ 2-channel amplifier
 2x 175 / 315 / 500 W @ 4 / 2 / 1 Ω
 Bridged mode 1x 1000 W max @ 2 Ω
 High-resolution response



GZPA 4SQ
 High performance SQ 4-channel amplifier
 4x 125 / 225 / 350 W @ 4 / 2 / 1 Ω
 Bridged mode 2x 700 W max @ 2 Ω
 High-resolution response



General information

The PLUTONIUM series contains two sound quality amplifiers simply leaving no wishes unfulfilled. The 4-channel version has been awarded by the EISA organization as the world's best in-car amplifier 2018/2019.

Common features:

- Shielded dual power supply
- High-end sound quality amplifier
- Discretely constructed MOS-FET amplifier section
- 1-ohm stable stereo / 2-ohms stable in bridged mode
- Smoothly variable BIAS adjustment
- Variable input sensitivity
- Capsulated potentiometers
- Wide range high pass and low pass filter
- Filter range multiplication switch (x10)
- High resolution frequency range (10 Hz – 50 kHz)
- Soft start delay
- Operation and protection indicator
- Start-Stop capability (9 -16 Volt)
- Overheat and short circuit protection
- Low distortion Burr-Brown OPA2134PA operation amps
- Exclusively manufactured Mundorf Mcap® capacitors
- Solid and high-efficient black anodized heatsink
- White illuminated lasered glass logo plate
- Winner of the German Design Award 2020 (PA 4SQ)



General information

The PLUTONIUM series loudspeaker components have been developed for highly sophisticated sound quality requests.

Lightweight but stable aluminum-ceramics cones for the midwoofer and midrange ensure highest dynamic performance in combination with the stainless-steel housed silk dome tweeter or full range speaker which are handmade in Germany. The drivers are available separately for individual 2-way or 3-way full active SQ setups.

Common features:

- High-end speakers for full active SQ applications
- GZPT and GZPF speakers handmade in Germany
- Resonance free aluminum cast basket
- High-tech ceramic-coated aluminum cone
- Impedance linearizing copper caps
- Powerful Klippel® optimized hybrid motors
- High-dynamic audio reproduction
- Stainless steel tweeter & full range speaker housing

GZ ULTRA 165-GRILL & GZ ULTRA 80-GRILL

For perfect custom installations and decent visible appearance, GROUND ZERO offers GZ-design hexagon style protection grills and massive machined aluminum mounting rims with a polished surface



Model Specifications

GZPC 165.2SQ-ACT

High-end 2-way set for active applications
 Freq. response 30 – 30000 Hz
 Components:
 GZPT 28SQ
 GZPK 165SQ-C



GZPC 165.3SQ-ACT

High-end 3-way set for active applications
 Freq. response 30 – 30000 Hz
 Components:
 GZPT 28SQ
 GZPM 80SQ-C
 GZPK 165SQ-C



PLUTONIUM Loudspeaker components



 Made in Germany
GZPT 28SQ
 High-end 28 mm / 1.1"
 silk dome tweeter
 100 W RMS / 150 W max



 Made in Germany
GZPF 40SQX
 High-end 40 mm / 1.6"
 full range speaker
 50 W RMS / 80 W max



GZPM 80SQ-C
 High-end 80 mm / 3.15"
 midrange speaker
 70 WRMS / 110 W max



GZPK 165SQ-C
 High-end 165 mm / 6.5"
 midwoofer
 140 WRMS / 200 W max

PLUTONIUM SQ Subwoofer

General information

Experience the next level of audio excellence. Building on the success of its predecessor, this 25 cm / 10" SQ model is designed to meet the highest audiophile expectations. Engineered for optimal performance in small sealed enclosures, the GZPW 10SQX delivers unparalleled sound quality, ensuring a rich and immersive audio experience

Features:

- 25 cm / 10" high-end sound quality subwoofer
- Klippel® optimized (for sealed enclosures)
- Aluminum cone
- Solid aluminum cast basket
- ConeGlide rubber surround
- 50 mm / 2" copper wire voice coil
- Aluminum cast fastening rim/grill included

Model Specifications

GZPW 10SQX

High-end sound quality subwoofer
 400 W RMS / 2x 2 Ω



Aluminum cast fastening rim and grill included



Model specifications

GZPW 15NEO-XSPL
High power SPL subwoofer
6500 W RMS / 25000 W SPL (3 sec.) / 2x 1 Ω



General information

GROUND ZERO introduced the ultimate SPL subwoofer for competition use with the PLUTONIUM series neodymium-driven top-of-the-line 38 cm / 15" model. Starting from the market release, this subwoofer has set benchmarks in all SPL competitions around the world.

- Features:
- 38 cm / 15" high power SPL subwoofer
 - Multi-piece neodymium motor with 19 elements
 - Klippel® optimized
 - Carbon fiber cone & dust cap
 - ConeGrip surround for tight cone-guidance
 - Airflow optimized aluminum cast basket
 - 100 mm / 4" flat wire voice coil
 - 7-layer 12" spider
 - Fixed connection cables

PLUTONIUM Subwoofer

Model specifications

GZPW 15C
High power subwoofer
6500 W RMS / 2x 1 Ω



General information

The PLUTONIUM series subwoofer incorporates many features found in the award-winning NEO-XSPL competition subwoofers.

- Features:
- 38 cm / 15" high-power subwoofer
 - Klippel® optimized
 - Carbon cone & dust cap
 - ConeGrip surround for tight cone-guidance
 - Airflow optimized aluminum cast basket
 - 100 mm / 4" aluminum, 8-layer CCA voice coil
 - 7-layer 12" spider
 - No pole ventilation – improved voice coil cooling

PLUTONIUM XMAX-II Subwoofer

Model specifications

GZPW 15XMAX-II
High power long excursion subwoofer
6000 W RMS / 2x 1 Ω



General information

The PLUTONIUM series XMAX-II subwoofer follows in the footsteps of the legendary GZPW 15XQ setting a new benchmark for cone excursions. Using only components with extremely high-power handling and an even stronger ferrite motor than its Xmax predecessor.

- Features:
- 38 cm / 15" High power long excursion subwoofer
 - Klippel® optimized
 - Aluminum cone and dust cap
 - High-roll surround
 - Airflow optimized aluminum cast basket
 - 100 mm / 4" CCA flat wire voice coil
 - 7-layer 12" spider
 - No pole ventilation – improved voice coil cooling



NUCLEAR SERIES

High-End DNA.

Inspired by the acclaimed PLUTONIUM series, the NUCLEAR line delivers outstanding performance and precision – at an exceptionally strong price-performance ratio. It features newly developed midwoofers with advanced high-tech cones and a refined silk dome tweeter, housed in solid aluminum – combining audiophile sound with everyday usability. In addition, a range of powerful subwoofers offers massive performance for both high-end sound systems and full-blown SPL setups. Built for versatility, tuned for impact – the NUCLEAR series bridges the gap between high-end sound and real-world value.

Model specifications

General information



GZNC 165.2SQ-ACT
 High-tech 2-way set for active applications
 Freq. response 40– 25000 Hz
 Components:
 GZNT 28SQ
 GZNK 165SQ-K

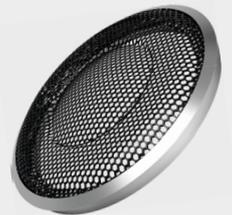
The all-new NUCLEAR series loudspeaker components have been developed together with the latest PLUTONIUM models. High-tech Kevlar® cones used for the midwoofer and upcoming midrange driver provide clear and dynamic audio reproduction. Both can be combined individually to a 2-way or 3-way full active SQ setup with the precision coated silk dome tweeter.

Common features:

- High-tech speakers for full active SQ applications
- Resonance free aluminum cast basket
- High-tech Kevlar® cones
- Impedance linearizing copper caps
- Powerful Klippel® optimized hybrid motor
- Clear and dynamic audio reproduction
- Precision coated silk dome tweeter
- Solid aluminum housing with GZ design fastening rim



GZNC 165.3SQ-ACT
 High-tech 3-way set for active applications
 Freq. response 40 – 25000 Hz
 Components:
 GZNT 28SQ
 GZNM 80SQ-K
 GZNK 165SQ-K



GZ ULTRA 80-GRILL & GZ ULTRA 165-GRILL
 For perfect custom installations and decent visible appearance, GROUND ZERO offers GZ-design hexagon style protection grills and massive machined aluminum mounting rims with a polished surface

NUCLEAR Loudspeaker components



GZNT 28SQ
 High-tech 28 mm / 1.1" silk dome tweeter
 Solid aluminum housing
 90 W RMS / 140 W max



GZNM 80SQ-K
 High-tech 80 mm / 3.15" midrange speaker
 70 W RMS / 110 W max



GZNK 165SQ-K
 High-tech 165 mm / 6.5" midwoofer
 130 W RMS / 190 W max

NUCLEAR SPL Subwoofers

General information

Taking the time to launch a worthy successor for the legendary NUCLEAR SPL subwoofers, GROUND ZERO developed two extraordinary power capable models with huge SPL output for daily use and SPL competition purpose. This new model is available in a double 2-ohms and a double 1-ohm version.

Common features:

- High-power SPL subwoofer
- Klippel® optimized
- Reinforced paper cone and dust cap
- Long stroke foam surround
- Solid aluminum cast basket
- 75 mm / 3" aluminum wire voice coil
- 4-layer Nomex spider
- Fixed connection cables

Model specifications

GZNW 30SPL-D1
High power SPL subwoofer
3000 W RMS / 6000 W SPL / 2x 1 Ω

GZNW 30SPL-D2
High power SPL subwoofer
3000 W RMS / 6000 W SPL / 2x 2 Ω



GZNW 38SPL-D1
High power SPL subwoofer
3500 W RMS / 7000 W SPL / 2x 1 Ω

GZNW 38SPL-D2
High power SPL subwoofer
3500 W RMS / 7000 W SPL / 2x 2 Ω



NUCLEAR NEO-XSPL Subwoofer

General information

Using carbon fiber instead of pressed paper increases the maximum amount of power usable for the EXTREME version of the NUCLEAR NEO-SPL subwoofer.

Features:

- 38 cm / 15" high performance SPL subwoofer
- Multi-piece neodymium motor
- Carbon fiber cone & dust cap
- Klippel® optimized
- U-shape high roll SPL surround
- Airflow optimized aluminum cast basket
- 75 mm / 3" 8-layer CCA flat wire voice coil
- 7-layer 12" spider
- Fixed connection cables

Model specifications

GZNW 38NEO-XSPL
High performance SPL subwoofer
6000 W RMS / 25000 W SPL (3 sec.) / 2x 1 Ω



Model specifications

GZNW 15X-D2
Long excursion subwoofer
2500 W RMS / 2x 2 Ω



GZNW 38C
High performance subwoofer
6000 watts RMS / 25000 W SPL (3 sec.)
2x 1 Ω



General information

With GZNW 15X-D2 GROUND ZERO resurrects an old legend. Combining the looks of the legendary blue GZNW 15X with modern subwoofer technology and years of experience, GROUND ZERO creates the long awaited successor.

Features:

- High performance long excursion subwoofer
- Klippel® optimized
- Aluminum cone
- High-roll surround
- Solid blue aluminum cast basket
- 75 mm / 3" 4-layer CCA round wire voice coil
- 4-layer polycotton spider
- Aluminum dust cap

The NUCLEAR series subwoofer incorporates a multitude of features found in the award-winning NEO-XSPL competition subwoofers.

Features:

- High-performance subwoofer
- Klippel® optimized
- Carbon cone & dust cap
- ConeGrip surround for tight cone-guidance
- Airflow optimized aluminum cast basket
- 75 mm / 3", 8 – layer flat wire CCA voice coil
- 7-layer 12" spider
- No pole ventilation – improved voice coil cooling

NUCLEAR XMAX Subwoofers

Model specifications

GZNW 30XMAX-II
High-performance long excursion subwoofer
3000 W RMS / 2x 1 Ω

GZNW 38XMAX-II
High-performance long excursion subwoofer
4000 W RMS / 2x 1 Ω



General information

NUCLEAR XMAX Subwoofer
The NUCLEAR line XMAX-II subwoofers share some of the features of the PLUTONIUM series top subwoofer and expand the line of high excursion models providing excellent low bass performance.

Common features:

- High power low bass subwoofers
- Klippel® optimized
- Aluminum cone and dust cap
- High-roll surround
- Solid aluminum cast basket
- 75 mm / 3" CCA round wire voice coil
- 4-layer Nomex spider (GZNW 30XMAX-II)
- 7-layer 12" spider and airflow optimized basket (GZNW 38XMAX-II)



URANIUM SERIES

Amazing Sound Quality

Each product of the URANIUM series has been developed carefully to fulfill the demands of music enthusiasts with high audiophile expectations at a reasonable price level. Applying all of Ground Zero's sound quality competition experience while tuning the product details carefully, results in emotional and amazing audio reproduction. The distinguished amplifiers point out the main purpose by their designation: SQ beyond the average!



URANIUM SQ Amplifiers

General information

The brand-new URANIUM SQ amplifier generation point out the main purpose by their designation. Many particular features, e.g., Darlington array power transistors and BURR-BROWN® operational amps and the wide-range BIAS control provide an amazing SQ performance. Highly accurate and variable wide-band filters form the basis for various combinations of passive or even full-active loudspeaker setups.

Common features:

- Class A/B SQ amplifier
- Adjustable BIAS control
- Latest BURR-BROWN® operational amplifiers
- Darlington power transistors
- High-end audio capacitors
- 1-ohm load stable in stereo mode (GZUA 2SQ)
- Variable high pass & low pass filters
- Stabilized power supply
- Ready for Start/Stop vehicles
- Re-designed noble & stylish heatsink
- Gold-plated terminals

Model specifications

GZUA 2SQ

Class A/B 2-channel SQ amplifier
 2x 170 / 300 / 450 W @ 4 / 2 / 1 Ω
 1x 1080 W max @ 2 Ω in bridged mode
 Wired remote control included
 (w/o picture)

GZUA 4SQ

Class A/B 4-channel SQ amplifier
 4x 115 / 185 W @ 4 / 2 Ω
 2x 440 W max @ 4 Ω in bridged mode



GZUA 6SQ

Class A/B 6-channel SQ amplifier
 4x 110 / 160 W + 2x 150 / 270 @ 4 / 2 Ω
 2x 380 + 650 W max @ 4 Ω in bridged mode



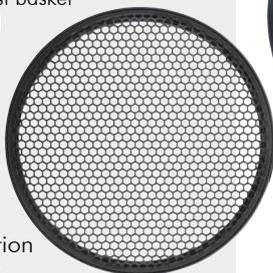
URANIUM SQX Subwoofers

General information

Each high-performance SQ speaker setup requires an equivalent low frequency extension. GZUW SQX-D2 subwoofers of the URANIUM series match perfectly and offer various options for individually calculated custom enclosures.

Common features:

- SQ subwoofers
- Klippel® optimized
- Pressed and coated paper cone
- Carbon dust cap
- Audiophile Polycot spider
- Resonance-free aluminum cast basket
- 50 mm / 2" copper voice coil
- U-shape foam surround
- Screw terminals



Optional accessories:

GZPG 250B

Solid hexagon style protection grill for GZUW 10SQX-D2

Model specifications

GZUW 8SQX-D2

High-quality SQ subwoofer
 300 W RMS / 2x 2 Ω



GZUW 10SQX-D2

High-quality SQ subwoofer
 450 W RMS / 2x 2 Ω



Model specifications

General information



GZUC 165.2SQ
 SQ 2-way component speaker system
 140 W RMS / 230 W max
 Freq. response 40 – 25000 Hz

GZUC 165.2SQ-ACT
 SQ 2-way set for full active applications
 Freq. response 40 – 25000 Hz
 Components:
 GZUK 165SQ
 GZUT 28SQX



GZUC 165.3SQ
 SQ 3-way component speaker system
 160 W RMS / 250 W max
 Freq. response 40 – 25000 Hz

GZUC 165.3SQ-ACT
 SQ 3-way set for full active applications
 Freq. response 40 – 25000 Hz
 Components:
 GZUK 165SQ
 GZUM 55SQ
 GZUT 28SQX

Using particular materials for cones and running hours of accurate tuning during the development, these speakers provide an amazing sound quality performance.

Apart from the separately available components, GROUND ZERO offers some models compiled to high quality passive speaker systems.

Common features:

- High-tech speakers for ambitious SQ-applications
- GZ design aluminum cast basket
- High-efficient neodymium motor
- Black aluminum cone
- Rubber surround
- 28 mm / 1.1" coated silk dome tweeter
- 55 mm / 2.17" silk dome midrange (3-way only)
- Variable 12 dB/oct crossover
- Klippel® optimized ferrite and neodymium motors
- GZ- design hexagon style protection grill



GZTH 25-28B
 Optional tweeter housing for GZUT 28SQX

URANIUM SQ Loudspeaker components



GZUT 28SQX
 SQ 28 mm / 1.1" silk dome tweeter
 80 W RMS / 130 W max
 Freq. response 2500 – 25000 Hz

GZUM 55SQ
 SQ 55 mm / 2.17" silk dome midrange
 90 W RMS / 150 W max
 Freq. response 500 – 11000 Hz
 Included aluminum ring for increased mounting stability



GZUF 60SQ-A
 SQ 60 mm / 2.36" full range speaker
 50 W RMS / 80 W max
 Freq. response 300 – 20000 Hz



GZUM 80SQ
 SQ 80 mm / 3.15" midrange
 50 W RMS / 80 W max
 Freq. response 200 - 6000 Hz



GZUX 165.3SQ
 SQ 3-way passive crossover (1 pair)

GZUX 165.2SQ
 SQ 2-way passive crossover (1 pair)



GZUK 165SQ
 SQ 165 mm / 6.5" midwoofer
 120 W RMS / 180 W max
 Freq. response 40 – 3500 Hz



HYDROGEN SERIES

High-Grade Technology

Products of the HYDROGEN series match with the demands of highly sophisticated customers. Amazing performance, great sound quality and high SPL whenever required. The subwoofers have been developed to handle a huge amount of input power reaching extremely high bass levels, to be used successfully even under competition conditions. Matching 2- and 3-way component speaker systems and a number of MINI amplifiers with compact dimensions for limited installation space complete this famous GROUND ZERO line-up.

