swiss made **elektronik ag**

GM-69-300-EN54

- **Aluminium housing**
- **Weather proof**
- **BS 5839**

The 10 W powered speaker is equipped with two 77 mm full-range loudspeaker chassis and a 100 V transformer with four power adjustments.

The powder coated and shock-resistant aluminium housing in RAL 9006 guarantees long-term stability. For additional reliability, a 2 pin-ceramic block, a thermal fuse is provided and the speaker chassis is impregnated against wetness. Furthermore sturdy cable glands 2 × PG9 are also provided.

The speaker is also secured with the high protection class IP 66 against the security risks of environmental influences. The speaker is compliant with the British Standard BS 5839, Part 8.

The easy mounting with the included swivel bracket provides much flexibilty for the installation.

Special paint of the speaker in 4-digit RAL- or NCS-colour available at extra cost.

Technical datas

Electric

Power	10 / 6 / 3 / 1.5 W
Frequency range	210–17'700 Hz
Frequency response	140–23'500 Hz
SPL 1 W / 1 m	97.6 dB
SPL 1 W / 4 m	77.2 dB
SPL Pmax / 4 m	95.6 dB
Sensitivity EN 54-24, 1 W / 4 m	77.2 dB
Sensitivity IEC 268-5, 1 W / 1 m	89.2 dB
Dispersion -6 dB, 500 Hz	H: 360°, V: 360°
Dispersion -6 dB, 1 KHz	H: 187°, V: 108°
Dispersion -6 dB, 2 KHz	H: 149°, V: 66°
Dispersion -6 dB, 4 KHz	H: 91°, V: 32°

Mechanic

Dimensions (W × H × D)	100 × 296 × 92 mm
Weight	1.7 kg
Material	Aluminium
Temperature range	-20 °C to +90 °C
Standard color	RAL 9006
Special colors	RAL or NCS
Mounting	Swivel bracket
Connector	2-pin ceramic block
Protection	IP66
Certificate	1438-CPR-0708

CE

20

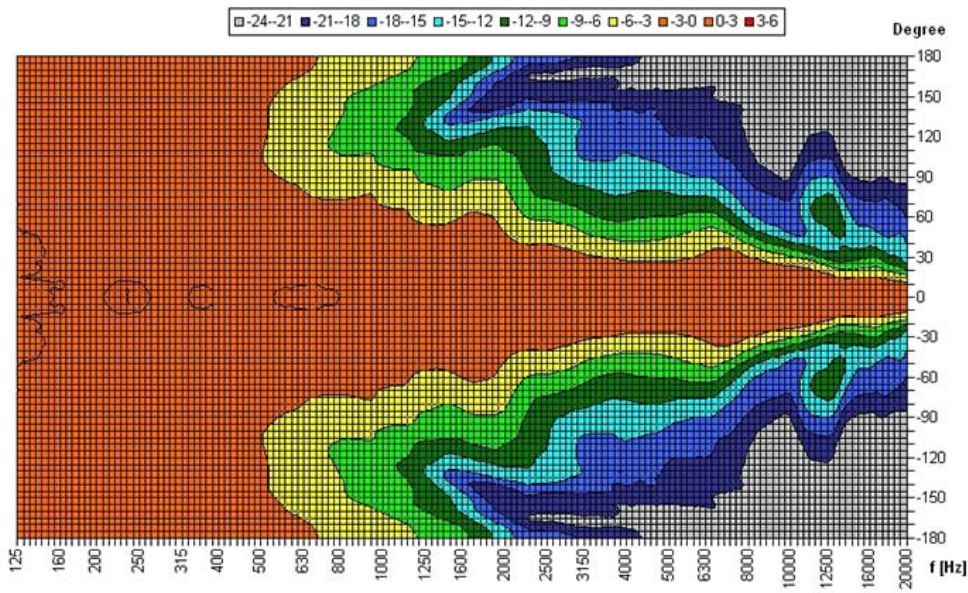**EN 54-24:2008**
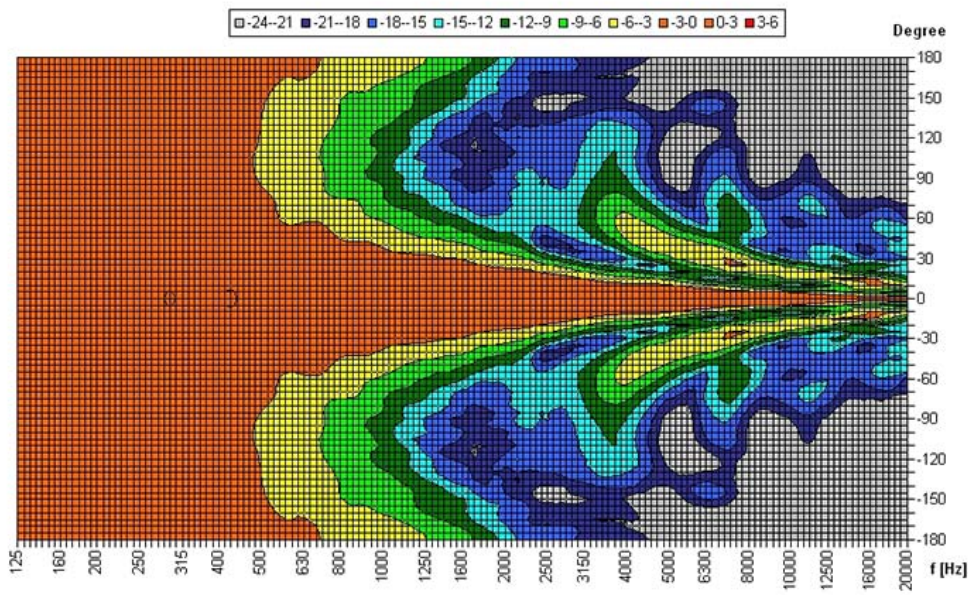**Ref. Nr.:** 63-19-014
ID-Codes: LS-VA-003
1438-CPR-0708

