



Magnat



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Shadow 102 ATM



Shadow 209



Shadow 207



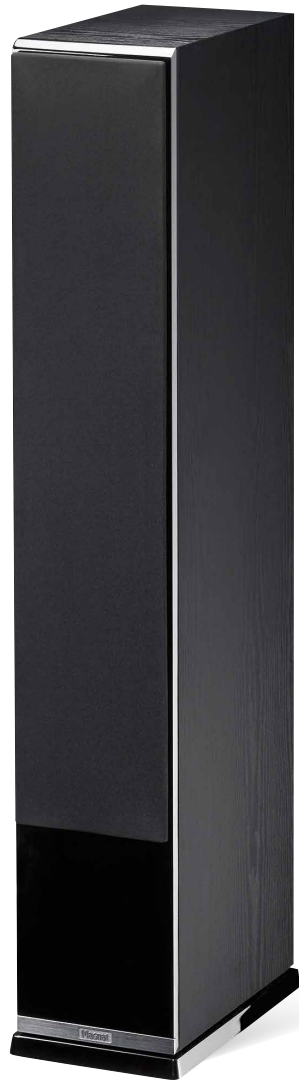
Shadow 203



Shadow Center 213



Shadow Sub 300A



Piano black/Ash black decor



Piano white/white decor



HIGHLIGHTS LOUDSPEAKER

Cabinet:

- Solid low-resonance cabinet construction using E1-MDF panels
- Baffle in high-gloss lacquering
- Detachable fabric grille
- Airflex port with rounded reflex opening to avoid wind noise
- Metal spikes (209, 207) and resonance damping rubber pucks included

Drivers:

- New developed 30 mm fmax tweeter with a particularly wide surround, soundguide in the front plate for optimised dispersion properties and powerful drive for excellent dynamics
- FE-Dynamics woofer and woofer-midrange:
 - Coated paper cone
 - Ventilated voice-coil unit for maximum capacity
 - Non-magnetic, fibre-reinforced ABS basket
 - Klippel®-optimised construction
- Speaker baskets and tweeter flange in high-quality metal look

Crossover:

- Amplitude and phase-optimised crossover with acoustical 24dB filters and high-quality components
- Big Bi-Wiring/Bi-Amping (209, 207, 203) connecting terminal with big screw connectors and gold-plated contacts

CE, RoHS and REACH compliant

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HIGHLIGHTS 102 ATM

Home cinema add-on loudspeaker with Dolby® Atmos certification

- Expanding your home cinema system by the third sound dimension for an enveloping surround experience
- The Shadow 102 ATM can be combined with a large number of home cinema speakers
- Loudspeaker system licensed in accordance with the stringent Dolby® Atmos guidelines
- Coaxial driver specially developed according to the Atmos guidelines



Drivers

- 20 mm tweeter with fabric dome and neodymium drive
- 130 mm woofer-midrange with light, specially-coated paper cone and high-performance voice-coil
- Non-magnetic, fibre-reinforced ABS basket

Cabinet

- Solid and attractive enclosure in console form with baffle and front in gloss lacquer finish
- Detachable fabric grille
- Rubber feet



Crossover

- Phase- and amplitude-optimized crossover
- Connecting terminal with big screw connectors and gold-plated contacts



HIGHLIGHTS SUBWOOFER

Cabinet:

- Sturdy, MDF case with rounded sides and elaborate struts and decorative high-gloss front
- Down-fire construction
- Two generously dimensioned Airflex ports with low flow resistance
- Sturdy feet with large silicon base

Woofers:

- 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



Amplifier:

- Adjustable volume and crossover frequency
- Switchable phase 0°/180°
- Real-time limiter minimises distortions and prevents overloading
- Active frequency response equalization up to 150 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 (115/230 V)
- Power switch



Connector:

- Stereo low level inputs (RCA connections)
- Stereo high level inputs (screw terminals)
- Mains supply