Model Specifications

General information



GZHA MINI ONE
Compact mono subwoofer amplifier
1x 220 / 390 / 630 W @ 4 / 2 / 1 Ω
Link mode 1500 W max @ 2 Ω



GZHA MINI ONE-K
Compact mono subwoofer amplifier
1x 340/600/1000 W RMS @ 4 / 2 / 1 Ω
Link mode 2300 W max @ 2 Ω

Especially for limited installation space, GROUND ZERO offers the compact sized HYDROGEN MINI full-range class D amplifiers. Meeting all requirements, a 2-channel, a 4-channel and a 5-channel model is available in a small-sized black-anodized heatsink. Two mono amplifiers deliver a bunch of power for subwoofers, while another mono amplifier and a 4-channel version are offered for 24 V applications. In addition, a brand new 5-channel DSP amplifier is available now, offering the same compact footprint as GZHA MINI FIVE with the benefit of a built-in 7-channel DSP.

Common features:

- Compact sized amplifiers
- High-efficient class D technology
- SMD components
- Variable active crossover
- Bass boost & phase shift (not GZHA MINI FIVE)
- Stabilized power supply
- Large terminals
- Solid heatsink with engraved GZ lettering
- High-level input with auto-on function
- (suitable for impedance controlling OEM head units, e.g. latest Volkswagen models)
- Link mode for two amplifiers (MINI ONE / ONE-K)
- Bass remote control included (not for GZHA MINI FOUR, GZHA MINI FIVE-DSP)

GZHA MINI ONE-K 24V
24 V power supply



GZHA MINI TWO*
Compact 2-channel full-range amplifier
2x 130/230 W RMS @ 4 / 2 Ω
Bridged mode 1x 550 W max @ 4 Ω
*Improved SQ version



GZHA MINI FOUR*
Compact 4-channel full-range amplifier
4x 80/130 W RMS @ 4 / 2 Ω
Bridge mode 2x 320 W max @ 4 Ω
*Improved SQ version
Wired remote control available separately

GZHA MINI FOUR-24V
24 V power supply



GZHA MINI FIVE*
Compact 5-channel full-range amplifier
4x 75/125/- & 1x 190/320/500 W RMS @ 4 / 2 / 1 Ω
*Improved SQ version

*Improved SQ version

The SQ upgrade stage contains not only the latest high-level input circuit, but indicates that a number of electronic parts influencing the sound quality have been changed to enhance the overall performance. Each full range amplifier received the SQ upgrade.



GZHA MINI FIVE-DSP
Compact 5-channel full-range DSP amplifier
4x 75/125/- & 1x 190/320/500 W RMS @ 4 / 2 / 1 Ω

Detailed product information on page 47!



GZDSP REM 4-8XII-S
Optional wired remote control



GZDSP BTS 4-8XII
USB interface for wireless music streaming & app control

HYDROGEN Loudspeaker system

General information

Powerful loudspeaker components and systems matching the HYDROGEN series to be combined with amplifiers and subwoofers. Based on the aluminum cast from the URANIUM series, the engineers have now realized a powerful midwoofer. In combination with the brand-new vented silk dome tweeter and a 2-way passive crossover, the new HYDROGEN series GZHC 165.2 2-way system is born.

Features

- 2-way speaker system with powerful soundcharacter
- 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
- Flush mount housing and coupled chamber
- Variable 12/6 dB/oct crossover with level adjustment
- GZ- design hexagon style protection grill

Model Specifications

GZHC 165.2

2-way component speaker system
130 W RMS / 220 W max
Freq. response 40 – 24000 Hz



HYDROGEN Loudspeaker components

General information

The HYDROGEN series loudspeakers are now available for 3-way full active applications.

Model Specifications

GZHK 165

Powerful midwoofer
120 W RMS / 180 W max
Freq. response 40 – 5000 Hz



GZHM 80

SQ midrange
50 W RMS / 80 W max
Freq. response 170 – 5000 Hz



GZHT 25S

25 mm / 1" silk dome tweeter
70 WRMS / 110 W max
Freq. response 2200 – 24000 Hz



General information

The HYDROGEN SPL subwoofer line-up contains a great variety of models in many different sizes for various demands. Massive aluminum cast baskets and a lot of further technologies enhance the reachable SPL level. Apart from the smallest member of the family, each model is available in D1 or D2 voice coil version for a more flexible amplifier setup.

Common features:

- High-power SPL subwoofer
- Fiber-reinforced paper cone
- High excursion foam surround
- High-temperature copper voice coils
- Progressive 2-layer spider
- GZ- design aluminum cast basket
- Powerful street bass and SPL performance



GZHW 38XSPL-D1
High-power SPL subwoofer
3500 W SPL / 2x 1 Ω

GZHW 30XSPL-D1
High-power SPL subwoofer
3000 W SPL / 2x 1 Ω

GZHW 25XSPL-D1
High-power SPL subwoofer
2500 W SPL / 2x 1 Ω

GZHW 20XSPL-D1
High-power SPL subwoofer
1500 W SPL / 2x 1 Ω

GZHW 16SPL
High-power SPL subwoofer
1000 W SPL / 2x 2 Ω
50 mm / 2" voice coil

GZHW 38XSPL-D2
High-power SPL subwoofer
3500 W SPL / 2x 2 Ω

GZHW 30XSPL-D2
High-power SPL subwoofer
3000 W SPL / 2x 2 Ω

GZHW 25XSPL-D2
High-power SPL subwoofer
2500 W SPL / 2x 2 Ω

GZHW 20XSPL-D2
High-power SPL subwoofer
1500 W SPL / 2x 2 Ω

HYDROGEN FLAT Subwoofers

General information

The brand-new GZ HYDROGEN FLAT line solves the problem of cramped installation space requiring a shallow enclosure for the subwoofer.

Equipped with a powerful motor and a huge voice coil known from the existing subwoofers of the HYDRGEN SPL series, these models can handle power up to 1200 Watts SPL.

Common features:

- High-power SPL subwoofer
- Shallow installation depth
- Klippel® optimized
- Efficient ferrite magnet
- Durable U-shape rubber surround
- Massive aluminum cast basket
- Paper sandwich cone
- 4-layer copper voice coil
- Chrome-plated push terminal



GZHW 12SPL-D2 FLAT
High-power flat SPL subwoofer
700 W RMS / 1200 W SPL
2x 2 Ω
63 mm / 2.5" copper voice coil

GZHW 10SPL-D2 FLAT
High-power flat SPL subwoofer
600 W RMS / 1000 W SPL
2x 2 Ω
63 mm / 2.5" copper voice coil

GZHW 8SPL-D2 FLAT
High-power flat SPL subwoofer
500 W RMS / 800 W SPL
2x 2 Ω
50 mm / 2" copper voice coil



RADIOACTIVE SERIES

Advanced Dynamics

The RADIOACTIVE series offers a wide range of exceptional high-efficient loudspeakers and subwoofers for daily use but ready for SQ and SPL competition, as well. During the development GROUND ZERO focused especially on natural and dynamical audio reproduction of digitally compressed music. Two powerful class D amplifiers are matching power suppliers for each kind of custom application.

Model specifications

GZRA 2HD
 Powerful 2-channel class D amplifier
 2x 285 / 450 W RMS @ 4 / 2 Ω
 Bridge mode 1x 900 W RMS @ 4 Ω
 Wired remote control available separately



GZTA Bassremote
 Optional remote control for GZRA 2HD

GZRA 4HD
 Powerful 4-channel class D amplifier
 4x 175 / 275 W RMS @ 4 / 2 Ω
 Bridge mode 2x 550 W RMS @ 4 Ω



General information

The RADIOACTIVE series Class D amplifiers deliver astonishing power at high SQ level and an extraordinary frequency range for high-resolution music reproduction.

Common features:

- High-efficient Class D amplifiers
- High-level input with auto-on function
- Wide-band low pass filter
- Wide-band high pass filter
- Variable bass boost
- Ready for Start/Stop vehicles
- Solid black-anodized aluminum heatsink
- Multiple protection circuit



General information

The RADIOACTIVE SQX speaker systems have been developed for highly demanding listeners. Containing coated silk dome tweeters and high-grade passive crossovers with various options.

Common features:

- High-dynamic SQ loudspeaker
- Massive aluminum phaseplug
- Black, circular-brushed aluminum cone
- Klippel® optimized ferrite motor
- Coated silk dome tweeter
- 12/18 dB/oct high-grade crossover
- 12/12 dB/oct crossover (IVX version)
- High-efficient 3-ohm impedance
- Linearizing copper cap
- Hexagon style protection grill
- Detailed and natural music reproduction



GZTH 25-28B

Optional tweeter housing for GZRT 25SQ

Model specifications

GZRC 165.2SQX

High-dynamic 2-way SQ component speaker system
120 W RMS / 190 W max



GZRC 165.3SQX-ACT

High-dynamic 3-way SQ set for active applications
Components:
GZRK 165SQX
GZRM 80SQX
GZRT 25SQ



GZRC 165.2SQX-IV

High-dynamic 2-way SQ component speaker system
Installer version
120 W RMS / 190 W max
Tweeter housing included



RADIOACTIVE Loudspeaker components



GZRT 25SQ

SQ silk dome tweeter
70 W RMS / 110 W max
Freq. response 3 – 25 kHz



GZRM 80SQX

SQ midrange
50 W RMS / 80 W max
Freq. response 140 – 17000 Hz



GZRK 165SQX

High-dynamic midwoofer
120 W RMS / 160 W max
Freq. response 45 – 15000 Hz

Model specifications

General information



GZRF 4.0SQX
High-dynamic 2-way coaxial loudspeaker
70 W RMS / 110 W max
Freq. response 70 Hz – 24 kHz



GZRF 5.2SQX
High-dynamic 2-way coaxial loudspeaker
80 W RMS / 120 W max
Freq. response 60 – 24 kHz



GZRF 6.5SQX
High-dynamic 2-way coaxial loudspeaker
100 W RMS / 140 W max
Freq. response 50 – 24 kHz



GZRF 69SQX
High-dynamic 3-way coaxial loudspeaker
130 W RMS / 200 W max
Freq. response 40 – 25 kHz

The new RADIOACTIVE SQX coaxial speakers satisfy the request for dynamical and high-efficient audio reproduction. Black, circular-brushed aluminum cones used for the midwoofers in combination with a new coated silk dome tweeter deliver an amazing sound performance.

Common features:

- High-dynamic coaxial loudspeakers
- Black, circular-brushed aluminum cone
- Rubber surround
- Resonance-free steel basket
- High-efficient 3-ohm impedance
- 20 mm / 1" silk dome tweeter (not GZRF 69SQX)
- 13 mm/0.51" PEI tweeter and 50 mm/1.97" midrange (GZRF 69SQX)
- Tweeter and overload protection
- Hexagon style protection grill
- Detailed and natural music reproduction



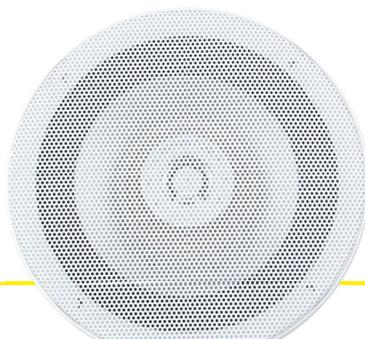
MARINE Coaxial loudspeaker

Model specifications

General information



GZRM 165X
Water-resistant 2-way coaxial speaker
70 W RMS / 120 W max
Freq. response 60 – 25000 Hz



The MARINE series includes coaxial speakers in white finish suitable for humid areas like bathrooms and pool areas, as well as offshore applications with occasionally appearing direct splashing water such as on outer decks or leisure boats.

Features:

- 2-way marine coaxial loudspeaker
- IMPP cone
- Rubber surround
- Rainwater and splash protected
- Salt water resistant
- 13 mm / 0.51" PEI tweeter
- White frame and protection grill

RADIOACTIVE Subwoofers

General information

Using most of the particular features previously developed for the SPL subwoofers, the street versions have been equipped with a large, long-stroke surround and a particular spider to reduce the resonance frequency for daily music listening.

Common features:

- Powerful low bass subwoofer
- Fiber-reinforced paper cone
- Multilayer foam U-Shape surround
- High-temperature copper voice coil
- High-excursion single layer spider
- Optimal for daily use



Model specifications

GZRW 25-D2
High-quality subwoofer
600 W RMS
2x 2 Ω

GZRW 30-D2
High-quality subwoofer
800 W RMS
2x 2 Ω

GZRW 38-D2
High-quality subwoofer
1000 W RMS
2x 2 Ω



RADIOACTIVE FLAT Subwoofers

General information

New RADIOACTIVE FLAT subwoofers are optimized for shallow installations like small enclosures or motor bikes. Available in two different sizes.

Common features:

- Powerful low-profile subwoofer
- Paper sandwich cone
- Efficient ferrite motor
- Durable rubber surround
- Optimal for daily use



Model specifications



GZRW 250-D2 FLAT
High-quality subwoofer
400 W RMS
2x 2 Ω



GZRW 300-D2 FLAT
High-quality subwoofer
450 W RMS
2x 2 Ω

RADIOACTIVE SPL Subwoofers



General information

RADIOACTIVE SPL subwoofers include some particular technologies for SPL use at a very reasonable price. The right choice for dedicated SPL competition rookies.

Common features:

- High-power SPL subwoofer
- Fiber-reinforced paper cone
- Multilayer foam U-Shape SPL surround
- High-temperature voice coils
- Progressive double layer spider
- Ultimate choice for SPL-Rookies

GZRW 15XSPL
High-quality SPL subwoofer
1200 W RMS / 1800 W SPL
2x 2 Ω

GZRW 12XSPL
High-quality SPL subwoofer
1000 W RMS / 1500 W SPL
2x 2 Ω

GZRW 10XSPL
High-quality SPL subwoofer
800 W RMS / 1200 W SPL
2x 2 Ω

GZRW 8XSPL
High-quality SPL subwoofer
500 W RMS / 1000 W SPL
2x 2 Ω

GZRW 6XSPL
High-quality SPL subwoofer
350 W RMS / 700 W SPL
2x 2 Ω

GZRW 8XSPL-D1 (w/o pic.)
2x 1 Ω

GZRW 6XSPL-D1 (w/o pic.)
2x 1 Ω

RADIOACTIVE SPL Enclosures

General information

RADIOACTIVE SPL subwoofers include some particular technologies for SPL use delivering a lot of low frequency output from rather compact boxes. The right choice for everyday listening and dedicated SPL competition rookies. The line contains four ready-to-play vented enclosure subwoofers.



GZRB 16SPL
Space-saving vented SPL subwoofer
350 W RMS / 700 W SPL
2x 2 Ω



GZRB 20SPL
Space-saving vented SPL subwoofer
500 W RMS / 1000 W SPL
2x 2 Ω

GZRB 20SPL-ACT
(including GZ SUB-AMP 300)
Space-saving vented SPL subwoofer
280 W RMS / 330 W max



GZ SUB-AMP 300
Mono amplifier module
More information on page 60



GZRB 25SPL
Space-saving vented SPL subwoofer
500 W RMS / 1000 W SPL
2x 2 Ω
(w/o picture)

GZRB 30SPL
High-quality vented SPL subwoofer
700 W RMS / 1350 W SPL
2x 2 Ω



TITANIUM SERIES

Premium Quality

The products of the GROUND ZERO TITANIUM series combine premium quality and high- efficiency. A wide range of dedicated loudspeakers, coaxials and component systems meet most of individual needs.

Model specifications



GZTF 4.0X
High-quality 2-way coaxial speaker
70 W RMS / 100 W max
Freq. response 70 - 22000 Hz



GZTF 5.2X
High-quality 2-way coaxial speaker
80 W RMS / 110 W max
Freq. response 60 - 22000 Hz



GZTF 6.5X
High-quality 2-way coaxial speaker
90 W RMS / 130 W max
Freq. response 50 - 22000 Hz



GZTF 69X
High-quality 3-way coaxial speaker
130 W RMS / 190 W max
Freq. response 40 - 22000 Hz

General information

High-efficiency coaxial loudspeakers of the TITANIUM series offer a great value sound upgrade for OEM or aftermarket head units with the significant yellow 3D-HQPP cone.

Common features:

- High-efficient coaxial loudspeaker
- 3D-HQPP cone
- Rubber surround
- Resonance-free steel basket
- High-efficient 3-ohm impedance
- 13 mm / 0.51" Mylar tweeter
- 55 mm / 2.2" Mylar midrange (GZTF 69X)
- Hexagon style protection grill



TITANIUM Loudspeaker systems



GZTC 130.2X
High-quality 2-way component system
80 W RMS / 130 W max
Freq. response 60 - 22000 Hz
Compact 12 dB/oct high pass filter
In-line low pass filter



GZTC 165.2X
High-quality 2-way component system
100 W RMS / 150 W max
Freq. response 50 - 22000 Hz
Compact 12 dB/oct high pass filter
In-line low pass filter



GZTC 165.3X-ACT
High-quality 3-way set for active applications
Components:
19 mm / 0.75" soft dome tweeter
GZTM 100NEO
GZTK 165

TITANIUM Loudspeaker components



GZTT 20S
High-quality 20 mm / 0.79" soft dome tweeter
40 W RMS / 70 W max
Freq. response 3 - 22 kHz



GZTM 100NEO
High-quality neodymium midrange
40 W RMS / 60 W max
Freq. response 250 - 7000 Hz



GZTK 165
High-quality midwoofer
80 W RMS / 100 W max
Freq. response 50 - 4000 Hz



IRIDIUM SERIES

Top Performance @ Entry Level

Representing the entry line of GROUND ZERO the IRIDIUM series offers a lot of useful features and good performance for most applications. The range contains a variety of affordable amplifiers, loudspeakers and subwoofers for daily use as well as for SPL purpose.

The Subwoofers are available for individually designed enclosures or as ready-to-play vented boxes.

Model specifications

General information



GZIA 100.2
 High-quality class A/B amplifier
 2x 75 / 120 W RMS @ 4 / 2 Ω
 Bridged mode 1x 300 W max @ 4 Ω
 Incl. wired bass remote control



GZIA 200.2
 High-quality class A/B amplifier
 2x 135 / 230 W RMS @ 4 / 2 Ω
 Bridged mode 1x 550 W max @ 4 Ω
 Incl. wired bass remote control



GZIA 135.4
 High-quality class A/B amplifier
 4x 100 / 140 W RMS @ 4 / 2 Ω
 Bridged mode 2x 320 W max @ 4 Ω
 Incl. wired bass remote control



GZIA 500.1 (w/o picture)
 High-quality mono class D amplifier
 1x 230 / 400 / 580 W RMS @ 4 / 2 / 1 Ω
 1x 700 W max @ 1 Ω
 Incl. wired bass remote control

GZIA 1000.1
 High-quality mono class D amplifier
 GZ-PowerBalance* power supply regulation
 1x 320 / 670 / 1250 W RMS @ 4 / 2 / 1 Ω
 1x 1500 W max @ 1 Ω
 Incl. wired bass remote control

GZIA 1500.1 (w/o picture)
 High-quality mono class D amplifier
 GZ-PowerBalance* power supply regulation
 1x 430 / 850 / 1530 W RMS @ 4 / 2 / 1 Ω
 1x 1900 W max @ 1 Ω
 Incl. wired bass remote control

The range of amplifiers contains a variety of affordable models for the daily use and for SPL purpose. The feature list includes the most important functions like high-level input with auto turn-on or a remote control for the low-impedance stable mono amplifiers.