g+m elektronik ag, Bürerfeld 12,
CH-9245 Oberbüren, Switzerland
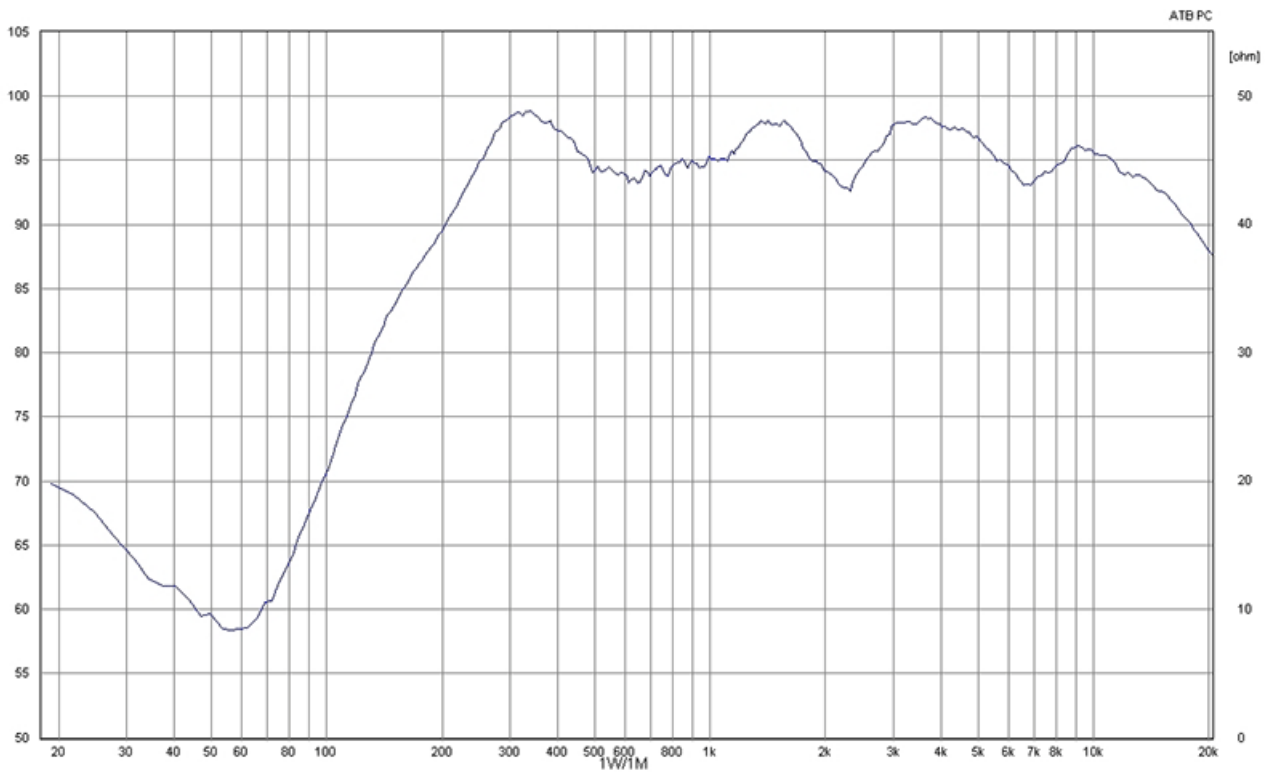
CE-Symbol according 93/68EWG

