

Magnat®

Signature 1100



HIGH-END STEREO LOUDSPEAKER IN THE „SIGNATURE“ REFERENCE CLASS



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Reference quality and uncompromising hi-fi. Handpicked components, unique Magnat technologies as well as a meticulous, elaborate development process guarantee unrivalled quality.

- Klippel-optimised high-tech 4-way system with the highest sound precision
- Hi-Res AUDIO certification thanks to super-tweeter with reproduction up to 55 kHz
- High efficiency and very full-range reproduction
- Highly modern design with silk matt lacquer and aluminium applications



HI-RES AUDIO THANKS TO SUPER-TWEETERS.

Used in the treble range of the Signature 1100 range are two harmonized fmax Signature tweeters together. This newly developed tweeter module is made up of a 30 mm dome tweeter with coupling volume, long-excursion drive and wide surround for particularly low coupling to the mid-tone range, as well as an additional 20 mm super-tweeter. The latter provides for harmonious omnidirectional sound distribution and treble reproduction up to 55,000 Hz!



UNCOMPROMISING HI-FI.

Solid aluminium foot supports and the height adjustable solid metal spikes emphasize the extraordinary, high quality standards of these loudspeakers.



EXTRAORDINARY TERMINAL.

The high-quality internal wiring and the large connection panel with sturdy and encapsulated terminals guarantee reliable contact for large gauge high-quality cables.



PERFECTLY MATCHED DRIVER.

All the components of the Signature 1100 loudspeakers have been carefully selected, arranged and tuned in a time-consuming process. The chassis alone have undergone numerous measurements, always with the help of the laser-assisted Klippel measuring system in order to achieve absolute perfection.

WOOFER & MIDRANGE:

- Generously vented die-cast aluminium baskets to prevent turbulence and compression effects
- Distortion-optimised magnet systems with double induction rings and stray field optimisation
- Non-conductive voice coils to minimise eddy current loss
- „Controlled Flexing Cone“: Cone geometry for controlled dispersion of bending waves in the midrange, and with it the capability to reproduce a greater bandwidth
- Ceramic-aluminium sandwich membranes with high rigidity and optimum internal damping, optimised by inverse dust caps
- Sophisticated voice coil ventilation for a particularly high degree of resilience
- Solid aluminium grille rings with 8 screw fixings

TWEETER & SUPER-TWEETER:

- Newly developed high-res tweeter module with two fmax Signature dome tweeters
- 30 mm dome tweeter with coupling volume, long-excursion drive and particularly wide surround for especially deep mid-tone coupling
- Additional 20 mm super dome tweeter for ideal omnidirectional sound distribution and extended reproduction up to 55 kHz
- Powerful neodymium ring magnet systems for excellent dynamics
- Special sound guides in the solid aluminium front panel for optimum dispersion characteristics



ENCLOSURE:

- Very sturdily constructed, multi-braced MDF enclosure in a timeless-modern design
- Body with stylish silk matt lacquer
- Aluminium cover plate with brushed surface and milled-in model name
- Two Magnat Airflex ports with large openings ensure an optimum bass response without ambient noise
- Detachable fabric grille with optimised acoustic transmissivity and concealed magnetic mounts
- Two solid aluminium base transoms with matt surface
- Height-adjustable, counter-locked solid metal spikes with replaceable tips for optimum stability on all floors
- Decoupling silicone feet and metal spikes included

CROSSOVER:

- Elaborate phase and amplitude-optimised APOC crossover with audiophile coils and PP capacitors
- High-quality interior cabling
- Large connection panel with sturdy and encapsulated terminals to guarantee reliable contact even with high-quality cables possessing large cross-sections
- Bi-wiring/bi-amping option, pre-installed cable bridges for single wiring

SIGNATURE 1109

High-end 4-way bass reflex loudspeaker from the „Signature“ reference series

PRINCIPE

4 way, double bass, bass reflex

EQUIPMENT

2 x 8" woofer, 6.5" midrange, 1.2" mm tweeter, 0.75" super tweeter

POWER HANDLING (RMS/MAX.)

300 / 550 W

IMPEDANCE

4 – 8 Ω

FREQUENCY RESPONSE

20 – 55 000 Hz

CROSSOVER FREQUENCIES

340 Hz/2 300 Hz/18 500 Hz

RECOMMENDED AMPLIFIER OUTPUT

> 30 W

SENSITIVITY (2.8V/1M)

94 dB

CABINET SURFACE

Black satin
White satin

DIMENSIONS (WxHxD)

Enclosure: 275 x 1250 x 410 mm
Enclosure incl. Feet/Spikes: 375 x 1280 x 410 mm

WEIGHT

42.5 kg

ART.NO. /EAN

Black satin: 131 2020 / 40 18843 31202 6
White satin: 131 2030 / 40 18843 12030 0



Signature 1105

High-end 3,5-way bass reflex loudspeaker from the „Signature“ reference series

PRINCIPE

3,5 way, double bass, bass reflex

EQUIPMENT

6.5" woofer, 6.5" midwoofer, 1.2" mm tweeter, 0.75" super tweeter

POWER HANDLING (RMS/MAX.)

200 / 350 W

IMPEDANCE

4 – 8 Ω

FREQUENCY RESPONSE

22 – 55 000 Hz

CROSSOVER FREQUENCIES

290 Hz/2 300 Hz/18 500 Hz

RECOMMENDED AMPLIFIER OUTPUT

> 30 W

SENSITIVITY (2.8V/1M)

93 dB

CABINET SURFACE

Black satin
White satin

DIMENSIONS (WxHxD)

Enclosure: 225 x 1050 x 350 mm
Enclosure incl. Feet/Spikes: 315 x 1080 x 350 mm

WEIGHT

27.8 kg

ART.NO. /EAN

Black satin: 131 2000 / 40 18843 12000 3
White satin: 131 2010 / 40 18843 12010 2