Common features:

- 4 Ω / 2 Ω stable in stereo mode
- 1 Ω stable (mono amplifiers)
- Status indicator
- Bass Boost (mono amplifiers)
- Variable active crossover
- High-level input with auto-on function
- Adjustable input sensitivity
- Soft-delayed remote turn-on
- Thermal / Short / Overload protection
- GZ-PowerBalance* power supply regulation (only for models GZIA 1000.1 & GZIA 1500.1)

*GZ-PowerBalance ensures a constant output power with fluctuating input voltage (10 – 16 V)

IRIDIUM SPL system and loudspeaker

Expanding the line-up for the fans of SPL levels, GZ engineers created a high-power capable component speaker system including a high-roll midwoofer and combined it with the GZCT 25M-SPL tweeter. The SPL midwoofer is available separately, as well.

Features:

- High-power 2-way SPL component loudspeaker system
- Klippel® optimized
- HQPP cone with 3D-structure
- Durable rubber surround
- Resonance free steel basket
- 25 mm / 1" Mylar SPL tweeter w. flush mount housing
- 12 dB/oct high-pass filter with level adjustment
- Hexagon style protection grill



GZIC 165.2SPL
120 W RMS / 200 W SPL
Freq. response 45-20000 Hz



GZIK 165SPL
High-power SPL midwoofer
80 W RMS / 120 W SPL / 3 Ω

IRIDIUM Loudspeaker systems

The latest IRIDIUM series component loudspeakers feature a GZ-design basket with improved ventilation and higher stability, increased spider diameter and a particularly shaped HQPP cone with 3-D honeycomb structure. With GZIC 165.2HE an additional high-efficient component system had been added to the line-up.

Features:

- High-quality 2-way component loudspeaker system
- Klippel® optimized
- HQPP cone with 3D-structure
- Durable rubber surround
- Resonance free steel basket
- Phaseplug (only HE version)
- 19 mm / 0.75" Mylar dome tweeter
- 12 dB/oct high-pass filter with level adjustment
- Hexagon style protection grill



GZIC 130.2
90 W RMS / 140 W max
Freq. response 60-20000 Hz



GZIC 165.2
100 W RMS / 150 W max
Freq. response 50-20000 Hz



GZIC 165.2HE
100 W RMS / 150 W max
Freq. response 75-20000 Hz

HE
HIGH EFFICIENT

IRIDIUM Coaxial loudspeakers

Common features:

- High-quality coaxial loudspeakers
- HQPP cone with 3D-honeycomb structure
- Wide frequency response
- 13 mm / 0.51" Mylar tweeter
- 50 mm / 2" Mylar midrange (GZIF 69)



GZIF 4.0
2-way coaxial loudspeaker
60 W RMS / 100 W max



GZIF 5.2
2-way coaxial loudspeaker
70 W RMS / 110 W max



GZIF 6.5
2-way coaxial loudspeaker
80 W RMS / 120 W max



GZIF 69
3-way coaxial loudspeaker
120 W RMS / 180 W max

IRIDIUM Flat loudspeakers and systems

Common features:

- High-quality flat loudspeakers
- Coated paper cone
- Wide frequency response
- 13 mm / 0.51" Mylar tweeter (coax)
- 19 mm / 0.75" Soft dome tweeter (compo)



GZIF 4001FX
2-way flat coaxial
50 / 90 W RMS / max



GZIF 5201FX
2-way flat coaxial
60 / 100 W RMS / max



GZIF 6501FX
2-way flat coaxial
70 / 110 W RMS / max



GZIC 400FX
2-way flat compo
60 / 100 W RMS / max



GZIC 650FX
2-way flat compo
100 / 140 W RMS / max

Model specifications

General information



GZIW 10XSPL-D2
High-power SPL subwoofer
700 W SPL / 2x 2 Ω



GZIW 12XSPL-D2
High-power SPL subwoofer
1000 W SPL / 2x 2 Ω



Available in
yellow or pink color

The IRIDIUM series contains a new 25 cm / 10" and a 30 cm / 12" SPL model with 3D-structured pressed paper cone and stitched surround. The larger version is available as pink color edition, as well to fit individual applications.



IRIDIUM Street Subwoofers

Model specifications

General information



GZIW 165
High-quality subwoofer
100 W RMS / 4 Ω



GZIW 200
High-quality subwoofer
150 W RMS / 4 Ω



GZIW 250
High-quality subwoofer
250 W RMS / 4 Ω



GZIW 300
High-quality subwoofer
350 W RMS / 4 Ω

The IRIDIUM street subwoofers with single 4 Ω voice coil, long stroke rubber surround and a new HQPP cone with 3D-honeycomb structure are perfect for daily use.

- Common features:
- HQPP cone with 3D-honeycomb structure
 - U-shape rubber surround
 - High-power copper voice coil
 - Audiophile PC spider
 - Push terminal
 - Woven-in lead wires
 - Resonance-free steel basket
 - 3D dust cap logo
 - Rubber gasket

General information

A subwoofer can cover all demands on low frequency reproduction in a suitable housing. The IRIDIUM series offers a wide selection of passive models as well as some active versions.

Common features:

- Solid enclosure from MDF wood
- Logo embroidery
- Flow-optimized bass tunnel (ventilation)
- GZ-design push terminal
- Stable HQPP cone with 3D-honeycomb structure
- Rubber surround
- High-power copper voice coil
- Audiophile PC spider
- Woven-in lead wires
- Resonance-free steel basket
- 3D dustcap logo
- Plastic injection gasket with logo
- Including solid protective bars

ACT Version
with integrated amplifier



Quick-release power connector

Common features ACT models:

- Powerful active subwoofer
- Class A/B MOSFET amplifier
- Adjustable bass boost
- Phase shift (phase switch)
- Low pass filter (30 - 120 Hz)
- High-level input with auto-on function
- Quick-release power connector
- Remote control connector*

*Wired remote control available separately



GZTA Bassremote
Optional remote control for ACT models

Model specifications

GZIB 20BR
High-quality vented subwoofer enclosure
150 W RMS / 4 Ω



GZIB 20BR-ACT
High-quality vented active subwoofer enclosure
120 W RMS / 220 W max

GZIB 25BR
High-quality vented subwoofer enclosure
250 W RMS / 4 Ω



GZIB 25BR-ACT
High-quality vented active subwoofer enclosure
150 W RMS / 270 W max

GZIB 30BR
High-quality vented subwoofer enclosure
350 W RMS / 4 Ω



GZIB 30BR-ACT
High-quality vented active subwoofer enclosure
180 W RMS / 300 W max

GZIB 2.30BR
High-quality vented subwoofer enclosure
700 W RMS / 2x 2 Ω



GZIB 2.30BR-ACT
High-quality vented active subwoofer enclosure
250 W RMS / 400 W max

Model specifications

General information



GZIB 12SPL
High-quality vented SPL subwoofer enclosure
500 W RMS / 1000 W SPL
2x 2 Ω



GZIB 2.12SPL
High-quality vented SPL subwoofer enclosure
1000 W RMS / 2000 W SPL
4x 2 Ω

Satisfying the demand for high-level sound pressure, GROUND ZERO offers a single and a double 30 cm / 12" SPL subwoofer enclosure.

Common features:

- Solid enclosure from MDF wood
- Logo embroidery
- Flow-optimized bass tunnel (ventilation)
- GZ-design push terminal
- High-power SPL subwoofer
- Klippel® optimized
- 3D-structured pressed paper cone
- 63 mm / 2.5" copper round wire voice coil
- High-roll sandwich surround
- Progressive 2-layer spider
- Speaker protection bars



GZST 4S
4-pin push terminal

IRIDIUM Bass Kit

Model Specifications

Features



GZ BASS KIT 12.300X-II
Powerful 30 cm / 12" bass kit
Mono class A/B amplifier

GZ BASS KIT 12.300X-II CONNECT
Contains wiring kit



- Powerful 30 cm / 12" bass kit
- Loaded subwoofer enclosure
- 40 Liter / 1.41 ft³
- GZ-design push terminal
- Airflow-optimized ventilation port
- Mono class A/B amplifier
- Output power 300 Watts max
- Bass boost control
- Variable low pass filter
- High-level input with auto-on function

Optional wiring kit GZPK 10XLC-II

- 10 mm² / 7 AWG power kit
- Twisted RCA cable
- 1.5 m / 4.92 ft 2.5 mm² / 13 AWG speaker cable
- Mini ANL fuseholder incl. 60 A fuse
- Remote cable



GZST 2S
2-pin push terminal



COMPETITION SERIES

Realistic Stage Atmosphere

Experiencing real concert atmosphere or club feeling requires professional high SPL levels to be achieved. In consequence, particular and powerful loudspeakers and power amplifiers need to be used. GROUND ZERO's development department doesn't make any compromise whenever the purpose of a product is defined that clear. As a result, each COMPETITION series member will be the right choice for demanding applications expecting very high SPL level audio reproduction with high sound quality.



COMPETITION PRO SERIES

The benchmark for high-SPL audio

The COMPETITION PRO line marks the very top level of electrically and mechanically possible power handling within the GROUND ZERO line-up. Meanwhile, the red basket drivers have become well-known and famous for their performance at open show and motorbike applications at very high SPL and SQ level.

Model specifications

General information



GZCA 300.4-1Ohm
4 – Channel competition SPL amplifier
4x 345 W RMS / 410 W max @ 1 Ω

GZCA 300.Q1-24V
24 V power supply



GROUND ZERO's class D high-power amplifiers have become a benchmark delivering a huge amount of output power for any kind of open show or SPL application. The latest generation starts with the launch of some models covering the essential demand of subwoofers at rated 1500 up to 8500 Watts.

◦ Bass remote control included (not for GZCA 500.Q1)



GZCA 500.Q1
4 – Channel competition SPL amplifier
4x 450 W RMS / 575 W max @ 1 Ω

GZCA 3000X.M1
Mono competition SPL amplifier
1x 3180 W RMS / 4500 W max @ 1 Ω

GZCA 3000X.M2
Mono competition SPL amplifier
1x 3180 W RMS / 4500 W max @ 2 Ω

GZCA 3000.M1-24V
24 V power supply



GZCA 5000.M1 / M2 (w/o picture)
Mono competition SPL amplifier
Power: TBA



GZCA 8000.M1
Mono competition SPL amplifier
1x 8100 W RMS / 9800 W max @ 1 Ω



GZCA 13000.M1
Mono competition SPL amplifier
1x 12560 W RMS / 16000 W max @ 1 Ω



COMPETITION PRO Full range coaxial loudspeakers

General information

Combining a high-power capable compression tweeter with an amazing carbone cone midrange results in these new red basket coaxial loudspeakers. Both models are designed for full-active setups by using a DSP or an active cross-over delivering huge SPL levels.

Model specifications

GZCF 165NEO-PROC
High-power 2-way SPL coaxial speaker for active applications with
25 mm / 1" compression tweeter
150 + 50 W RMS / 300 + 100 W max
150 Hz – 20 kHz / SPL 94 dB
Neodymium magnet
Carbon cone

GZCF 200NEO-PROC (w/o picture)
High-power 2-way SPL coaxial speaker for active applications with
25 mm / 1" compression tweeter
250 + 50 W RMS / 400 + 100 W max
100 Hz – 20 kHz / SPL 96 dB
Neodymium magnet
Carbon cone



COMPETITION PRO Midrange loudspeakers

General information

These red basket drivers have set benchmarks for SPL performance. A high-efficient neodymium motor, a strong carbon cone and the extraordinary power handling leads to perfectly kicking midrange performance in every kind of open show or motorbike setup. Pure Rock'n'Roll for your ears!

Model specifications

GZCM 6.5N-PROC (w/o picture)
High-end 165 mm / 6.5" midrange
Specifications: TBA
Neodymium magnet
Carbon cone

GZCM 8.0N-PROC
High-end 200 mm / 8" midrange
Specifications: TBA
Neodymium magnet
Carbon cone



COMPETITION PRO Tweeters

General information

The COMPETITION PRO series marks the very top level of electrically and mechanically possible power handling, nowadays. This tweeter is designed especially for long distance open show and demonstration performances at very high SPL levels, if required.

Model specifications

GZCT 19N-PROX B
High-end compression tweeter
30 W RMS / 100 W max
3 – 22 kHz / SPL 109 dB



COMPETITION SQL Tweeter

General information

While the main the purpose of a compression tweeter is delivering a lot of SPL at high frequencies, this particular tweeter handles a huge amount of input power and thus, combines SQ music reproduction with high SPL level. That's called SQL.

Model specifications

GZCT 25SQL
25 mm / 1" horn SQ tweeter
100 W RMS / 150 W max
3 – 22 kHz / SPL 93 dB



Model specifications

General information



GZCM 6.5XSPL
High-power SPL midrange
120 W RMS / 320 W max
Freq. response 150 – 11000 Hz
SPL 95 dB



GZCM 8.0XSPL
High-power SPL midrange
170 W RMS / 420 W max
Freq. response 120 – 11000 Hz
SPL 95 dB



GZCM 10XSPL
High-power SPL midrange
200 W RMS / 450 W max
Freq. response 150 – 10000 Hz
SPL 95 dB

A particular customer high-power setup requires midrange speakers capable of handling a huge amount of input power. The line of COMPETITION midrange drivers contains one matching model for each demand.

COMPETITION Mid- / Subwoofer

Model specifications

General information

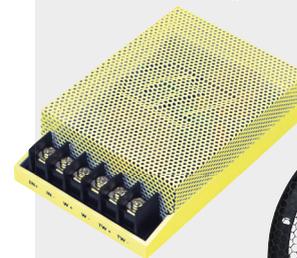
GZCK 165XSPL
High-power SPL
midwoofer
100 W RMS / 250 W max
50 – 10000 Hz / SPL 93 dB

GZCK 200XSPL
High-power SPL
midwoofer
150 W RMS / 300 W max
50 – 6000 Hz / SPL 93 dB

GZCK 250XSPL
High-power SPL
mid- / subwoofer
200 W RMS / 400 W max
40 – 6000 Hz / SPL 94 dB

While pure midrange drivers of the COMPETITION series require adequate low frequency support, the midwoofers offer a wider low frequency response.

GZCX 165-200.2SQL
2-way high-power competition crossover
also available separately



GZCK 250XSPL-GRILL
Hexagon style protection grill available separately

COMPETITION NEO Midrange loudspeaker

General information

Using neodymium for the motor of a loudspeaker increases the efficiency drastically. As a result, the COMPETITION series midrange drivers offer amazing high SPL levels at still reasonable power input. The black steel baskets used for these models combined with the flat neodymium motor reduce the required installation space and thus, fit most OEM-designed mounting positions.

Model specifications

GZCM 6.5NEO-DC
High-efficient SPL midrange
120 W RMS / 320 W max
240 Hz – 12 kHz / SPL 98 dB



COMPETITION NEO Coaxial loudspeakers

General information

COMETITION XSPL-NEO products include some fullrange loudspeakers and unique models for SPL applications. With a high-efficient and installer-friendly motor these speakers are optimized to fit into tight spaces without compromising SPL. All speakers come with UV-resistant and water-repellent cones.

Model specifications

GZCF 6.5XSPL-NEO
High-power 2-way SPL coaxial speaker with flat neodymium motor and 28 mm / 1.1" tweeter
100 W RMS / 250 W max
Freq. response 50 Hz – 20 kHz

GZCF 8.0XSPL-NEO
High-power 2-way SPL coaxial speaker with flat neodymium motor and 28 mm / 1.1" tweeter
150 W RMS / 300 W max
Freq. response 70 Hz – 20 kHz

GZCF 69XSPL-NEO
High-power 2-way SPL coaxial speaker with flat neodymium motor and 28 mm / 1.1" tweeter
150 W RMS / 300 W max
Freq. response 75 Hz – 20 kHz



COMPETITION Full range coaxial loudspeakers

General information

Coaxial loudspeakers have a major acoustical advantage compared to multi-way component speaker systems. There is hardly any phase deviation of the reproduced music signal between the midrange driver and the tweeter. The speakers can be used in active or passive setups.

Model specifications

GZCF 6.5XSPL
High-power 2-way SPL coaxial speaker
100 W RMS / 250 W max
Freq. response 50 Hz – 20 kHz

GZCF 8.0SPL (w/o picture)
High-power 2-way SPL coaxial speaker
150 W RMS / 300 W max
Freq. response 40 Hz – 20 kHz

GZCF 69SPL
High-power 2-way SPL coaxial speaker
150 W RMS / 300 W max
Freq. response 50 Hz – 20 kHz

GZCF 7104XSPL
High-power 4-way SPL coaxial speaker
200 W RMS / 300 W max
Freq. response 35 Hz – 25 kHz



Hexagon style protection grill included

Model specifications

General information



GZCT 25M-SPL
 High-quality dome tweeter
 Installation-friendly dimensions
 70 W RMS / 100 W max
 Incl. 12 dB/oct. in-line high pass filter



GZCT 28M-SPL
 High-quality dome tweeter
 Installation-friendly dimensions
 80 W RMS / 110 W max
 Incl. 12 dB/oct. in-line high pass filter



GZCT 500IV-B
 High-power compression tweeter
 30 W RMS / 100 W max
 4 – 25 kHz / SPL 102 dB



GZCT 3500XII-B / S
 High power compression tweeter
 30 W RMS / 100 W max
 3 – 25 kHz / SPL 99 dB
 Available in black or black/silver finish



GZCT 4000X
 High power compression tweeter
 50 W RMS / 140 W max
 2.5 – 20 kHz / SPL 103 dB



GZCT 5000SPL / -B
 High power compression tweeter
 70 W RMS / 180 W max
 2.5 – 20 kHz / SPL 108 dB
 Available in yellow or black finish

The line-up of COMPETITION series tweeters includes various models for any kind of custom application. Some models are specially designed for motorbike use while others will cover the needs of open-show installations.





DSP SERIES

Digital Sound Processing

In general, the in-car environment offers adverse conditions and installation positions for speakers.

However, inaccurate audio reproduction can be corrected by using digital technologies.

For this purpose, the DSP series contains some multi-channel units with a variety of connection options for upgrading OEM or aftermarket systems. The adjustment of the DSP can be done in real time using the included PC software or an APP.