Polar plot

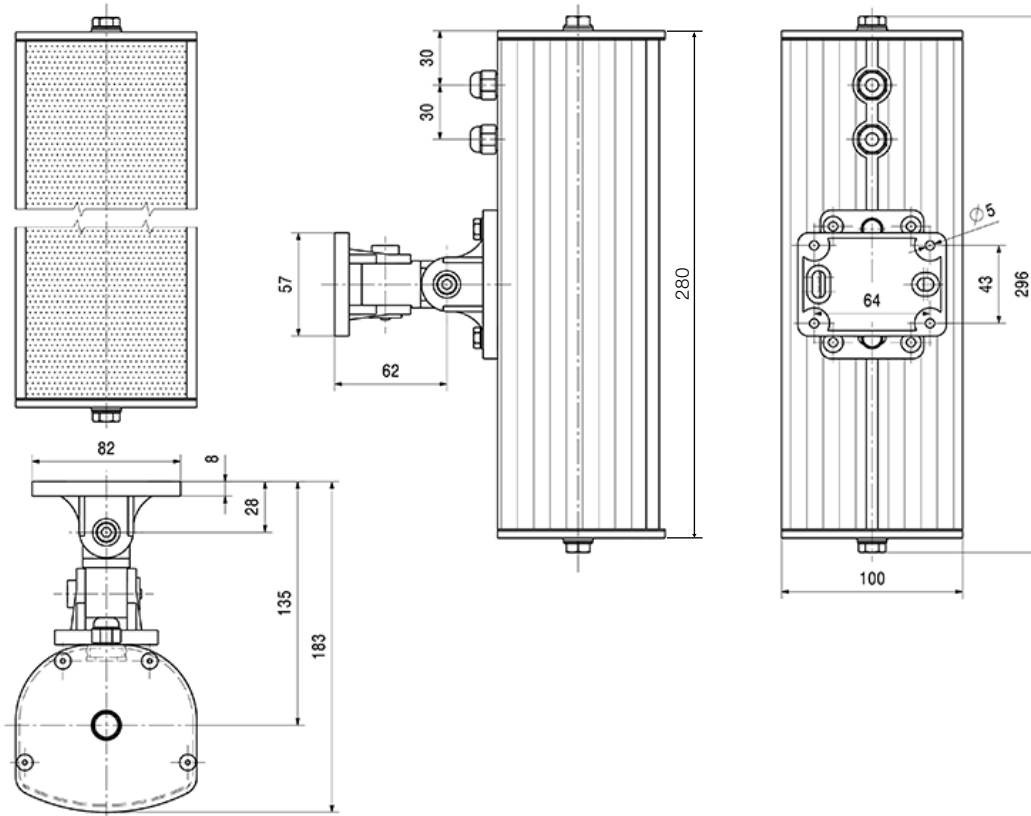
Horizontal

Vertical

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Frequency response

Dimensions (measuring in mm)

Information

Loudspeakers from g+m elektronik ag are tested and classified according to the IEC standard 60529 (degree of protection by enclosure) against the penetration of foreign objects and moisture. The classification is conforming to standards through characterization with a fixed code. This code consists of the letters IP (International Protection) followed by two digits.
The first digit indicates the degree of protection against dust and the second digit the degree of protection against water. Please note that the testing of the products has been carried out in laboratory conditions which are not always 100% comparable with the conditions of different installation environments. This protection can be reduced due to normal wear and tear depending on the installation environment. Therefore our warranty does not cover any damage caused by liquids.

Measurements according to DIN IEC 268-5 | RoHS compliant (2011/65/EU).

The IP rating specified is based on g+m elektronik ag test results, not on CNBOP-PIB test results. Certification only verifies the minimum requirements for EN 54-24 compliance.