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# NUCLEAR-SERIES

## Fullrange Speaker

### Anleitung / Owner´s manual

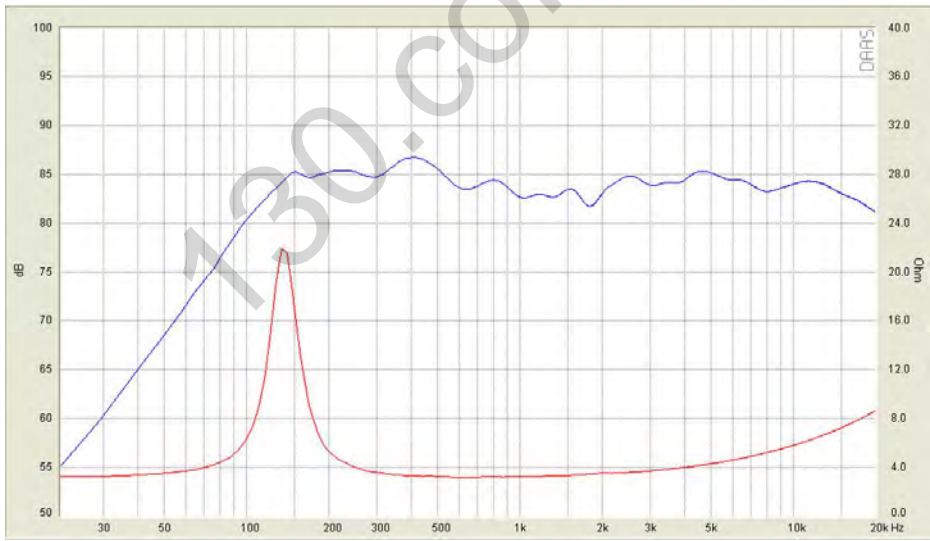
## GZNF 50SQ

- 45 mm Sound-Quality Mitteltöner / Breitbänder
  - Schwarz eloxierte Aluminium-Membrane
  - Neodym Magnet
  - 22 mm Kupferschwingspule
  - Resonanzarmer Faserverbund-Korb
- 
- *1.8" sound quality midrange / full range*
  - *Black anodized aluminum cone*
  - *Neodymium magnet*
  - *22 mm / 0.87" copper voice coil*
  - *Resonance free fiber-composite basket*

## Spezifikationen / specifications

Außendurchmesser (mit Gitter) / <i>outer diameter (incl. grill)</i>	72 mm / 2.17"
Einbaudurchmesser / <i>mounting diameter</i>	50 mm / 1.97"
Einbautiefe / <i>mounting depth</i>	30 mm / 1.18"
Membrandurchmesser / <i>cone diameter</i>	45 mm / 1.77"
Durchmesser der Schwingspule / <i>voice coil diameter</i>	22 mm / 0.87"
Impedanz / <i>impedance (nominal)</i>	4 ohms
$F_s$	130 Hz
$R_o$	3.1 ohms
Wirkungsgrad / <i>efficiency (SPL)</i>	81 dB (2.83V/1m)
$X_{max}$	1 mm / 0.04"
Frequenzgang / <i>frequency response</i>	250 - 22000 Hz
Belastbarkeit / <i>power (RMS / max.)</i>	50 / 80 Watts (high pass filter @ 350 Hz / 12 dB/oct.)

## Frequenzgang auf Achse / frequency response on axis



### Garantie- und Gewährleistungsbestimmungen

Die Gewährleistung entspricht der gesetzlichen Regelung. Eine Rücksendung kann nur nach vorheriger Absprache und in der Originalverpackung erfolgen. Bitte unbedingt einen maschinell erstellten Kaufbeleg und eine Fehlerbeschreibung beilegen. Von der Gewährleistung ausgeschlossen sind Defekte, die durch Überlastung, unsachgemäße Behandlung oder bei Teilnahme an Wettbewerben entstanden sind. Wir behalten uns das Recht vor, zukünftig nötige Änderungen oder Verbesserungen an dem Produkt vorzunehmen ohne den Kunden darüber zu informieren.

#### Terms of warranty

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

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