Model specifications

GZHA MINI FIVE-DSP
 High-efficient 5-channel class D amplifier
 with built-in 7-channel DSP
 2x stereo RCA input /
 1x stereo RCA output /
 4-channel high-level input



General information

This 5-channel DSP offers an impressive amount of power in a compact form factor.

- Features:
- 2 ohms stable (channels 1-4)
 - 1 ohm stable (subwoofer channel)
 - 2x stereo RCA input / 1x stereo RCA output / 4-channel high-level input
 - Auto-on function (available for high-level input)
 - Ready for start-stop vehicles
 - Thermal / short circuit / overload protection
 - Digital signal processor (DSP)
 - Realtime setup of all functions (via PC or app*)
 - Simple handling, one-page graphical user interface (Windows® compatible)
 - Parametric 10 band equalizer for each channel
 - Time alignment (0-8 ms / 0-272 cm / 0-107") for each channel
 - Adjustable crossover (HPF / LPF / BPF from 20 Hz to 20 kHz)
 - Selectable crossover slope (6 to 24 dB/oct)
 - 3 filter characteristics (Butterworth/Bessel/Linkwitz-Riley)
 - Selectable phase shift for each channel (0° or 180°)
 - Memory for 6 user presets (selectable via remote control, PC or app*)
 - Wired multifunction remote control GZDSP REM 4-8XII-S (available separately)
 - Wireless music streaming via GZDSP BTS 4-8XII (available separately)



*(requires optional GZDSP BTS 4-8XII)

Accessories



GZDSP REM 4-8XII-S
 Optional wired remote control



GZCS MINI FIVE-DSP CONNECT
 ISO-harness for plug 'n' play installation
 Compatible with GZHA MINI FIVE-DSP



GZDSP BTS 4-8XII
 USB interface for wireless music streaming & app control
 Compatible with GZDSP 4-8X / GZDSP 4-8XII / GZHA MINI FIVE-DSP
 Control app available for iOS and Android

- Features:
- USB Stick (BT class II)
 - BT V4.2 standard
 - Transmission frequency 2.4GHz
 - Max. range 10 m

General information

The advantage of the DSP technology is available as a stand-alone processor unit ready to be added to every sound system.

Features:

- 8-channel digital signal processor
- 4-channel high-level input
- 4-channel RCA input
- Realtime setup of all functions (via PC or app*)
- 2x 28-bit Analog Devices signal processor
- Simple handling, one-page graphical user interface (Windows® compatible)
- Parametric 10-band equalizer for each channel
- Time delay correction
- Variable crossover
- Phase correction
- Auto-on function available for high-level input

*(requires optional GZDSP BTS 4-8XII)

Model specifications

GZDSP 4-8XII

High-quality 4 to 8 channel DSP
4x RCA input / 4x high-level input



GZDSP REM 4-8XII-S
Optional wired remote control



GZDSP BTS 4-8XII
USB interface for wireless music streaming & app control

Model specifications

GZDSP 6-10SQ
 High-quality 6 to 10 channel DSP
 6x RCA input / 6x high-level input



General information

Adding a signal processor into the signal path should have no further impact to the signal than the adjustments that you apply. The GZDSP 6-10SQ keeps the noise level extremely low and the signal clean due to an optimized circuit layout and differential signal guidance. Only the best parts are used in the signal chain that provides a variety of filter, phase and EQ settings for an outstanding sound experience.

- Features:
- High Performance Analog Devices SigmaDSP Audio Processor (ADAU1452)
 - Premium DAC with differential signal routing (Asahi Kasei AK 445x)
 - High-quality OP-amps with lowest noise and distortion behavior (OPA1678)
 - Low noise differential signal path
 - 6-channel line input (RCA)
 - 6-channel high-level input (with auto-on function and dummy load)
 - Coaxial and optical S/PDIF input
 - 10-channel line output (RCA)
 - Realtime setup of all functions (via PC or app)
 - Simple handling one-page graphical user interface (Windows® compatible)
 - Input equalizer (7 bands per source)
 - Input channel time alignment
 - Output equalizer (10 x 31 bands)
 - Time alignment (0-20 ms / 0-692 cm / 0-272") for each channel
 - Adjustable crossover (HPF / LPF / BPF from 20 Hz to 20 kHz)
 - Selectable crossover slope (6 to 48 dB/oct)
 - 3 filter characteristics (Butterworth / Bessel / Linkwitz-Riley)
 - Selectable phase shift for each channel (0° or 180°)
 - Memory for 10 user presets (selectable via remote control, PC or app)
 - Group selectable EQ settings
 - Optional wired remote control GZREM 6-10 available separately
 - BT 5.0 for wireless music streaming and DSP settings

Dimensions (w x l x h): 132 x 143 (171) x 40 mm / 5.20" x 5.63 (6.73)" x 1.57"



GZDSP REM 6-10SQ
 Optional wired remote control



CAR SPECIFIC SERIES

Suitable Upgrade for the OEM Sound System

Most OEM audio systems lack good performance and hence, cannot satisfy the expectations of sophisticated customers. Especially the basic equipment leaves a lot of space for improvements of dynamics and sound quality. Installing car specific aftermarket loudspeakers and matching amplifiers by GROUND ZERO is a simple way to upgrade the audio system.

The CAR SPECIFIC SERIES solutions consist of various components designed for upgrading the OEM audio systems of modern cars at affordable effort and costs.

Model specifications

GZCS A-4.80
 Micro sized 4-channel amplifier
 4x 60/80 W RMS @ 4 / 2 Ω
 2x 160 W RMS bridged @ 4 Ω

General information

The micro-sized model will fit wherever space is limited.
 An ISO plug'n'play harness and car specific wires are available separately.

Dimensions only 82 x 40 x 151/171 mm /
 3.23 x 1.57 x 5.94 / 6.73"



Available separately:
 GZCS ISO-CONNECT
 GZCS 4.0BMW-CONNECT
 GZCS MB-CONNECT

CAR SPECIFIC Mono amplifier

Model specifications

GZCS A-1.650D
 High-quality mono class D amplifier
 1x 250/450/650 W RMS @ 4 / 2 / 1 Ω

General information

This space-saving and high-efficient mono amplifier delivers the required power for a demanding subwoofer in any system setup. Furthermore, it matches the GZDSP units perfectly.

Features:

- Class D mono amplifier
- High-level input with auto-on function
- 2-channel RCA input
- Low pass filter
- Subsonic filter
- Adjustable Bass Boost
- Remote control connector



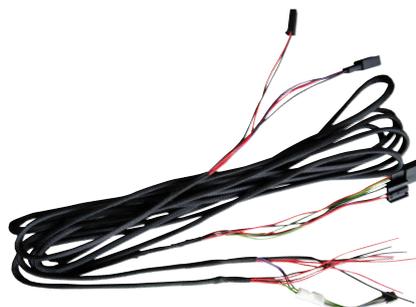
GZTA Bassremote available separately



Accessories



GZCS ISO-CONNECT
 ISO-harness for plug 'n' play installation
 Compatible to GZCS A-4.80



GZCS 4.0BMW-CONNECT
 Used for simple and quick installation of
 GZCS A-4.80 as well as GZCS DSPA-4.60ISO
 in compatible BMW vehicles.



GZCS MB-CONNECT
 Used for simple and quick installation of
 GZCS A-4.80 as well as GZCS DSPA-4.60ISO
 in compatible MB vehicles.

MERCEDES-BENZ



CAR SPECIFIC Loudspeakers

In order to upgrade the basic version of the factory-installed Mercedes-Benz audio system, specially tailored loudspeakers are available for the original slots.

Features for 2-way component loudspeaker system:

- MB-specific system to various MB vehicles
- 100 mm / 4" midwoofer with high-tech cone
- GZ-designed aluminum cast basket (only for model GZCS 100.2MB)
- High-efficient neodymium motor
- 25 mm / 1" silk dome tweeter
- 12 dB/oct crossover with car-specific connector
- Freq. response 70 Hz – 24 kHz



GZCS 100.2MB
MB-specific 2-way component loudspeaker system
70 W RMS / 110 W max
Suitable for front and rear doors



GZCS 100.2MB-206C
MB-specific 2-way component loudspeaker system
60 W RMS / 100 W max
Suitable for front and rear doors



GZCS F-4.0X
Car specific 2-way coaxial speaker
60 W RMS / 100 W max
Freq. response 70 Hz – 22 kHz
Suitable for front and rear doors
GZ-designed aluminum cast basket
Including mounting adapter



GZCS 100MB-S
MB-specific wide-band surround speakers
40 W RMS / 60 W max
Freq. response 150 Hz – 14 kHz
1 pair



GZCS 100MB-C
MB-specific wide-band center speaker
40 W RMS / 60 W max
Freq. response 150 Hz – 14 kHz
Double voice coil / 2x 4 Ω
1 piece



GZCS MB-CONNECT
Plug'n'Play harness for simple installation
For GZCS A-4.80 and GZCS DSPA-4.60ISO

CAR SPECIFIC Subwoofer

General information

Additionally, the OEM woofer can be replaced by a powerful model. Due to the specific design, there are no changes to the original wiring needed. Check the compatibility chart on the GROUND ZERO web page for the appropriate product for your car model.

- Car specific subwoofer
- 110 W RMS / 220 W max
- Freq. response 30 – 1500 Hz
- 200 mm / 8" coated glass-fiber cone
- Neodymium motor
- Solid aluminum cast protection grill

Model specifications

GZCS W-200MB.RH-R:
Driver side / right hand drive cars

GZCS W-200MB.RH-L:
Passenger side / right hand drive cars

GZCS W-200MB.LH-R:
Passenger side / left hand drive cars

GZCS W-200MB.LH-L:
Driver side / left hand drive cars





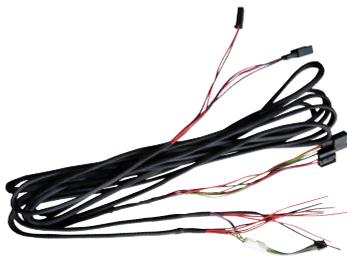
CAR SPECIFIC Loudspeakers

GZCS 100.2BMW
 BMW-specific 2-way component
 loudspeaker system
 70 W RMS / 110 W max
 Including mounting adapters



In order to upgrade the basic version of the factory-installed BMW audio system, specially tailored loudspeakers are available for the original slots.

- GZCS 100.2BMW**
- BMW-specific 2-way component loudspeaker system
 - 100 mm / 4" midwoofer with high-tech cone
 - GZ-design aluminum cast basket
 - High-efficient neodymium motor
 - 25 mm / 1" silk dome tweeter
 - 12 dB/oct crossover with car-specific connector
 - Freq. response 70 Hz – 24 kHz
 - Compatible with many BMW vehicles* (from 2003)
 - Including mounting adapters



GZCS 4.0BMW-CONNECT
 Plug'n'Play harness for simple installation
 For GZCS A-4.80 and GZCS DSPA-4.60ISO



GZCS BMW-CENTER
 BMW-specific 2-way coaxial center speaker
 60 W RMS / 100 W max
 Freq. response 70 Hz – 22 kHz
 1 Piece



GZCS F-4.0X
 Car specific 2-way coaxial loudspeaker
 60 W RMS / 100 W max
 Freq. response 70 Hz – 22 kHz
 Including mounting adapters

*Check the latest compatibility chart at the Ground Zero web page

CAR SPECIFIC Subwoofer - BMW

Model specifications

GZCS 200BMW-SW
 Car specific under-seat subwoofer
 100 W RMS / 160 W max / 2 Ω
 Efficiency 86 dB (SPL)

GZCS 200BMW-SW4
 Car specific under-seat subwoofer
 Improved Qts for best performance
 100 W RMS / 160 W max / 4 Ω
 Efficiency 89.1 dB (SPL)



General information

Additionally to the component speaker system, GROUND ZERO offers matching subwoofers for BMW/MINI in both, 2- & 4-ohms version.

- Features:**
- Car specific under-seat subwoofer (1 pair)
 - 200 mm / 8" diameter
 - Neodymium motor (2 Ω version)
 - Double neodymium motor (4 Ω version)
 - 50 mm / 2" copper voice coil
 - Freq. response 35 - 250 Hz

CAR SPECIFIC Loudspeakers - Volkswagen T5/T6

General information

Made for OEM loudspeaker plug & play replacement upgrading the sound quality of Volkswagen T5 and T6 vehicles with very little installation workload.

Model specifications

GZCS 200.2VW-T5/T6
Car specific 2-way component system for VW T5 and VW T6
80 W RMS / 140 W max / 4 Ω
Efficiency 89 dB (SPL)



CAR SPECIFIC Components - Volkswagen

Since car manufacturers used to mix OEM speakers for their line-up, many various combinations of tweeters and midwoofers are required to cover a wide range of mounting positions. For this reason, GROUND ZERO offers some separately available components which can be used in any combination for custom setups.



GZCS T-25S
Universal 25 mm / 1"
silk dome tweeter
50 W RMS / 80 W max
Freq. response 4 – 20 kHz



GZCS T-25VW
Car specific 25 mm / 1"
silk dome tweeter
50 W RMS / 80 W max
Freq. response 4 – 20 kHz
Incl. VW specific connectors



GZCS K-165VW
Car specific 165 mm / 6.5"
midwoofer
70 W RMS / 100 W max
Freq. response 50 Hz – 5 kHz
Incl. VW specific connectors and mounting adapter



GZCS K-200
Car specific 200 mm / 8"
midwoofer
80 W RMS / 110 W max.
Freq. response 40 Hz – 4.5 kHz
Incl. VW specific connectors

CAR SPECIFIC Speakers

General information

GROUND ZERO offers some car specific coaxial speaker systems matching the OEM installation positions of a variety of vehicles.

Features:

- Car-specific coaxial loudspeakers
- Coated paper cone
- Resonance-free steel basket
- Rubber surround
- Mylar tweeter with 6 dB/oct high pass filter
- Wide range frequency response

Model specifications

GZCS 46CX
2-way coaxial loudspeaker
70 W RMS / 110 W max
Flat gasket



GZCS 8.7CX
coaxial loudspeaker
50 W RMS / 90 W max
Suitable for various vehicles



GZCS 12CX
2-way coaxial loudspeaker
60 W RMS / 100 W max
Suitable for Mercedes-Benz W124



	Model specifications	General information
	<p>GZCS 10SUB-ACT Flat spare wheel active subwoofer Class D amplifier 300 W max High-Level input with auto-on</p> <p>GZCS 10SUB Flat spare wheel subwoofer Double voice coil 2x 2 Ω Power handling 300 W</p>	<p>GROUND ZERO offers a simple solution that significantly increases the low frequency response of a OEM speaker system. Using the spare wheel compartment, the trunk space remains untouched. This subwoofer solution is available as an active version with integrated amplifier or as a passive version.</p> <p>Common features:</p> <ul style="list-style-type: none"> ◦ Perfect solution for a flat spare wheel recess ◦ No cut-out in the original trunk floor panel required ◦ Efficient down-firing technology ◦ Solid sealed MDF enclosure with black carpet ◦ High-power 25 cm / 10" woofer <p>Features (ACT version):</p> <ul style="list-style-type: none"> ◦ Class D amplifier ◦ Adjustable bass boost ◦ Phase shift option (phase switch) ◦ Low pass filter (30 – 120 Hz) ◦ High-level input with auto-on function ◦ Remote control connector (GZTA Bassremote available separately)

CAR SPECIFIC Multiple-fit subwoofer

	Model specifications	General information
	<p>GZCS 20SUB-ACT Slim multi-fit subwoofer Class D amplifier 310 W max Advanced High-Level input</p> <p>GZCS 20SUB Slim multi-fit subwoofer / 1x 2 Ω Power handling 310 W max</p> <p>GZCS 25SUB-ACT Slim multi-fit subwoofer Class D amplifier 410 W max Advanced High-Level input</p> <p>GZCS 25SUB Slim multi-fit subwoofer / 1x 2 Ω Power handling 410 W max</p>	<p>Designed to fit effortlessly into every trunk GROUND ZERO offers small subwoofer solutions which takes up minimal space while delivering powerful, deep bass. The 8" and 10" enclosures are available as an active version with integrated amplifier or as a passive version.</p> 

CAR SPECIFIC Under-seat subwoofer

	Model specifications	General information
	<p>GZCS SW-800A (w/o picture) Flat active subwoofer 20 cm / 8" driver 120 W RMS / 180 W max Including wired remote control</p> <p>GZCS SW-1000A Flat active subwoofer 25 cm / 10" driver 150 W RMS / 210 W max Including wired remote control</p> <p>GZCS Y-BOX Remote extension box to control two under-seat subwoofers simultaneously (Available separately)</p>	<p>GROUND ZERO offers two active under-seat models at the CAR SPECIFIC series with each a solid GZ-design aluminum cast housing. These two come with a particularly flat enclosure enabling the installer to find a place even at the most limited space under the seat.</p> <p>Common features:</p> <ul style="list-style-type: none"> ◦ Under-seat active subwoofer ◦ Powerful amplifier ◦ High-level input with auto-on function ◦ Solid GZ-design aluminum cast housing ◦ Modest mounting height ◦ Bass boost control ◦ Adjustable low pass crossover ◦ Low current consumption ◦ Wired remote control included



Stop
Vibration



Higher Acoustic
Performances



Insulate
Heat

((NO VIBRATION - JUST SOUND))

Listening to favorite music is most enjoyable if there is no disturbing noise around. Unfortunately, in-car environments consist of a wide range of materials causing a lot of annoying noises. Especially large scaled body parts tend to vibrate and affect the audio reproduction of the car speakers in a negative way. GROUND ZERO damping materials offer high efficient noise proofing. They reduce vibration, increase bass response as well as dynamics and by that ensure precise audio reproduction. There are particular products for each neuralgic car part influencing the sound quality available.

DAMPING

Model specifications

GZDM DOORKIT PRO

Damping kit for 2 doors

Self-adhesive high-efficient damping material

Package content:

- 2 sheets GZDA 1200AL-GOLD
- Self-adhesive aluminum plate
- 8 sheets GZDM 3750AB-SILVER
- Polymer damping material based on butyl rubber with layer of aluminum
- 4 sheets GZDF 1500SA
- High-efficient sound absorbing polyurethane foam
- 2 sheets GZDF 400SI
- Waterproof high-density noise damping polyethylene foam

Size per sheet: 500 x 375 mm / 19.69" x 14.76"



GZDF 400SI

Self-adhesive noise damping and heat insulating material.

