

# Magnat®

# Signature 500



ENTRY INTO THE SIGNATURE CLASS – „SIGNATURE 500“



## OUTSTANDING SOUND FOR MUSIC AND HOME CINEMA

- Woofer-midrange with specially-coated diaphragm and ventilated voice coil for high power handling and dynamics
- Hi-Res dual tweeter system for highest resolution and transparency
- 1.2" dome tweeter with extra-thick surround for low frequency coupling to the midrange
- Powerful neodymium ring magnet systems for best dynamics
- Front panel with dedicated sound guidance for optimum dispersion properties
- Matching XL home cinema center speaker with 6.5" woofer-midrange in double configuration
- Matching active subwoofer with a powerful digital amplifier, a big 12" driver and various setting options



## SIGNATURE 500 – ENTRY INTO THE SIGNATURE CLASS

The Magnat Signature 500 is the entry level to the world of audiophile hi-fi. Here, elaborate chassis with the latest technologies are combined with production quality that is second to none in this class. And all of this with a system - because, from the audiophile stereo set-up to the ambitious, perfectly sounding home cinema with active subwoofer, everything can be combined entirely to your liking in the Signature entry-level class.



### ELABORATE CHASSIS TECHNOLOGY

The heart of the fabulous high-frequency reproduction is our new hi-res module with two, yes two fmax tweeters.

### CAN BE COMBINED IN A VARIETY OF WAYS

The Signature 500 is available in various versions. This means that fans of pure stereo playback can combine different setups, while home cinema enthusiasts can also choose the perfect combination.

### EXCEPTIONAL PRODUCTION QUALITY

Amplly dimensioned terminals not only allow use of the highest-quality cables, they also facilitate bi-wiring and bi-amping, i.e. the use of different cables or amplifiers for bass and treble ranges.

## WOOFER & MIDRANGE:

- Klippel®-optimised overall design
- FE-Dynamics woofer-midrange
- Coated paper cone
- Ventilated voice-coil unit for maximum resilience
- Solid metal basket with generous ventilation openings
- Solid decorative rings, fixed by six screws

## TWEETER & SUPER-TWEETER:

- Newly developed high-res tweeter module with two fmax dome tweeters
- 1.2" dome tweeter with extra-thick surround for low frequency coupling to the midrange
- Additional 20 mm super dome tweeter for ideal omnidirectional sound distribution and extended reproduction up to 50 kHz
- Powerful neodymium ring magnet systems for best dynamics
- Front panel with dedicated sound guidance for optimum dispersion properties



## ENCLOSURE:

- Very solid low-resonance construction made of E1 MDF panels
- High-gloss lacquered baffle (black version) or satin lacquered baffle (mocca version)
- Detachable fabric grille with concealed magnetic mounts
- Airflex port with rounded reflex opening for reducing wind noises
- Resonance-damping rubber feet included (Signature 505/507)

## CROSSOVER:

- Amplitude- and phase-optimised crossover with acoustic 24 dB filters and high-quality components
- Big Bi-Wiring/Bi-Amping connecting terminal with big screw connectors and gold-plated contacts

## WOOFER:

- 300 mm high-power long-throw woofer with Klippel®-optimized magnet system
- Ventilated high-performance voice coil to guarantee highest operational reliability
- The coated paper cone ensures a profound audio reproduction
- Solid metal basket with generous ventilation openings
- Klippel®-optimised overall design

## AMPLIFIER:

- High performance class-D amplifier
- Adjustable volume and crossover frequency
- Phase adjustable from 0° to 180°
- Active frequency response equalization up to 120 Hz (LPC circuit) for seamless integration in AV environments
- Automatic standby function with low power consumption <0.5 watts (can be switched off)
- Selectable mains voltage 100-240V
- Mains switch

## CABINET:

- „Front-fire“ construction
- Sturdy and low-resonance case design with E1 MDF wooden boards
- High-gloss lacquered baffle (black version) or satin lacquered baffle (mocca version)
- Detachable fabric grille with concealed magnetic mounts
- Airflex port with rounded reflex opening for reducing wind noises
- Resonance-damping rubber feet included

## FEATURES:

- Stereo low level inputs (RCA connections)
- Mains supply



## SIGNATURE 507

4 way, double bass, bass reflex

### DRIVERS

2 x 6.5" woofer, 6.5" midrange, 1.2" dome-tweeter, 0.75" super-tweeter

### POWER HANDLING (RMS/MAX)

200 / 350 watts

### IMPEDANCE

4 – 8 ohms

### FREQUENCY RESPONSE

23 – 53000 Hz

### CROSSOVER FREQUENCIES

400 Hz/2800 Hz/17500 Hz

### RECOMMENDED AMPLIFIER OUTPUT

> 30 watts

### SENSITIVITY

92 dB

### CABINET SURFACE

Front: Piano black / Cabinet: Ash decor black  
Front: Anthracite satin / Cabinet: Ash decor mocca

