

Excerpt from  
the comparison  
test of six 5- and  
6-channel  
amplifiers



# Ground Zero GZHA Mini Five

If you are looking for a five-channel amplifier at Ground Zero, you don't have to search for a long time. Our Mini Five from the Hydrogen series is the only five-channel model in the device range produced by the Egmatung based company. The recently developed construction conveys a modern overall impression and the amplifier has turned out nice and handy. The credits for this go to the Class D technology, as well as for the small channels, which are powered by two double channel amplifier ICs. The bass channel is controlled by a space-saving driver IC and boosted by four power MOSFETs. The equipment is thoughtfully furnished with high level inputs with automatic switch-on function and sophisticated filters. The switches of the small channels range up to 4 kHz, the 3 and 4 pair is also suitable for bandpass. Ground Zero got generous praise from our measurement lab. With 70 and 120 watts, it makes any compo system happy, and there are full 545 watts at 1 ohm at the bass.

## The sound

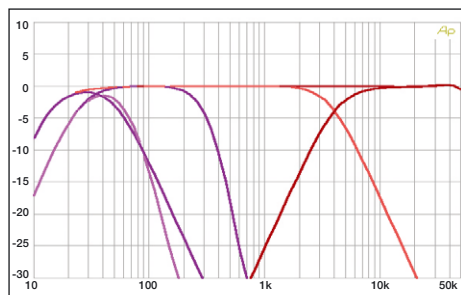
The sound test also reveals only good things in the Mini Five. The device plays crystal clear and tidy and pleases the ear with perfect transpa-



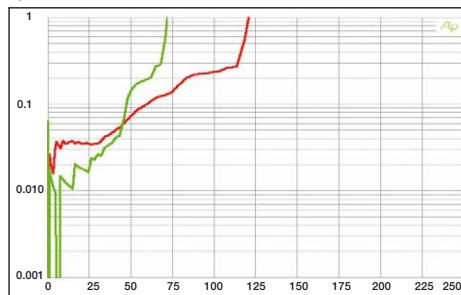
Clean-cut, modern design from Ground Zero. The two power amplifier chips for the small channels are located under the circuit board. There was no saving on the ample power transformer

rency. The recreation of a musical stage is spectacular. It knows how to decently fit in the bass drums and strikes the balance between fat and clean sound. The subwoofer channel sounds much larger than it actually is. Even big subwoofers are no problem for the Ground Zero.

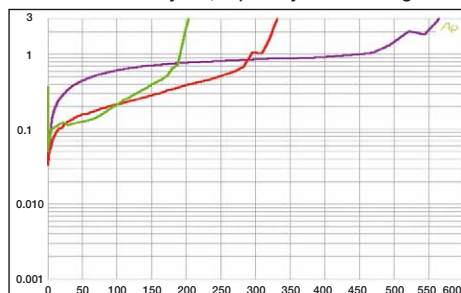
Elmar Michels



The variable filters allow crossing every kind of speakers up to 4 kHz for tweeters



We have 'digital' 71 respectively 119 watts on channels 1-4. Distortion is very low, especially at low wattage



channel 5 gives almost 200 watts at 4 ohms and can deliver up to 545 watts at 1 ohms with a little more than 1 % THD+N

**BEST BUY**  
Top Class 250 - 500 €  
**CAR & HiFi** 2/2021

## Ground Zero GZHA Mini Five

Distributor	Ground Zero, Egmatung
Hotline	08095-873830
Internet	www.ground-zero-audio.com

Sound	40 %	1,2	■ ■ ■ ■ ■
Bass	8 %	1,0	■ ■ ■ ■ ■
Neutrality	8 %	1,0	■ ■ ■ ■ ■
Transparency	8 %	1,0	■ ■ ■ ■ ■
Spatial imaging	8 %	1,5	■ ■ ■ ■ ■
Dynamics	8 %	1,5	■ ■ ■ ■ ■

Lab	35 %	1,6	■ ■ ■ ■ ■
Power	20 %	1,5	■ ■ ■ ■ ■
Damping factor	5 %	2,0	■ ■ ■ ■ ■
Signal-to-noise ratio	5 %	2,0	■ ■ ■ ■ ■
Noise	5 %	1,5	■ ■ ■ ■ ■

Practice	25 %	1,4	■ ■ ■ ■ ■
Features	15 %	1,5	■ ■ ■ ■ ■
Build quality electronics	5 %	1,0	■ ■ ■ ■ ■
Build quality mechanics	5 %	1,5	■ ■ ■ ■ ■

## Specifications

Channels	5
Power 4 Ohm (x4/x2)	4 x 71 + 193
Power 2 Ohm (x4/x2)	4 x 119 + 315
Power 1 Ohm (x4/x2)	545
Bridged Power 4 Ohm (x2/x1)	2 x 238
Bridged Power 2 Ohm (X2/x1)	0
Sensitivity max. mV	500
Sensitivity min. V	>13,3
THD+N (<22 kHz) 5 W	0,013/0,03
THD+N (<22 kHz) Half Power	0,031/0,075
Signal-to-noise ratio dB(A)	82/62
Damping factor 20 Hz	111/179
Damping factor 80 Hz	113/179
Damping factor 400 Hz	114/179
Damping factor 1 kHz	105/186
Damping factor 8 kHz	18/179
Damping factor 16 kHz	5/179

## Features

Low pass	50 – 4k (CH34)/50 – 250 (CH5) Hz
High pass	10 – 4k Hz (CH1-4)
Band pass	10 – 4k Hz (CH1-4)
Bass boost	–
Subsonic filter	fix 25 Hz
Phase shift	–
High-level inputs	•
Separate gain control (Autosense)	•, DC
RCA outputs	–
Start/stop capable	– (9,4 V)
Dimensions (L x W x H in mm)	322 x 135 x 52
Others	Remote Control, 2, 4, 6 CH In, EPS

## Ratings

Price	340 Euro
Sound	40 % 1,2 ■ ■ ■ ■ ■
Lab	35 % 1,6 ■ ■ ■ ■ ■
Practice	25 % 1,4 ■ ■ ■ ■ ■

## Ground Zero GZPA 4SQ

Absolute Top Class  
Top Class  
Upper Class  
Middle Class  
Entry Level

**1,4**

Price-Performance:  
excellent

**CAR & HiFi**

Issue 2/2021

"Superb craftsmanship, seductive price."