High-density, waterproof polyethylene foam reducing standing waves inside the door panel

- Operating temperature -30° to 90° C
- Total thickness 4.0 mm / 0.158"
- Dimensions (sheet) 500 x 375 mm / 19.69" x 14.76"
- Package content 20 sheets



GZDF 1500SA-PRO

High-efficient viscous-elastic sound absorbing formed foam with water-repelling surface.

Self-adhesive, heat insulating and vibration damping when compressed.

- Total thickness 15 mm / 0.59"
- Noise absorbing -85%
- Dimensions (sheet) 500 x 375 mm / 19.69" x 14.76"
- Package content 8 sheets



Model specifications



Polymer based on butyl rubber, supplemented with anti-corrosive additives to ensure that the treated surface does not rust. Flexible and waterproof material providing high-effective anti-vibration damping.

GZDM 3750AB-GOLD

- Total Thickness 2.3 mm / 0.091"
- Mass (kg/m²), at least 3.0 kg
- Dimensions (sheet) 750 x 500 mm / 29.53" x 19.69"
- Package content 10 sheets

GZDM 3750AB-SILVER

- Total Thickness 1.8 mm / 0.071"
- Mass (kg/m²), at least 2.4 kg
- Dimensions (sheet) 750 x 500 mm / 29.53" x 19.69"
- Package content 10 sheets



GZDM 1900ML-GOLD

Flexible multi-layer damping material with polymer based on butyl rubber in combination with bitumen mastic and aluminum foil outer surface.

- Total Thickness 4.2 mm / 0.165"
- Mass (kg/m²), at least 6.5 kg
- Dimensions (sheet) 500 x 375 mm / 19.69" x 14.76"
- Package content 10 sheets



GZDA 1200AL-GOLD

High-strength, self-adhesive aluminium plate to reduce the vibration of metal parts, e.g., door panels. Ultra-thin, temperature and water-resistant material with flame-proof properties.

- Total Thickness 300 µm / 0.012"
- Material thickness 200 µm / 0.008"
- Weight 0.65 kg/m² / 60 g/ft²
- Dimensions (plate) 500 x 375 mm / 19.69" x 14.76"
- Package content 6 sheets



GZDM 1900MC-GOLD

Bitumen saturated damping material based on viscous elastic polyurethane foam for soundproofing in combination with a layer of polymer-based butyl rubber and aluminum foil outer surface.

High-efficient soundproofing and anti-vibration damping.

- Total Thickness 7 mm / 0.28"
- Noise absorption -85%
- Water absorption <18%
- Dimensions (sheet) 500 x 375 mm / 19.69" x 14.76"
- Package content 10 sheets



GZDM 250AL-BassBoost

Self-adhesive multilayer, non-flammable damping material with a specifically molded aluminum surface reducing the reflection of sound waves and pressure when installed directly behind the speaker.

- Total thickness 15 mm +/- 4 mm
- Dimensions (sheet) 250 x 183 mm / 9.84" x 7.20"
- Package content 2 sheets (for 2 doors)



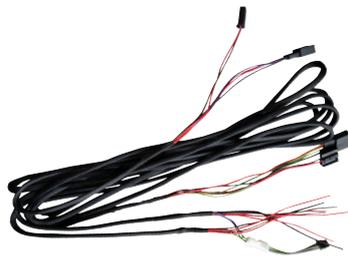
ACCESSORIES

This line includes optionally available products to be used at the installation or offer additional features.

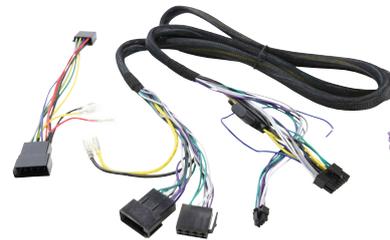
ACCESSORIES - Integration / Wiring



GZCS MB-CONNECT
Car specific wiring harness for Mercedes-Benz



GZCS 4.0BMW-CONNECT
Car specific wiring harness for BMW / MINI



GZCS ISO-CONNECT
ISO-harness for plug 'n' play installation
Compatible to GZCS A-4.80



GZCS MINI FIVE-DSP CONNECT
GZCS MINI FIVE-DSP CONNECT
ISO-harness for plug 'n' play install
Compatible with GZHA MINI FIVE-DSP



GZCS Y-BOX
Remote extension box to control two under-seat subwoofers simultaneously



GZDSP BTS 4-8XII
USB interface for wireless music streaming & app control



GZCV 2.0HL
Active 2-channel high to low level converter incl. 12 V remote out



GZTH 25-28B
Tweeter surface housing
black rubber touch finish
Suitable for
GZRT 25SQ / GZUT 28SQ

ACCESSORIES - Triple shielded RCA cables

General information

GZCC X-TP RCA cables ensure best analogue signal transmission by using selected materials and high-flexible OFC conductors, available in several, typically required lengths.

Features:

- Triple shielded, twisted RCA cable
- Gold plated brass RCA connectors
- Black & yellow coloured nylon braided hose for high mechanical protection
- Blister packaging

Model specifications

Available versions:

- GZCC 0.5X-TP: 0.5 m / 1.64 ft
- GZCC 1.0X-TP: 1.0 m / 3.28 ft
- GZCC 2.0X-TP: 2.0 m / 6.56 ft
- GZCC 3.0X-TP: 3.0 m / 9.84 ft
- GZCC 5.5X-TP: 5.5 m / 18.05 ft



Model specifications

General information



GZCC 1.3X
High-quality RCA cable
1 m / 3.28 ft triple shielded
Including remote wire

Universal shielded or twisted RCA signal cables, available in different sizes.



GZCC 5.3X
High quality RCA cable
5 m / 16.4 ft triple shielded
Including remote wire



GZCC 5.1XLC
High quality twisted RCA cable
5 m / 16.4 ft single shielded

GZCY 30X
High quality Y-adapter
1x female / 2x male

ACCESSORIES - Power kits

Model specifications

General information



GZPK 50X-II
50 mm² / 0 AWG power kit
Triple shielded RCA cable
ANL fuseholder incl. 200 A fuse

Only an adequately dimensioned and need-based power wiring ensures that the best performance and highest possible power will be delivered by the amplifier.
GROUND ZERO offers amplifier wiring kits with different diameters for each power demand including an RCA signal cable.

GZPK 35X-II
35 mm² / 2 AWG power kit
Triple shielded RCA cable
ANL fuseholder incl. 150 A fuse

GZPK 20X-II
20 mm² / 4 AWG power kit
Triple shielded RCA cable
Mini ANL fuseholder incl. 80 A fuse

- High quality amplifier wiring kits
- Flexible CCA wire with copper coating
- Yellow power wire (5.2 m / 17.06 ft)
- Black ground wire (0.8 m / 2.62 ft)
- 2-channel shielded RCA cable (5 m / 16.4 ft)
- Fuse holder incl. matching fuse
- Connectors and covers

GZPK 10X-II
10 mm² / 7 AWG power kit
Triple shielded RCA cable
Mini ANL fuseholder incl. 60 A fuse



GZPK 10XLC-II (w/o picture)
10 mm² / 7 AWG power kit
Twisted RCA cable
1.5 m / 4.92 ft speaker cable
Mini ANL fuseholder incl. 60 A fuse
Remote cable

GZPK 20XLC-II (w/o picture)
20 mm² / 4 AWG power kit
Twisted RCA cable
1.5 m / 4.92 ft speaker cable
Mini ANL fuseholder incl. 80 A fuse
Remote cable

ACCESSORIES - OFC speaker cables

General information

In order to transport the music signal as lossless as possible from the amplifier to the loud-speaker, a high-quality and sufficiently dimensioned cable is required.

Features:

- High quality OFC copper speaker cable
- Black and yellow color isolation
- Highly flexible
- Wooden spool

Model specifications



Available diameters:

- GZSC 1.5X2 OFC: 2x 1.50 mm² - 100 m / 328.08 ft spool
- GZSC 2.5X2 OFC: 2x 2.50 mm² - 100 m / 328.08 ft spool
- GZSC 4.0X2 OFC: 2x 4.00 mm² - 75 m / 246.06 ft spool
- GZSC 10.0X2 OFC: 2x 10.00 mm² - 50 m / 164.04 ft spool

ACCESSORIES - CCA speaker cables

General information

In order to transport the music signal as lossless as possible from the amplifier to the loud-speaker, a high-quality and sufficiently dimensioned cable is required.

Features:

- High quality CCA speaker cable
- Black and yellow color isolation
- Highly flexible
- Plastic spool

Model specifications



Available diameters:

- GZSC 2-0.75X: 2x 0.75 mm² - 200 m / 656.17 ft spool
- GZSC 2-1.50X: 2x 1.50 mm² - 200 m / 656.17 ft spool
- GZSC 2-2.50X: 2x 2.50 mm² - 200 m / 656.17 ft spool
- GZSC 2-4.00X: 2x 4.00 mm² - 100 m / 328.08 ft spool

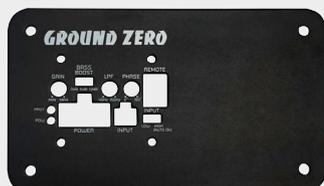
ACCESSORIES - Subwoofer amplifier module

General information

GROUND ZERO offers a compact, high-performance amplifier module designed to convert passive subwoofers into powerful active subwoofers. It perfectly fits into all GROUND ZERO subwoofer enclosures, replacing the passive speaker terminals.

Model specifications

- GZ SUB-AMP 300
- Mono amplifier module
- 1x 280 W RMS / 330 W max @ 2 Ω
- Including wiring kit & remote
- Including two adaptor front plates



(adaptor plate for replacing GZST 4S passive terminal)



Model specifications

Available diameters:
 GZPC 10B/Y: 10 mm² / 7 AWG - 50 m / 164.04 ft spool
 GZPC 20B/Y: 20 mm² / 4 AWG - 50 m / 164.04 ft spool
 GZPC 35B/Y: 35 mm² / 2 AWG - 30 m / 98.43 ft spool
 GZPC 50B/Y: 50 mm² / 0 AWG - 20 m / 65.62 ft spool



General information

Only an adequately dimensioned and needs-based power wiring ensures that the best performance and highest possible power will be delivered by the installed components. For this reason, GROUND ZERO offers highly flexible CCA power cables in all common diameters on roles.

- Features:
- High quality CCA power wire
 - Black/Yellow isolation
 - Highly flexible
 - Plastic spool

ACCESSORIES - Power cap

Model specifications

GZTC 1.0FX
 1.0 Farad Power Cap
 16 V / 20 V Surge
 Voltmeter with white illumination



General information

Powerful amplifiers require a stable battery voltage to deliver full performance. This power capacitor compensates the battery's voltage drops caused by high current flow.



Including mounting brackets

More ACCESSORIES



GZST 2S
 2-pin push terminal up to 6 mm² speaker cable



GZST 2B
 2-pin push terminal up to 10 mm² speaker cable



GZST 4S
 4-pin push terminal up to 6 mm² speaker cable including bridges for parallel wiring

General information

GROUND ZERO offers a wide range of distribution blocks and fuseholders needed for the installation of audio components in your vehicle. Besides that, further products complete the accessory line.



GZDB 3.50/4.20
Distribution block
3x 50 mm² / 0 AWG
4x 20 mm² / 4 AWG



GZDB 4.50/8.20MANL
Distribution block
4x 50 mm² / 0 AWG
8x 20 mm² / 4 AWG



GZWR 50-20
Wire reducer
For reducing 50 mm² / 0 AWG
into 20 mm² / 4 AWG



GZFH 1.20/1.20 MANL
Mini-ANL fuseholder
1x 20 mm² / 4 AWG



GZFH 1.50/1.50 ANL/MANL
ANL / Mini-ANL fuseholder
1x 50 mm² / 0 AWG



GZFH 1.50/2.20 ANL/MANL
ANL / Mini-ANL fuseholder
1x 50 mm² / 0 AWG
2x 20 mm² / 4 AWG



GZFH 1.20 IL-MANL
In-line Mini-ANL fuseholder
1x 20 mm² / 4 AWG



GZFH 3.50/4.20 ANL/MANL
ANL / Mini-ANL fuseholder
3x 50 mm² / 0 AWG
4x 20 mm² / 4 AWG



Blister packaging

FUSES

General information

High quality ANL and MANL fuses from 40 up to 400 Ampere, available in blister or in 10 piece bulk packaging.

Model specifications

GZFU ANL (1 piece / blister)
available 100 – 400 Ampere



GZFU MANL (2 pieces / blister)
available 40 – 200 Ampere



Model specifications

General information



GZ ULTRA 80-GRILL
Machined & polished aluminum mounting rim including GZ-design NRG hexagon style protection grill for all 80 mm / 3.15" speakers



GZ ULTRA 165-GRILL
Machined & polished aluminum mounting rim including GZ-design NRG hexagon style protection grill for all 165 mm / 6.5" speakers



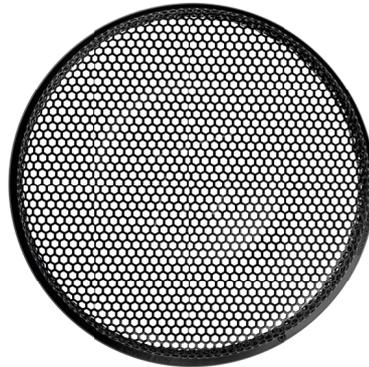
GZ GRILL 6.5
Universal NRG grill for 165 mm / 6.5" speakers



GZ GRILL 8.0
Universal NRG grill for 200 mm / 8.0" speakers

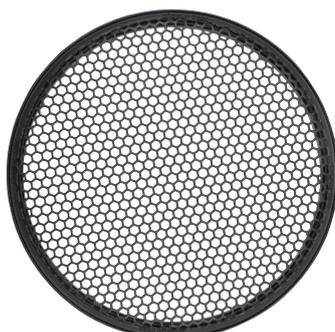


GZ GRILL 8U
Universal NRG protection grill for 200 mm / 8" subwoofers



GZ GRILL 12U
Universal NRG protection grill for 300 mm / 12" subwoofers

GZ GRILL 10U (w/o picture)
Universal NRG protection grill for 250 mm / 10" subwoofers



GZPG 250B
Aluminum cast rim with metal mesh grill For 250 mm / 10" subwoofers



GZMG 38/15
Chrome woofer/speaker protection for 380 mm / 15" speaker

For a save installation a speaker protection grill is mandatory. Therefore GROUND ZERO has enlargend its portfolio of subwoofer and speaker grills...

MERCHANDISE

#ShowYourGZ !

APPAREL

Available also in blue



GZ POLOSHIRT BLACK
High Quality poloshirt
with embroidered logo on the chest
Available in sizes S - XXL



GZ POLOSHIRT WHITE
High Quality poloshirt
with embroidered logo on the chest
Available in sizes S - XXL



GZ POLOSHIRT RED
High Quality poloshirt
with embroidered logo on the chest
Available in sizes S - XXL



GZ COMPETITION SHIRT
Black/Yellow Competition shirt
GZ Logo on chest and back,
dB Drag, EMMA, AMT, IASCA logo on sleeves
Available in sizes M - 2XL



GZ SHIRT GRAPHIC
Grey shirt with stickerbomb all-over print
and leather logo badge on the chest
Available in sizes S - 4XL



GZ HOODIE GRAPHIC
Grey hoodie with stickerbomb all-over print
and leather logo badge on the chest
Available in sizes S - 4XL



GZ HOODIE GREY
Grey zip-hoodie with „Respect the Music“ logo on the
chest, GZ logo on the back
Available in sizes XL / 2XL



GZ JACKET BLACK
High quality Engelbert Strauss Softshell
jacket with stitched GZ Logo on the chest
Available in sizes S - 2XL



GZ COMPETITION JACKET
Black/yellow jacket
Ground Zero logo on the chest and back, waterproof
and breathable
Available in sizes M - 2XL



GZ CAP BLACK
Black cap with embroidered GZ Logo on side and back

Unisize

GZ CAP YELLOW
Black/Yellow trucker cap with embroidered logo and logo badge

Unisize

GZ CAP GREY
Grey/Green cap with logo badge

Unisize

GZ BEANIE
Grey beanie with GZ logo on leatherbadge

Unisize



GZ SUNGLASSES WHITE/BLACK
with GZ logo, UV 400 protection

Available as white or black version



GZ BADGEHOLDER
with stitched Ground Zero logos

Available as green, yellow or red version



GZ BRACELET SET
Silicone bracelets with logo, set of 10 bracelets
Available as green/grey or yellow/black version



GZ PIN
Soft enamel pin with GZ logo circa 15 mm height

HEADPHONES



GZHP 10-IE
Powerful in-ear headphone with aluminum housing
Speaker: 10 mm
Sensitivity: 98±3 dB at 1 KHz
Microphone sensitivity: -42 ± 4 dB
Frequency Response: 20 Hz – 20 kHz
Impedance: 32 ± 15% Ω
Plug Type: 3.5 mm jack
Cable length: 120 cm / 47"
Weight: 15 g
In-line microphone
Headset function
Accessories included



GZHP 40-OE
High quality foldable on-ear headphone
Speaker: 40 mm
Sensitivity: 100±3 dB at 1 KHz
Microphone sensitivity: -43 ± 4 dB
Frequency Response: 20 Hz – 20KHz
Impedance: 32 ± 15% Ω
Max Power: 30 mW
Plug Type: 3.5 mm
Cable length: 120 cm / 47"
Cable: Dual side cable
Weight: 150 g
In-Line Mic compatible with Apple/Samsung/HTC and more



ACCESSORIES



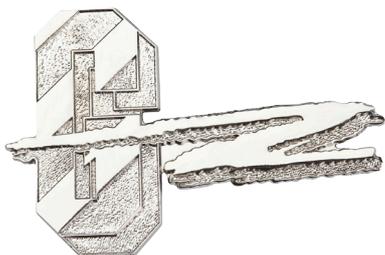
GZ EAR PROTECT - AL
SaveRave earprotection in yellow / black including band, in aluminum container with GZ logo



GZ PEN
Black-Yellow ballpoint pen with Ground Zero logo



GZ LIGHTER
Black GO lighter with yellow GZ logoprint



GZ LOGO
Metal emblem with GZ logo



GZ CAR FRESHENER
Car freshener in GZ design, 72,5 x 75,5 mm / 2.85" x 2.97"
Available as:
GZ Car freshener-NC („New Car“) or
GZ Car freshener-GT („Green Tea“)



GZ ENERGY SPL
Energydrink in 250 ml Ground Zero can



GZ STICKER GZ
Plott-sticker with silver GZ letters

Available as:
GZ Sticker Short GZ (325 x 45 mm / 12.80" x 1.77")
GZ Sticker Silver GZ (800 x 100 mm / 31.5" x 3.94")