### DIMENSIONS (WxHxD)

Cabinet: 205 x 1030 x 332 mm  
Cabinet incl. feet and terminal: 286 x 1070 x 332 mm

### WEIGHT

18.8 kg

### ART.NO. /EAN

Black: 146 220 / 40 18843 46220 2  
Mocca: 146 222 / 40 18843 46222 6



## SIGNATURE 505

3,5 way, double bass, bass reflex

### DRIVERS

6.5" woofer, 6.5" midrange, 1.2" dome-tweeter, 0.75" super-tweeter

### POWER HANDLING (RMS/MAX)

170 / 300 watts

### IMPEDANCE

4 – 8 ohms

### FREQUENCY RESPONSE

24 Hz – 53000 Hz

### CROSSOVER FREQUENCIES

330 Hz/2800 Hz/17500 Hz

### RECOMMENDED AMPLIFIER OUTPUT

> 30 watts

### SENSITIVITY

92 dB

### CABINET SURFACE

Front: Piano black / Cabinet: Ash decor black  
Front: Anthracite satin / Cabinet: Ash decor mocca

### DIMENSIONS (WxHxD)

Cabinet: 205 x 930 x 332 mm  
Cabinet incl. feet and terminal: 286 x 970 x 332 mm

### WEIGHT

15.5 kg

### ART.NO. /EAN

Black: 146 210 / 40 18843 46210 3  
Mocca: 146 212 / 40 18843 46212 7



## SIGNATURE 503

3 way, bass reflex

### DRIVERS

6.5" midwoofer, 1.2" dome-tweeter, 0.75" super-tweeter

### POWER HANDLING (RMS/MAX)

100 / 170 watts

### IMPEDANCE

4 – 8 ohms

### FREQUENCY RESPONSE

32 – 53000 Hz

### CROSSOVER FREQUENCIES

2800 Hz/17500 Hz

### RECOMMENDED AMPLIFIER OUTPUT

> 20 watts

### SENSITIVITY

91 dB

### CABINET SURFACE

Front: Piano black / Cabinet: Ash decor black  
Front: Anthracite satin / Cabinet: Ash decor mocca

### DIMENSIONS (WxHxD)

Cabinet: 205 x 365 x 282 mm

### WEIGHT

6.1 kg

### ART.NO. /EAN

Black: 146 200 / 40 18843 46200 4  
Mocca: 146 202 / 40 18843 46202 8



## SIGNATURE CENTER 53

3 way, double bass, bass reflex

### DRIVERS

6.5" midwoofer, 1.2" dome-tweeter, 0.75" super-tweeter

### POWER HANDLING (RMS/MAX)

110 / 180 watts

### IMPEDANZ

4 – 8 ohms

### FREQUENCY RESPONSE

32 Hz – 53000 Hz

### CROSSOVER FREQUENCIES

2600 Hz/17500 Hz

### RECOMMENDED AMPLIFIER OUTPUT

> 20 watts

### SENSITIVITY

91 dB

### CABINET SURFACE

Front: Piano black / Cabinet: Ash decor black  
Front: Anthracite satin / Cabinet: Ash decor mocca

### DIMENSIONS (WxHxD)

Cabinet: 550 x 205 x 282 mm

### WEIGHT

9.1 kg

### ART.NO. /EAN

Schwarz: 146 230 / 40 18843 46230 1  
Mocca: 146 232 / 40 18843 46232 5



## SIGNATURE SUB 530A

Powered bassreflex subwoofer, front-fire

### DRIVERS

1 x 12" powered subwoofer

### POWER HANDLING (RMS/MAX)

140 / 280 watts

### FREQUENCY RESPONSE

20 - 200 Hz

### CROSSOVER FREQUENCIES

40 - 120 Hz adjustable

### PHASE

0° - 180° adjustable

### CABINET SURFACE

Front: Piano black / Cabinet: Ash decor black  
Front: Anthracite satin / Cabinet: Ash decor mocca

### DIMENSIONS (WxHxD)

Cabinet: 355 x 475 x 420 mm  
Cabinet dimensions incl. amplifier: 355 x 475 x 435 mm

### WEIGHT

17.4 kg

### ART.NO. /EAN

Black: 146 240 / 40 18843 46240 0  
Mocca: 146 242 / 40 18843 46242 4