GZ STICKER SILVER
Plott-sticker with silver logo and GZ letters

Available as:
GZ Sticker Silver-S (150 x 67 mm / 5.91" x 2.64")
GZ Sticker Silver-L (470 x 187 mm / 18.5" x 7.36")



GZ STICKER GZ-GE
Plott-sticker with silver / red GZ letters
396 x 83 mm / 15.59" x 3.27"



GZ FLAG
120 x 300 cm / 47.24" x 118.11"
including PVC hooks and 25 mm hemstitch



GZ FLAG SQ
120 x 300 cm / 47.24" x 118.11"
including PVC hooks and 25 mm / 1" hemstitchw



GZ POSTERSET
Posterset including 3 „Desert Movie“ posters
80 x 60 cm / 31.5" x 23.62" each

Technical product information		
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Amplifiers & DSP Amplifiers

Series

Product	Output power @ 4/2/1 Ohm	Bridged max @ 4/2 Ohm (link mode)	LPF	HPF / *Subsonic	BP	Bass-boost	Phase-shift	Remote	Line Out	High-level & auto-on	Dimensions (mm/inch)
GZ ULTRA A-2	2x 200/330/450 W										250 x 80 x 502 mm 9.84 x 3.15 x 19.76"
GZ ULTRA A-4	4x 200/370/- W										250 x 80 x 502 mm 9.84 x 3.15 x 19.76"
GZPA Reference 4 Pure-SQ	4x 150/270/425 W	2x 650/1000 W max									236 x 67,5 x 590 mm 9.29 x 2.66 x 23.23"
GZPA 2SQ	2x 175/315/500 W	1x 630/1000 W	✓	✓	✓	✓	✓				222 x 61 x 420 mm 8.74 x 2.40 x 16.54"
GZPA 4SQ	4x 125/225/350 W	2x 450/700 W	✓	✓	✓	✓					222 x 60,5 x 420 mm 8.74 x 2.38 x 16.54"
GZUA 2SQ	2x 170/300/450 W	1x -/1080 W max	✓	✓	✓	✓	✓	✓	✓		209 x 47 x 360 mm 8.23 x 1.81 x 14.17"
GZUA 4SQ	4x 115/185/- W	2x 440/- W max	✓	✓	✓						209 x 47 x 360 mm 8,23 x 1.81 x 14.17"
GZUA 6SQ	4x 110/160/- & 2x 380 W + 650 W	2x 150/270/- W @ 4 ohms max	✓	✓	✓						209 x 47 x 550 mm 8.23 x 1.81 x 21.65"
GZHA MINI ONE	1x 220/390/630 W	1x 1500 W max @ 2 ohms (linkmode)	✓	Subsonic	✓	✓	✓	✓	✓	✓	135 x 52 x 210 mm 5.32 x 2.05 x 8.27"
GZHA MINI ONE-K	1x 340/600/1000 W	1x 2300 W max @ 2 ohms (linkmode)	✓	Subsonic	✓	✓	✓	✓	✓	✓	135 x 52 x 322 mm 5.32 x 2.05 x 12.68"
GZHA MINI ONE-K 24V	1x 340/600/1000 W	1x 2300 W max @ 2 ohms (linkmode)	✓	Subsonic	✓	✓	✓	✓	✓	✓	135 x 52 x 322 mm 5.32 x 2.05 x 12.68"
GZHA MINI TWO	2x 130/230/- W	1x 550 W max @ 4 ohms	✓	✓	✓		✓	✓	✓	✓	135 x 52 x 210 mm 5.32 x 2.05 x 8.27"
GZHA MINI FOUR	4x 80/130/- W	2x 320 W max @ 4 ohms	✓	✓	✓		✓			✓	135 x 52 x 210 mm 5.32 x 2.05 x 8.27"
GZHA MINI FOUR 24V	4x 80/130/- W	2x 320 W max @ 4 ohms	✓	✓	✓		✓			✓	135 x 52 x 210 mm 5.32 x 2.05 x 8.27"
GZHA MINI FIVE	4x 75/125/- W & 1x 190/320/500 W	2x 300 W + 600 W max @ 4 ohms	✓	✓	✓			✓		✓	135 x 52 x 322 mm 5.32 x 2.05 x 12.68"
GZHA MINI FIVE-DSP	4x 75/125/- W & 1x 190/320/500 W		DSP					optional		✓	135 x 52 x 322 mm 5.32 x 2.05 x 12.68"
GZRA 2HD	2x 285/450/- W	1x 1150 W max @ 4 ohms	✓	✓	✓	✓		optional		✓	186 x 52 x 229 mm 7.32 x 2.05 x 10.55"
GZRA 4HD	4x 175/275/- W	2x 700 W max @ 4 ohms	✓	✓	✓					✓	186 x 52 x 268 mm 7.32 x 2.05 x 10.55"
GZIA 500.1	1x 230/400/580 W		✓	✓	✓	✓		✓		✓	168 x 49 x 212 mm 6.61 x 1.93 x 8.35"
GZIA 1000.1	1x 320/670/1250 W		✓	✓	✓	✓		✓		✓	168 x 49 x 207 mm 6.61 x 1.93 x 8.15"
GZIA 1500.1	1x 430/850/1530 W		✓	✓	✓	✓		✓		✓	168 x 49 x 295 mm 6.61 x 1.93 x 11.61"
GZIA 100.2	2x 75/120/- W	1x 300 W max @ 4 ohms	✓	✓	✓	✓		✓		✓	168 x 49 x 175 mm 6.61 x 1.93 x 6.90"
GZIA 200.2	2x 135/230/- W	1x 550 W max @ 4 ohms	✓	✓	✓	✓		✓		✓	168 x 49 x 248 mm 6.61 x 1.93 x 9.76"
GZIA 135.4	4x 100/140/- W	2x 320 W max @ 4 ohms	✓	✓	✓	✓		✓		✓	168 x 49 x 278 mm 6.61 x 1.93 x 10.94"
GZCA 300.4-1Ohm	4x 105/195/345 W	2x 820 W max @ 2 ohms	✓	✓				✓			150 x 58 x 220 mm 5.91 x 2.28 x 8.66"
GZCA 300.Q1-24V	4x 105/195/345 W	2x 820 W max @ 2 ohms	✓	✓				✓			150 x 58 x 220 mm 5.91 x 2.28 x 8.66"
GZCA 500.Q1	4x 185/315/450 W	2x 1150 W max @ 2 ohms	✓	✓	✓	✓		✓			230 x 67 x 270 mm 9.06 x 2.64 x 10.63"
GZCA 3000X.M1	1x 1000/1825/3180 W		✓	✓	✓	✓		✓			150 x 58 x 255 mm 5.91 x 2.28 x 10.04"
GZCA 3000X.M2	TBA		✓	✓	✓	✓		✓			150 x 58 x 255 mm 5.91 x 2.28 x 10.04"
GZCA 3000.M1-24V	1x 1000/1825/3180 W		✓	✓	✓	✓		✓			150 x 58 x 255 mm 5.91 x 2.28 x 10.04"
GZCA 5000.M1	TBA		✓	✓	✓	✓		✓			TBA
GZCA 5000.M2	TBA		✓	✓	✓	✓		✓			TBA
GZCA 8000.M1	1x 2400/4500/8100 W		✓	✓	✓	✓		✓	✓		200 x 57 x 342 mm 7.87 x 2.24 x 13.46"
GZCA 13000.M1	1x 3200/6400/12560 W		✓	✓	✓	✓		✓	✓		200 x 57 x 455 mm 9.06 x 2.64 x 17.91"



Amplifiers & DSP Amplifiers

Series

Product	Output power @ 4/2/1 Ohm	Bridged max @ 4/2 Ohm (link mode)	LPF	HPF / *Subsonic	BP	Bass-boost	Phase-shift	Remote	Line Out	High-level & auto-on	Dimensions (mm/inch)
GZDSP 4-8XII			DSP					optional	8 Ch	✓	169 x 27 x 116 mm 6.65 x 1.06 x 4.57"
GZDSP 6-10SQ			DSP					optional	10 Ch	✓	132 x 40 x 171 mm 5.20 x 1.57 x 6.73"
GZCS A-4.80	4x 60/80/- W	2x 160 W RMS @ 4 ohms	✓	✓	✓					✓	82 x 40 x 171 mm 3.32 x 1.57 x 6.73"
GZCS A-1.650D	1x 250/450/650 W		✓	✓	✓	✓	✓	✓		✓	185 x 47 x 148 mm 7.28 x 1.85 x 5.83"
GZ SUB-AMP 300	1x 170/280/- W		✓	✓		✓	✓	✓		✓	85 x 85 x 126 mm 3.35 x 3.35 x 4.96"
GZBA 1.300X (included in GZ Bass Kit 12.300X-II)	1x 200 W RMS @ 4 ohms 1x 300 W max @ 4 ohms		✓	✓	✓	✓	✓	✓		✓	180 x 53 x 236 mm 7.09 x 2.09 x 9.29"

Active Subwoofers

Series

Product	Woofer	Type	Enclosure	Dimensions (mm/inch)	Lowpass	Bass remote	Output power
GZRB 20SPL-ACT	200 mm / 8"	Airflow-optimized vented	MDF 21 L / 0.74 ft ³	440 x 240 x 280 mm / 17.32 x 9.45 x 11.02"	40 - 200 Hz	✓	280 / 330 W
GZIB 20BR-ACT	200 mm / 8"	Front-Basstunnel vented	MDF 17 L / 0.6 ft ³	400 x 270 x 305 (245 mm) / 15.75 x 10.63 x 12.01 (9.65")	30 - 120 Hz	optional	120 / 220 W
GZIB 25BR-ACT	250 mm / 10"	Front-Basstunnel vented	MDF 33 L / 1.17 ft ³	440 x 360 x 320 (285 mm) / 17.32 x 14.17 x 12.60 (11.22")	30 - 120 Hz	optional	150 / 270 W
GZIB 30BR-ACT	300 mm / 12"	Front-Basstunnel vented	MDF 37 L / 1.31 ft ³	460 x 370 x 400 (310 mm) / 18.11 x 14.57 x 15.75 (12.20")	30 - 120 Hz	optional	180 / 300 W
GZIB 2.30BR-ACT	2 x 300 mm / 2x 12"	Front-Basstunnel vented	MDF 70 L / 2.47 ft ³	815 x 370 x 400 (310 mm) / 32.09 x 14.57 x 15.75 (12.20")	30 - 120 Hz	optional	250 / 400 W
GZCS SW-800A	200 mm / 8"	Under-seat subwoofer	Aluminum cast	300 (315) x 235 x 80 mm / 11.81 (12.40) x 9.25 x 3.15"	50 - 150 Hz	✓	120 / 180 W
GZCS SW-1000A	250 mm / 10"	Under-seat subwoofer	Aluminum cast	350 (365) x 270 x 80 mm / 13.78 (14.37) x 10.63 x 3.15"	50 - 150 Hz	✓	150 / 210 W
GZCS 10SUB-ACT	250 mm / 10"	Spare wheel recess	MDF 15 L / 0.53 ft ³	620 x 440 x 120 (153 mm incl. feet) / 24.4 x 17.32 x 4.72 (6.02" incl. feet)	30 - 120 Hz	optional	300 W max
GZCS 20SUB-ACT	200 mm / 8"	Sealed	MDF 5.5 L / 0.19 ft ³	385 x 270 x 160 mm / 15.16 x 10.63 x 6.30"	50 - 150 Hz	✓	250 / 310 W
GZCS 25SUB-ACT	250 mm / 10"	Sealed	MDF 9.5 L / 0.34 ft ³	450 x 330 x 160 mm / 17.72 x 13.00 x 6.30"	50 - 150 Hz	✓	320 / 410 W

Subwoofer Enclosures

Series

Product	Woofer	Type	Net. Volume	Dimensions (mm/inch)	Impedance	Power handling	Recommended amplifier power
GZRB 16SPL	165 mm / 6.5"	Basstunnel vented	8.5 L / 0.3 ft ³	410 x 280 x 130 mm / 16.14 x 11.02 x 5.12"	2 x 2 Ω	350 W RMS / 700 W SPL	250 - 700 W
GZRB 20SPL	200 mm / 8"	Airflow-optimized vented	21 L / 0.74 ft ³	440 x 240 x 280 mm / 17.32 x 9.45 x 11.02"	2 x 2 Ω	500 W RMS / 1000 W SPL	400 - 1000 W
GZRB 25SPL	250 mm / 10"	Airflow-optimized vented	28 L / 0.99 ft ³	480 x 305 x 280 mm / 18.9 x 12.0 x 11.02"	2 x 2 Ω	500 W RMS / 1000 W SPL	400 - 1000 W
GZRB 30SPL	300 mm / 12"	Front-Basstunnel vented	66.6 L / 2.35 ft ³	650 x 380 x 450 (330) mm / 25.59 x 14.96 x 17.72 (12.99")	2 x 2 Ω	700 W RMS / 1350 W SPL	500 - 1200 W
GZIB 20BR	200 mm / 8"	Front-Basstunnel vented	17 L / 0.6 ft ³	400 x 270 x 290 (230 mm) / 15.75 x 10.63 x 11.42 (9.06")	4 Ω	150 W RMS	100 - 200 W
GZIB 25BR	250 mm / 10"	Front-Basstunnel vented	33 L / 1.17 ft ³	440 x 320 x 360 (285 mm) / 17.32 x 12.30 x 14.17 (11.22")	4 Ω	250 W RMS	200 - 300 W
GZIB 30BR	300 mm / 12"	Front-Basstunnel vented	37 L / 1.31 ft ³	460 x 370 x 400 (310 mm) / 18.11 x 14.57 x 15.75 (12.20")	4 Ω	350 W RMS	200 - 400 W
GZIB 2.30BR	2x 300 mm / 2x 12"	Front-Basstunnel vented	70 L / 2.47 ft ³	815 x 370 x 400 (310 mm) / 32.09 x 14.57 x 15.75 (12.20")	2 x 2 Ω	700 W RMS	400 - 800 W
GZIB 12SPL	300 mm / 12"	Front-Basstunnel vented	45 L / 1.59 ft ³	560 x 380 x 360 (260) / 22.05 x 14.96 x 14.17 (10.24")	2 x 2 Ω	500 W RMS / 1000 W SPL	300 - 1000 W
GZIB 2.12SPL	2x 300 mm / 2x 12"	Front-Basstunnel vented	90 L / 3.54 ft ³	840 x 400 x 430 (310 mm) / 33.07 x 15.75 x 16.93 (12.2")	4 x 2 Ω	1000 W RMS / 2000 W SPL	600 - 1400 W
GZ BASS KIT 12.300X-II	300 mm / 12"	Airflow-optimized vented	40 L / 1.41 ft ³	520 x 360 x 350 (250) mm / 20.47 x 14.17 x 13.78 (9.84")	4 Ω	300 W RMS	200 - 500 W
GZCS 10SUB	250 mm / 10"	Sealed	15 L / 0.53 ft ³	620 x 440 x 120 (153 mm incl. feet) / 24.4 x 17.32 x 4.72 (6.02" incl. feet)	2 x 2 Ω	160 W RMS / 300 W max	150 - 300 W
GZCS 20SUB	200 mm / 8"	Sealed	5.5 L / 0.19 ft ³	385 x 270 x 160 mm / 15.16 x 10.63 x 6.30"	2 Ω	310 WRMS	200 - 500 W
GZCS 25SUB	250 mm / 10"	Sealed	9.5 L / 0.34 ft ³	450 x 330 x 160 mm / 17.72 x 13.00 x 6.30"	2 Ω	410 WRMS	300 - 600 W

 Speaker Systems

Series

Product	Nominal Ø	Mounting Ø	Depth	Tweeter	Midwoofer	Frequency range	Impedance	Power handling RMS/MAX
GZUC 165.2SQ	165 mm / 6.5"	144 mm / 5.67"	63 mm / 2.48"	GZUT 28SQ(X)	GZUK 165SQ	40 Hz - 25 kHz	4 Ω	140 / 230 W
GZUC 165.2SQ-ACT	165 mm / 6.5"	144 mm / 5.67"	63 mm / 2.48"	GZUT 28SQ(X)	GZUK 165SQ	40 Hz - 25 kHz	4 / 4 Ω	120 / 200 W + 80 / 120 W (Tw)
GZUC 165.3SQ	165 mm / 6.5" 55 mm / 2.17"	144 mm / 5.67" 64.5 mm / 2.54"	63 mm / 2.48" 33 mm / 1.30"	GZUT 28SQ(X)	GZUK 165SQ & GZUM 55SQ	40 Hz - 25 kHz	4 Ω	160 / 250 W
GZUC 165.3SQ-ACT	165 mm / 6.5" 55 mm / 2.17"	144 mm / 5.67" 64.5 mm / 2.54"	63 mm / 2.48" 33 mm / 1.30"	GZUT 28SQ(X)	GZUK 165SQ & GZUM 55SQ	40 Hz - 25 kHz	4 / 4 / 4 Ω	120 / 200 W + 90 / 150 W + 80 / 120 W (Tw)
GZHC 165.2	165 mm / 6.5" 55 mm / 2.17"	144 mm / 5.67" 64.5 mm / 2.5"	69 mm / 2.72" 33 mm / 1.30"	GZHT 25S	GZHK 165	40 Hz - 24 kHz	4 / 4 Ω	130 / 220 W
GZRC 165.2SQX	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	GZRT 25SQ	GZRK 165SQX	45 Hz - 25 kHz	3 Ω	120 / 190 W
GZRC 165.2SQX-IV	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	GZRT 25SQ	GZRK 165SQX	45 Hz - 25 kHz	3 Ω	120 / 190 W
GZRC 165.3SQX-ACT	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	GZRT 25SQ	GZRK 165SQX & GZRM 80SQX	45 Hz - 25 kHz	3 / 4 / 4 Ω	120 / 160 W + 50 / 80 W + 70 / 110 W (Tw)
GZTC 130.2X	130 mm / 5.12"	117.5 mm / 4.61"	61 mm / 2.40"	GZTT 20S	HQPP cone with 3D-structure	60 Hz - 22 kHz	3 Ω	80 / 130 W
GZTC 165.2X	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	GZTT 20S	GZTK 165	50 Hz - 22 kHz	3 Ω	100 / 150 W
GZTC 165.3X-ACT	165 mm / 6.5" 100 mm / 4"	142.5 mm / 5.61" 94 mm / 3.70"	68 mm / 2.68" 32 mm / 1.26"	19 mm / 0.75 soft dome	GZTK 165 & GZTM 100	50 Hz - 22 kHz	3 / 3 / 4 Ω	80 / 110 W + 40 / 50 W + 30 / 40 W (Tw)
GZIC 130.2	130 mm / 5.25"	117.5 mm / 4.61"	58 mm / 2.28"	19 mm / 0.75 soft dome	HQPP cone with 3D-structure	60 Hz - 20 kHz	4 Ω	90 / 140 W
GZIC 165.2	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	19 mm / 0.75 soft dome	HQPP cone with 3D-structure	50 Hz - 20 kHz	4 Ω	100 / 150 W
GZIC 165.2HE	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	19 mm / 0.75 soft dome	HQPP cone with 3D-structure	75 Hz - 20 kHz	3 Ω	100 / 150 W
GZIC 400FX	100 mm / 4"	93 mm / 3.66"	30 mm / 1.18"	19 mm / 0.75 soft dome	Coated paper cone	70 Hz - 20 kHz	4 Ω	60 / 100 W
GZIC 650FX	165 mm / 6.5"	142.5 mm / 5.61"	44 mm / 1.73"	19 mm / 0.75 soft dome	Coated paper cone	50 Hz - 20 kHz	4 Ω	100 / 140 W
GZIC 165.2SPL	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	25 mm / 1.0" Mylar dome	GZIK 165SPL	45 Hz - 20 kHz	3 Ω	120 / 200 W
GZCS 100.2MB	100 mm / 4"	Car Specific	Car Specific	25 mm / 1.0" coated silk dome	Kevlar cone	70 Hz - 25 kHz	4 Ω	70 / 100 W
GZCS 100.2MB-206C	100 mm / 4"	Car Specific	Car Specific	25 mm / 1.0" coated silk dome	Kevlar cone	70 Hz - 25 kHz	4 Ω	60 / 100W
GZCS 100.2BMW	100 mm / 4"	Car Specific	Car Specific	25 mm / 1.0" coated silk dome	Kevlar cone	70 Hz - 25 kHz	4 Ω	70 / 100 W
GZCS 200.2VW-T5/T6	200 mm / 8"	Car Specific	Car Specific	28 mm / 1.1" silk dome	Carbon cone	40 Hz - 20 kHz	4 Ω	80 / 140 W

 Coaxial Speakers

Series

Product	Nominal Ø	Mounting Ø	Depth	Tweeter	Midwoofer	Frequency range	Impedance	Power handling RMS/MAX
GZRF 4.0SQX	100 mm / 4"	93 mm / 3.66"	47 mm / 1.85"	20 mm / 0.79" silk dome	Black aluminum cone	70 Hz - 24 kHz	3 Ω	70 / 110 W
GZRF 5.2SQX	130 mm / 5.25"	117.5 mm / 4.63"	59 mm / 2.32"	20 mm / 0.79" silk dome	Black aluminum cone	60 Hz - 24 kHz	3 Ω	80 / 120 W
GZRF 6.5SQX	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	20 mm / 0.79" silk dome	Black aluminum cone	50 Hz - 24 kHz	3 Ω	100 / 140 W
GZRF 69SQX	150 x 230 mm / 6 x 9"	152 x 214 mm / 5.98 x 8.4"	82 mm / 3.23"	13 mm / 0.51" PEI & 50 mm / 1.97" PEI midrange	Black aluminum cone	40 Hz - 24 kHz	3 Ω	130 / 200 W
GZTF 4.0X	100 mm / 4"	93 mm / 3.66"	51 mm / 2.01"	13 mm / 0.51" Mylar	HQPP cone with 3D structure	70 Hz - 22 kHz	3 Ω	70 / 100 W
GZTF 5.2X	130 mm / 5.25"	117.5 mm / 4.63"	62 mm / 2.44"	13 mm / 0.51" Mylar	HQPP cone with 3D structure	60 Hz - 22 kHz	3 Ω	80 / 110 W
GZTF 6.5X	165 mm / 6.5"	143.5 mm / 5.65"	67 mm / 2.64"	13 mm / 0.51" Mylar	HQPP cone with 3D structure	50 Hz - 22 kHz	3 Ω	90 / 130 W
GZTF 69X	150 x 230 mm / 6 x 9"	152 x 214 mm / 5.98 x 8.4"	85 mm / 3.35"	13 mm / 0.51" Mylar & 55 mm / 2.2" midrange	HQPP cone with 3D structure	40 Hz - 22 kHz	3 Ω	130 / 190 W
GZIF 4.0	100 mm / 4"	93 mm / 3.66"	48 mm / 1.89"	13 mm / 0.51" Mylar	HQPP cone with 3D structure	70 Hz - 20 kHz	4 Ω	60 / 100 W
GZIF 5.2	130 mm / 5.25"	117,5 mm / 4.63"	56 mm / 2.20"	13 mm / 0.51" Mylar	HQPP cone with 3D structure	60 Hz - 20 kHz	4 Ω	70 / 110 W
GZIF 6.5	165 mm / 6.5"	142,5 mm / 5.61"	63 mm / 2.48"	13 mm / 0.51" Mylar	HQPP cone with 3D structure	50 Hz - 20 kHz	4 Ω	80 / 120 W
GZIF 69	150 x 230 mm / 6 x 9"	152 x 214 mm / 5.98 x 8.40"	83 mm / 3.27"	13 mm / 0.51" Mylar & 50 mm / 2" midrange	HQPP cone with 3D structure	40 Hz - 20 kHz	4 Ω	120 / 180 W
GZIF 4001FX	100 mm / 4"	93 mm / 3.66"	30 mm / 1.18"	13 mm / 0.51" Mylar	Coated paper cone	80 Hz - 20 kHz	4 Ω	50 / 90 W
GZIF 5201FX	130 mm / 5.25"	117.5 mm / 4.63"	37 mm / 1.46"	13 mm / 0.51" Mylar	Coated paper cone	70 Hz - 20 kHz	4 Ω	60 / 100 W
GZIF 6501FX	165 mm / 6.5"	142.5 mm / 5.61"	44 mm / 1.73"	13 mm / 0.51" Mylar	Coated paper cone	60 Hz - 20 kHz	4 Ω	70 / 110 W
GZCF 165NEO-PROC	165 mm / 6.5"	145 mm / 5.71"	86 mm / 3.39"	25 mm / 1" PEI compression tweeter	Carbon fiber	150 Hz - 20 kHz	4 Ω + 4 Ω	150 + 50 / 300 + 100 W
GZCF 200NEO-PROC	200 mm / 8"	181 mm / 7.13"	104 mm / 4.09"	25 mm / 1" PEI compression tweeter	Carbon fiber	100 Hz - 20 Hz	4 Ω + 4 Ω	250 + 50 / 400 + 100 W
GZCF 6.5XSPL-NEO	165 mm / 6.5"	145 mm / 5.71"	65 mm / 2.56"	28 mm / 1.1" PEI	Fiber reinforced paper cone	90 Hz - 20 kHz	4 Ω	100 / 250 W
GZCF 8.0XSPL-NEO	200 mm / 8"	183 mm / 7.2"	82 mm / 3.23"	28 mm / 1.1" PEI	Fiber reinforced paper cone	70 Hz - 20 kHz	4 Ω	150 / 300 W
GZCF 69XSPL-NEO	150 x 230 mm / 6 x 9"	152 x 214 mm / 5.98 x 8.43"	79 mm / 3.11"	28 mm / 1.1" PEI	Fiber reinforced paper cone	75 Hz - 20 kHz	4 Ω	150 / 300 W
GZCF 6.5XSPL	165 mm / 6.5"	145 mm / 5.7"	70 mm / 2.76"	28 mm / 1.1" PEI	Fiber reinforced paper cone	50 Hz - 20 kHz	4 Ω	100 / 250 W
GZCF 8.0SPL	200 mm / 8"	183 mm / 7.2"	87 mm / 3.43"	25 mm / 1" Mylar tweeter	Fiber reinforced paper cone	40 Hz - 20 kHz	4 Ω	150 / 300 W
GZCF 69SPL	150 x 230 mm / 6 x 9"	152 x 214 mm / 5.98 x 8.40"	84 mm / 3.31"	25 mm / 1" Mylar tweeter	Fiber reinforced paper cone	50 Hz - 20 kHz	4 Ω	150 / 300 W
GZCF 7104XSPL	180 x 250 mm / 7 x 10"	152 x 214 mm / 5.98 x 8.4"	86 mm / 3.39"	13 mm / 0.51" PEI & 13mm / 0.51" piezoelectric 50 mm / 2" papercone midrange	Fiber reinforced paper cone	35 Hz - 25 kHz	4 Ω	200 / 300 W
GZRM 165X	165 mm / 6.5"	142.5 mm / 5.61"	62 mm / 2.44"	13 mm / 0.51" Mylar	IMPP cone	60 Hz - 25 kHz	4 Ω	70 / 120 W
GZCS 100MB-C	100 mm / 4"	91 mm / 3.58"	37 mm / 1.46"	n/a	Kevlar cone	100 Hz - 17 kHz	4 Ω + 4 Ω	50 / 90 W
GZCS 100MB-S							4 Ω	
GZCS F4.0X	100 mm / 4"	94 mm / 3.70"	39 mm / 1.54"	20 mm / 0.79" silk dome	Kevlar cone	70 Hz - 22 kHz	4 Ω	60 / 100 W
GZCS BMW-CENTER	Car specific	94 mm / 3.70"	39 mm / 1.54"	20 mm / 0.79" silk dome	Kevlar cone	70 Hz - 22 kHz	4 Ω	60 / 100 W
GZCS 12CX	120 mm / 4.7"	109 mm / 4.29"	50 mm / 1.97"	13 mm / 0.51" Mylar	Coated paper cone	75 Hz - 20 kHz	4 Ω	60 / 100 W
GZCS 46CX	100 x 150 mm / 4 x 6"	Car specific	48 mm / 1.89"	13 mm / 0.51" Mylar	Coated paper cone	80 Hz - 20 kHz	4 Ω	70 / 110 W
GZCS 8.7CX	87 mm / 3.43"	Car specific	43 mm / 1.69"	13 mm / 0.51" Mylar	Coated paper cone	100 Hz - 20 kHz	4 Ω	50 / 90 W

Kickwoofer / Midwoofer / Midrange Speakers

Series

Product	Nominal Ø	Mounting Ø	Depth	Voice coil Ø	Cone	FS	QTS	VAS	Frequency range	Impedance	Power handling RMS/MAX
GZ ULTRA M-80	80 mm / 3.15"	76.5 mm / 3.01"	41 mm / 1.61"	20 mm / 0.79"	Kevlar	127	0.40	0.9	150 Hz - 15 kHz	4 Ω	70 / 110W
GZ ULTRA K-165	165 mm / 6.5"	147 mm / 5.79"	67 mm / 2.64"	34 mm / 1.34"	Carbon-fleece sandwich type	43 Hz	0.51	20.4 L / 0.72 ft³	45 Hz - 5 kHz	4 Ω	100 / 160 W
GZ Reference M-80	80 mm / 3.15"	77 mm / 3.03"	tba	25 mm / 0.98"	Paper / Aluminum hybrid	tba	tba	tba	tba	4 Ω	tba
GZ Reference K-165	165 mm / 6.5"	144 mm / 5.67"	tba	38 mm / 1.5"	Paper / Aluminum hybrid	tba	tba	tba	tba	4 Ω	tba
GZPF 40SQX	40 mm / 1.57"	48 mm / 1.89"	39 mm / 1.54"	16 mm / 0.63"	Anodized aluminum	440 Hz	n/a	n/a	600 Hz - 24 kHz	4 Ω	50 / 80 W
GZPM 80SQ-C	80 mm / 3.15"	77 mm / 3.03"	39 mm / 1.54"	20 mm / 0.79"	Ceramics-coated aluminum	100 Hz	0.29	1.5 L / 0.052 ft³	150 Hz - 4 kHz	4 Ω	70 / 110 W
GZPK 165SQ-C	165 mm / 6.5"	144 mm / 5.67"	70 mm / 2.76"	40 mm / 1.57"	Ceramics-coated aluminum	38 Hz	0.41	27.9 L / 0.98 ft³	40 Hz - 5 kHz	4 Ω	140 / 200 W
GZNM 80SQ-K	80 mm / 3.15"	77 mm / 3.03"	39 mm / 1.54"	20 mm / 0.79"	Kevlar	97 Hz	0.39	1.66 L / 0.06 ft³	150 Hz - 4 kHz	4 Ω	70 / 110 W
GZNK 165SQ-K	165 mm / 6.5"	144 mm / 5.67"	70 mm / 2.76"	40 mm / 1.57"	Kevlar	43 Hz	0.48	24.13 L / 0.85 ft³	40 Hz - 5 kHz	4 Ω	130 / 190 W
GZUM 55SQ	55 mm / 2.2"	64.5 mm / 2.54"	33 mm / 1.29"	55 mm / 2.17"	Precision-coated silk dome	353 Hz	n/a	n/a	500 Hz - 11 kHz	4 Ω	90 / 150 W
GZUF 60SQ-A	60 mm / 2.36"	61 mm / 2.4"	36 mm / 1.42"	25 mm / 1"	Anodized aluminum	150 Hz	0.64	0.5 L / 0.18 ft³	300 Hz - 20 kHz	4 Ω	50 / 80 W
GZUM 80SQ	80 mm / 3.15"	76.5 mm / 3.01"	35 mm / 1.38"	25 mm / 1"	Anodized aluminum	134 Hz	0.34	0.7 L / 0.024 ft³	200 Hz - 6 kHz	4 Ω	50 / 80 W
GZUK 165SQ	165 mm / 6.5"	144 mm / 5.67"	63 mm / 2.48"	50 mm / 2"	Anodized aluminum	54.6 Hz	0.64	12.6 L / 0.44 ft³	40 Hz - 3.5 kHz	4 Ω	120 / 180 W
GZHM 80	80 mm / 3.15"	77 mm / 3.03"	41 mm / 1.61"	20 mm / 0.79"	Non-pressed paper	106 Hz	0.30	1.5 L / 0.052 ft³	170 Hz - 5 kHz	4 Ω	50 / 80 W
GZHK 165	165 mm / 6.5"	144 mm / 5.67"	69 mm / 2.72"	38 mm / 1.5"	Non-pressed paper	49.4 Hz	0.49	15.9 L / 0.56 ft³	40 Hz - 5 kHz	4 Ω	120 / 180 W
GZRM 80SQX	80 mm / 3.15"	76.5 mm / 3.01"	34 mm / 1.34"	25 mm / 1"	Anodized aluminum	114 Hz	0.38	1.5 L / 0.052 ft³	140 Hz - 4 kHz	4 Ω	50 / 80 W
GZRK 165SQX	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	25 mm / 1"	Anodized aluminum	58 Hz	0.59	13.1 L / 0.46 ft³	45 Hz - 15 kHz	3 Ω	120 / 160 W
GZTM 100NEO	100 mm / 4"	94 mm / 3.7"	32 mm / 1.26"	25 mm / 1"	HQPP	127.8 Hz	1.77	1.8 l / 0.06 ft³	250 Hz - 7 kHz	3 Ω	40 / 60 W
GZTK 165	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	25 mm / 1"	HQPP with 3D structure	81.6 Hz	0.94	7.27 L / 0.26 ft³	50 Hz - 4 kHz	3 Ω	80 / 100 W
GZIK 165SPL	165 mm / 6.5"	142.5 mm / 5.61"	68 mm / 2.68"	25 mm / 1"	HQPP with 3D structure	61.5 Hz	0.84	11.12 L / 0.39 ft³	45 Hz - 4 kHz	3 Ω	80 / 120 W
GZCM 6.5N-PROC	165 mm / 6.5"	145 mm / 5.71"	tba	38 mm / 1.5"	Carbon	tba	tba	tba	tba	4 Ω	tba
GZCM 8.0N-PROC	165 mm / 6.5"	181 mm / 7.12"	tba	63 mm / 2.5"	Carbon	tba	tba	tba	tba	4 Ω	tba
GZCK 165XSPL	165 mm / 6.5"	145 mm / 5.7"	72 mm / 2.83"	38 mm / 1.5"	Reinforced paper	56.8 Hz	0.31	16.2 L / 0.57 ft³	50 Hz - 10 kHz	4 Ω	100 / 250 W
GZCK 200XSPL	200 mm / 8"	183 mm / 7.2"	86 mm / 3.39"	38 mm / 1.5"	Reinforced paper	54.3 Hz	0.38	31.2 L / 1.10 ft³	50 Hz - 6 kHz	4 Ω	150 / 300 W
GZCK 250XSPL	250 mm / 10"	235 mm / 9.25"	110 mm / 4.33"	50 mm / 2"	Reinforced paper	44 Hz	0.41	43.6 L / 1.54 ft³	40 Hz - 6 kHz	4 Ω	200 / 400 W
GZCM 6.5NEO-DC	165 mm / 6.5"	143 mm / 5.63"	65 mm / 2.56"	38 mm / 1.5"	Fiber-reinforced paper	133.2 Hz	0.37	4.09 L / 0.14 ft³	240 Hz - 12 kHz	4 Ω	120 / 320 W
GZCM 6.5XSPL	165 mm / 6.5"	143 mm / 5.63"	74 mm / 2.91"	30 mm / 1.2"	Reinforced paper	86 Hz	0.31	9.61 L / 0.34 ft³	150 Hz - 11 kHz	4 Ω	120 / 320 W
GZCM 8.0XSPL	200 mm / 8"	182 mm / 7.17"	84 mm / 3.31"	30 mm / 1.2"	Reinforced paper	81 Hz	0.45	18.74 L / 0.66 ft³	120 Hz - 11 kHz	4 Ω	170 / 420 W
GZCM 10.0XSPL	250 mm / 10"	231 mm / 9.09"	tba	50 mm / 2"	Reinforced paper	76 Hz	0.65	31.0 L / 1.1 ft³	150 Hz - 10 kHz	4 Ω	200 / 450 W
GZCS K-165WW	165 mm / 6.5"	142 mm / 5.59"	62 mm / 2.44"	38 mm / 1.5"	Coated paper	60 Hz	0.61	11.4 L / 0.40 ft³	50 Hz - 5 kHz	3 Ω	70 / 110 W
GZCS K-200	200 mm / 8"	180 mm / 7.10"	70 mm / 2.76"	38 mm / 1.5"	Coated paper	48 Hz	0.61	30.3 L / 1.01 ft³	40 Hz - 4.5 kHz	3 Ω	80 / 110 W

Tweeters										
Series	Product	Outer Ø incl. frame	Mounting Ø incl. frame	Mounting depth	Voice coil Ø	Dome	FS	Frequency range	Impedance	Power handling RMS/MAX
	GZ ULTRA T-30	76 mm / 2.99"	60 mm / 2.36"	41 mm / 1.61"	30 mm / 1.18"	Soft dome	500 Hz	1 - 26 kHz	4 Ω	100 / 150 W
	GZ ULTRA T-30S	68 mm / 2.70"	60 mm / 2.36"	41 mm / 1.61"	30 mm / 1.18"	Soft dome	500 Hz	1 - 26 kHz	4 Ω	100 / 150 W
	GZ Reference T-26	55mm / 2.17"	48 mm / 1.89"	28mm / 1.10"	20mm / 0,79"	Titanium	1300Hz	2 - 25 kHz	6 Ω	70 / 110W
	GZPT 28SQ	54 mm / 2.13"	48 mm / 1.89"	35 mm / 1.38"	28 mm / 1.1"	Coated silk	770 Hz	2 - 30 kHz	4 Ω	100 / 150 W
	GZNT 28SQ	53 mm / 2.09"	48 mm / 1.89"	29 mm / 1.14"	28 mm / 1.1"	Coated silk	990 Hz	2 - 25 kHz	4 Ω	90 / 140 W
	GZUT 28SQX	54 mm / 2.13"	48 mm / 1.89"	18 mm / 0.70"	28 mm / 1.1"	Coated silk	1300 Hz	2.5 - 25 kHz	4 Ω	80 / 130 W
	GZHT 25S	54 mm / 2.13"	48 mm / 1.89"	22 mm / 0.87"	25 mm / 1"	Coated silk	1400 Hz	2.2 - 24 kHz	4 Ω	70 / 110 W
	GZRT 25SQ	54 mm / 2.13"	48 mm / 1.89"	16 mm / 0.63"	25 mm / 1"	Coated silk	1550 Hz	3 - 25 kHz	4 Ω	70 / 110 W
	GZTT 20S	54 mm / 2.13"	46 mm / 1.81"	18 mm / 0.70"	20 mm / 0.79"	Coated silk	1700 Hz	3 - 22 kHz	4 Ω	40 / 70 W
	GZCS T-25S	39.5 mm w/o frame	44 mm / 1.73"	22 mm / 0.87"	25 mm / 1"	Soft dome	1460 Hz	4 - 20 kHz	4 Ω	50 / 80 W
	GZCS T-25VW	VW specific	VW specific	VW specific	25 mm / 1"	Soft dome	1460 Hz	4 - 20 kHz	4 Ω	50 / 80 W

Competition & Competition PRO Tweeters										
Series	Product	Outer Ø w/o frame	Mounting Ø	Mounting depth	Voice coil Ø	Dome	Frequency range	Impedance	Power handling RMS/MAX	
	GZCT 19N-PROX B	83 x 67 mm / 3.27 x 2.64"	60 x 46 / 2.36 x 1.81"	48 mm / 1.89"	25 mm / 1"	Polyamide	3 - 22 kHz	4 Ω	30 / 100 W	
	GZCT 25SQL	75 mm / 2.95"	50 mm / 1.97"	36 mm / 1.42"	25 mm / 1"	Coated silk	3 - 22 kHz	4 Ω	100 / 150 W	
	GZCT 25M-SPL	54 mm / 2.13"	48 mm / 1.89"	16 mm / 0.63"	25 mm / 1"	Mylar	3 - 20 kHz	4 Ω	70 / 100 W	
	GZCT 28M-SPL	54 mm / 2.13"	48 mm / 1.89"	16 mm / 0.63"	28 mm / 1.1"	Mylar	2.5 - 20 kHz	4 Ω	80 / 110 W	
	GZCT 500IV-B	58 mm / 2.28"	43 mm / 1.69"	37 mm / 1.46"	25 mm / 1"	Aluminum	4 - 25 KHz	4 Ω	30 / 100 W	
	GZCT 3500XII-B/S	98 mm / 3.86"	72 mm / 2.83"	40 mm / 1.57"	25 mm / 1"	Aluminum	3 - 25 kHz	4 Ω	30 / 100 W	
	GZCT 4000X	160 x 120 mm / 6.3 x 4.7"	128 x 88 / 5 x 3.46"	87 mm / 3.43"	44.5 mm / 1.75"	Aluminum	2.5 - 20 kHz	4 Ω	50 / 140 W	
	GZCT 5000SPL (-B)	200 x 150 mm / 8 x 5.9"	165 x 130 / 6.5 x 5.12"	142 mm / 5.59"	44.5 mm / 1.75"	Titanium	1.5 - 20 kHz	4 Ω	70 / 180 W	

Subwoofers												
Series	Product	Outer Ø	Mounting Ø	Depth	Voice coil Ø	Cone	FS	QTS	VAS	Impedance	Power handling	Recommended amplifier power
	GZPW 10SQX	259 mm / 10.20"	236 mm / 9.29"	148 mm / 5.83"	50 mm / 2"	Aluminum	36 Hz	0.59	22.0 L / 0.78 ft³	2 x 2 Ω	400 W RMS	400 - 700 W
	GZPW 15NEO-XSPL	390 mm / 15.35"	360 mm / 14.17"	325 mm / 12.8"	100 mm / 4"	Carbon fiber	31 Hz	0.15	25.9 L / 0.92 ft³	2 x 1 Ω	6500 W RMS / 25000 W (3 sec.)	4500 - 6500 W
	GZPW 15C	390 mm / 15.35"	360 mm / 14.17"	300 mm / 11.81"	100 mm / 4"	Carbon fiber	31 Hz	0.51	28.2 L / 1 ft³	2 x 1 Ω	6500 W RMS	4500 - 6500 W
	GZPW 15XMAX-II	390 mm / 15.35"	360 mm / 14.17"	310mm / 12.2"	100 mm / 4"	Aluminum	30 Hz	0.42	27.2 L / 0.96 ft³	2 x 1 Ω	6000 W RMS	4000 - 6000 W
	GZNW 30SPL-D1	315 mm / 12.4"	281 mm / 11.06"	237 mm / 9.33"	75 mm / 3"	Reinforced paper	38.6 Hz	0.38	23.6 L / 0.83 ft³	2 x 1 Ω	3000 W RMS / 6000 W SPL	2000 - 6000 W
	GZNW 30SPL-D2	315 mm / 12.4"	281 mm / 11.06"	237 mm / 9.33"	75 mm / 3"	Reinforced paper	41.3 Hz	0.54	25.0 L / 0.88 ft³	2 x 2 Ω	3000 W RMS / 6000 W SPL	2000 - 6000 W
	GZNW 38SPL-D1	392 mm / 15.43"	358 mm / 14.09"	269 mm / 10.59"	75 mm / 3"	Reinforced paper	36 Hz	0.52	54 L / 1.91 ft³	2 x 1 Ω	3500 W RMS / 7000 W SPL	3000 - 7000 W
	GZNW 38SPL-D2	392 mm / 15.43"	358 mm / 14.09"	269 mm / 10.59"	75 mm / 3"	Reinforced paper	36.5 Hz	0.61	63 L / 2.22 ft³	2 x 2 Ω	3500 W RMS / 7000 W SPL	3000 - 7000 W
	GZNW 38NEO-XSPL	390 mm / 15.35"	360 mm / 14.17"	315 mm / 12.4"	75 mm / 3"	Carbon fiber	31 Hz	0.16	24.5 L / 0.91ft³	2 x 1 Ω	6000 W RMS / 25000W SPL (3 sec.)	3000 - 6000 W
	GZNW 15X-D2	392 mm / 15.43"	360 mm / 14.17"	250 mm / 9.94"	75 mm / 3"	Aluminum	35.2 Hz	0.54	28.0 L / 0.99 ft³	2 x 2 Ω	2500 W RMS / 4000 W SPL	2000 - 3000 W
	GZNW 38C	390 mm / 15.35"	360 mm / 14.17"	290 mm / 11.42"	75 mm / 3"	Carbon fiber	33 Hz	0.38	23 L / 0.81 ft³	2 x 1 Ω	6000 W RMS / 25000 W SPL (3 sec.)	3000 - 6000 W



Series

Product	Outer Ø	Mounting Ø	Depth	Voice coil Ø	Cone	FS	QTS	VAS	Impedance	Power handling	Recommended amplifier power
GZNW 30XMAX-II	314 mm / 12.36"	282 mm / 11.1"	250 mm / 9.84"	75 mm / 3"	Aluminum	35.6 Hz	0.61	13.6 L / 0.48 ft ³	2 x 1 Ω	3000 W RMS	1500 - 3000 W
GZNW 38XMAX-II	390 mm / 15.35"	360 mm / 14.17"	300 mm / 11.8"	75 mm / 3"	Aluminum	31 Hz	0.50	26.2 L / 0.93 ft ³	2 x 1 Ω	4000 W RMS	2000 - 4000 W
GZUW 8SQX-D2	215 mm / 8.46"	181 mm / 7.13"	108 mm / 4.25"	50 mm / 2"	Reinforced paper / Carbon dustcap	56.9 Hz	0.69	4.8 L / 0.17 ft ³	2 x 2 Ω	300 W RMS	200 - 400 W
GZUW 10SQX-D2	262 mm / 10.31"	236 mm / 9.29"	148 mm / 5.83"	50 mm / 2"	Reinforced paper / Carbon dustcap	40.2 Hz	0.54	21.8 L / 0.77 ft ³	2 x 2 Ω	450 W RMS	300 - 600 W
GZHW 16SPL	177 mm / 6.97"	153 mm / 6.02"	110 mm / 4.33"	50 mm / 2"	Reinforced paper	51 Hz	0.46	2.8 L / 0.10 ft ³	2 x 2 Ω	500 W RMS / 1000 W SPL	400 - 1000 W
GZHW 20XSPL-D1	211 mm / 8.31"	187 mm / 7.36"	143 mm / 5.65"	63 mm / 2.5"	Reinforced paper	38.9 Hz	0.55	5.2 L / 0.18 ft ³	2 x 1 Ω	700 W RMS / 1500 W SPL	500 - 1500 W
GZHW 20XSPL-D2	211 mm / 8.31"	187 mm / 7.36"	143 mm / 5.65"	63 mm / 2.5"	Reinforced paper	42.4 Hz	0.63	4.3 L / 0.15 ft ³	2 x 2 Ω	700 W RMS / 1500 W SPL	500 - 1500 W
GZHW 25XSPL-D1	274 mm / 10.79"	238 mm / 9.37"	178 mm / 7"	63 mm / 2.5"	Reinforced paper	40.3 Hz	0.52	9.9 L / 0.35 ft ³	2 x 1 Ω	1200 W RMS / 2500 W SPL	800 - 2500 W
GZHW 25XSPL-D2	274 mm / 10.79"	238 mm / 9.37"	178 mm / 7"	63 mm / 2.5"	Reinforced paper	40.1 Hz	0.58	12.7 L / 0.45 ft ³	2 x 2 Ω	1200 W RMS / 2500 W SPL	800 - 2500 W
GZHW 30XSPL-D1	315 mm / 12.4"	284 mm / 11.18"	198 mm / 7.8"	75 mm / 3"	Reinforced paper	39.1 Hz	0.56	17.6 L / 0.62 ft ³	2 x 1 Ω	1500 W RMS / 3000 W SPL	1000 - 3000 W
GZHW 30XSPL-D2	315 mm / 12.4"	284 mm / 11.18"	198 mm / 7.8"	75 mm / 3"	Reinforced paper	42.4 Hz	0.60	16.9 L / 0.60 ft ³	2 x 2 Ω	1500 W RMS / 3000 W SPL	1000 - 3000 W
GZHW 38XSPL-D1	390 mm / 15.35"	360 mm / 14.17"	231 mm / 9.09"	75 mm / 3"	Reinforced paper	43.4 Hz	0.77	22.19 L / 0.78 ft ³	2 x 1 Ω	2000 W RMS / 3500 W SPL	1500 - 3500 W
GZHW 38XSPL-D2	390 mm / 15.35"	360 mm / 14.17"	231 mm / 9.09"	75 mm / 3"	Reinforced paper	39.0 Hz	0.65	35.04 L / 1.24 ft ³	2 x 2 Ω	2000 W RMS / 3500 W SPL	1500 - 3500 W
GZHW 8SPL-D2 FLAT	211 mm / 8.31"	187 mm / 7.36"	80 mm / 3.15"	50 mm / 2"	Sandwich paper	31.5 Hz	0.41	14.2 L / 0.50 ft ³	2 x 2 Ω	500 W RMS / 800 W SPL	350 - 800 W
GZHW 10SPL-D2 FLAT	274 mm / 10.79"	238 mm / 9.37"	103 mm / 4.06"	63 mm / 2.5"	Sandwich paper	35.5 Hz	0.43	19.7 L / 0.70 ft ³	2 x 2 Ω	600 W RMS / 1000 W SPL	400 - 1000 W
GZHW 12SPL-D2 FLAT	315 mm / 12.40"	284 mm / 11.18"	118 mm / 4.65"	63 mm / 2.5"	Sandwich paper	21.0 Hz	0.30	117.5 L / 4.15 ft ³	2 x 2 Ω	700 W RMS / 1200 W SPL	500 - 1200 W
GZRW 25-D2	257 mm / 10.12"	228 mm / 8.98"	151 mm / 5.94"	63 mm / 2.5"	Reinforced paper	26.3 Hz	0.54	28.3 L / 1.0 ft ³	2 x 2 Ω	600 W RMS	300 - 900 W
GZRW 30-D2	311 mm / 12.24"	288 mm / 11.34"	166 mm / 6.54"	75 mm / 3"	Reinforced paper	25.7 Hz	0.50	31.2 L / 1.10 ft ³	2 x 2 Ω	800 W RMS	600 - 1200 W
GZRW 38-D2	390 mm / 15.35"	359 mm / 14.1"	195 mm / 7.68"	75 mm / 3"	Reinforced paper	22.9 Hz	0.50	110.4 L / 3.90 ft ³	2 x 2 Ω	1000 W RMS	800 - 1400 W
GZRW 250-D2 FLAT	257 mm / 10.12"	232 mm / 9.13"	85 mm / 3.35"	50 mm / 2"	Sandwich paper	28.0 Hz	0.54	35.8 L / 1.26 ft ³	2 x 2 Ω	400 W RMS	300 - 500 W
GZRW 300-D2 FLAT	312 mm / 12.28"	278 mm / 10.94"	93 mm / 3.66"	50 mm / 2"	Sandwich paper	23.5 Hz	0.44	60.2 L / 2.13 ft ³	2 x 2 Ω	450 W RMS	350 - 550 W
GZRW 6XSPL	169 mm / 6.65"	147 mm / 5.79"	99 mm / 3.9"	50 mm / 2"	Reinforced paper	49.5 Hz	0.58	2.2 L / 0.08 ft ³	2 x 2 Ω	350 W RMS / 700 W SPL	300 - 700 W
GZRW 6XSPL-D1	169 mm / 6.65"	147 mm / 5.79"	tba	50 mm / 2"	Reinforced paper	tba	tba	tba	2 x 1 Ω	350 W RMS / 700 W SPL	300 - 700 W
GZRW 8XSPL	209 mm / 8.23"	182 mm / 7.17"	133 mm / 5.24"	50 mm / 2"	Reinforced paper	45.8 Hz	0.36	7.4 L / 0.26 ft ³	2 x 2 Ω	500 W RMS / 1000 W SPL	400 - 1000 W
GZRW 8XSPL-D1	209 mm / 8.23"	182 mm / 7.17"	133 mm / 5.24"	50 mm / 2"	Reinforced paper	46 Hz	0.36	5 L / 0.18 ft ³	2 x 1 Ω	500 W RMS / 1000 W SPL	400 - 1000 W
GZRW 10XSPL	257 mm / 10.12"	228 mm / 8.98"	140 mm / 5.51"	63 mm / 2.5"	Reinforced paper	44.3 Hz	0.75	9.0 L / 0.32 ft ³	2 x 2 Ω	800 W RMS / 1200 W SPL	600 - 1200 W
GZRW 12XSPL	311 mm / 12.24"	288 mm / 11.34"	166 mm / 6.54"	75 mm / 3"	Reinforced paper	31.8 Hz	0.68	27.2 L / 0.96 ft ³	2 x 2 Ω	1000 W RMS / 1500 W SPL	800 - 1500 W
GZRW 15XSPL	387 mm / 15.24"	358 mm / 14.09"	186 mm / 7.09"	75 mm / 3"	Reinforced paper	34.1 Hz	0.59	63.3 L / 2.24 ft ³	2 x 2 Ω	1200 W RMS / 1800 W SPL	1000 - 1800 W
GZIW 10XSPL-D2	257 mm / 10.12"	230 mm / 9.06"	147 mm / 5.79"	63 mm / 2.5"	Reinforced paper with 3D structure	36.2	0.61	15.4 L / 0.54 ft ³	2 x 2 Ω	500 W RMS / 700 W SPL	400 - 700 W
GZIW 12XSPL-D2	310 mm / 12.2"	285 mm / 11.22"	162 mm / 6.38"	63 mm / 2.5"	Reinforced paper with 3D structure	32.5 Hz	0.73	40.4 L / 1.43 ft ³	2 x 2 Ω	600 W RMS / 1000 W SPL	500 - 1000 W
GZIW 165	168 mm / 6.6"	147 mm / 5.79"	79 mm / 3.11"	38 mm / 1.5"	HQPP	41.0 Hz	0.41	9.1 L / 0.32 ft ³	4 Ω	100 W RMS	60 - 150 W
GZIW 200	211 mm / 8.3"	182 mm / 7.17"	100 mm / 3.94"	38 mm / 1.5"	HQPP	32 Hz	0.44	23.6 L / 0.83 ft ³	4 Ω	150 W RMS	100 - 200 W
GZIW 250	257 mm / 10.12"	230 mm / 9.06"	129 mm / 5.1"	50 mm / 2"	HQPP	27 Hz	0.44	49.3 L / 1.74 ft ³	4 Ω	250 W RMS	200 - 300 W
GZIW 300	310 mm / 12.2"	287 mm / 11.3"	149 mm / 5.87"	50 mm / 2"	HQPP	30 Hz	0.58	69.3 L / 2.45 ft ³	4 Ω	350 W RMS	200 - 400 W
GZCS W-200MB	Car specific	Car specific	Car specific	38 mm / 1.5"	Coated carbon fiber	52 Hz	0.53	16.9 L / 0.60 ft ³	4 Ω	110 WRMS	50 - 150 W
GZCS 200BMW-SW	Car specific	Car specific	Car specific	50 mm / 2"	Pressed paper	55.2 Hz	1.05	20.1 L / 0.71 ft ³	2 Ω	100 WRMS	80 - 160 W
GZCS 200BMW-SW4	Car specific	Car specific	Car specific	50 mm / 2"	Pressed paper	57.9 Hz	0.67	21.3 L / 0.75 ft ³	4 Ω	100 WRMS	80 - 160 W

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