Shadow 209

Piano black/Ash black decor
Piano white/white decor

ART. NO.: 146 4270/EAN: 40 18843 64270 3
ART. NO.: 146 4275/EAN: 40 18843 64275 8

Principle	3 way, bass reflex
Equipment	3 x 6.5" woofer 6.5" midrange 1.2" dome-tweeter
Power Handling (RMS/Max)	220/360 watts
Impedance	4 - 8 ohms
Frequency Response	20 - 48,000 Hz
Crossover Frequencies	280 Hz, 3,000 Hz
Recommended Amplifier Output	from 30 watts
Sensitivity (2.8V/1m)	92 dB
Cabinet surface	Piano black/Ash black decor Piano white/white decor
Dimensions (WxHxD)	190 x 1150 x 350 mm
Weight	22.5 kg

Shadow 207

Piano black/Ash black decor
Piano white/white decor

ART. NO.: 146 4260/EAN: 40 18843 64260 4
ART. NO.: 146 4265/EAN: 40 18843 64265 9

Principle	3 way, bass reflex
Equipment	2 x 6.5" woofer 6.5" midrange 1.2" dome-tweeter
Power Handling (RMS/Max)	180/340 watts
Impedance	4 - 8 ohms
Frequency Response	22 - 48,000 Hz
Crossover Frequencies	280 Hz, 3,000 Hz
Recommended Amplifier Output	from 30 watts
Sensitivity (2.8V/1m)	92 dB
Cabinet surface	Piano black/Ash black decor Piano white/white decor
Dimensions (WxHxD)	190 x 1070 x 350 mm
Weight	19.8 kg

Shadow 203

Piano black/Ash black decor- Pair
Piano white/white decor- Pair

ART. NO.: 146 4240/EAN:40 18843 64240 6
ART. NO.: 146 4245/EAN: 40 18843 64245 1

Principle	2-way, bass reflex
Equipment	6.5" woofer 1.2" dome-tweeter
Power Handling (RMS/Max)	90/160 watts
Impedance	4 - 8 ohms
Frequency Response	32 - 48,000 Hz
Crossover Frequencies	3,000 Hz
Recommended Amplifier Output	from 20 watts
Sensitivity (2.8V/1m)	91 dB
Cabinet surface	Piano black/Ash black decor Piano white/white decor
Dimensions (WxHxD)	190 x 350 x 300 mm
Weight	6.5 kg

Shadow 102 ATM

Piano black/Ash black decor
Piano white/white decor

ART. No.: 146 4236/EAN: 40 18843 64236 9
ART. No.: 146 4238/EAN: 40 18843 64238 3

Principle	2-way closed box
Equipment	1 x 5.25" coaxial speaker
Power Handling (RMS/Max.)	50 / 100 Watts
Impedance	6 Ohms
Frequency Response	50 - 38 000 Hz
Crossover Frequencies	3 300 Hz
Recommended Amplifier Output	20 - 100 Watts
Wirkungsgrad (2.8V/1m)	88 dB
Cabinet surface	Piano black/Ash black decor Piano white/white decor
Dimensions (WxHxD)	190 x 162 x 275 mm
Weight	3.0 kg

Shadow Center 213

Piano black/Ash black decor
Piano white/white decor

ART. NO.: 146 4280/EAN: 40 18843 64280 2
ART. NO.: 146 4285/EAN: 40 18843 64285 7

Principle	2-way, bass reflex
Equipment	2 x 6.5" woofer 1.2" dome-tweeter
Power Handling (RMS/Max)	90/160 watts
Impedance	4 - 8 ohms
Frequency Response	32 - 48,000 Hz
Crossover Frequencies	3,000 Hz
Recommended Amplifier Output	from 20 watts
Sensitivity (2.8V/1m)	91 dB
Cabinet surface	Piano black/Ash black decor Piano white/white decor
Dimensions (WxHxD)	470 x 180 x 270 mm
Weight	8.5 kg

Shadow Sub 300A

Piano black/Ash black decor
Piano white/white decor

ART. NO.: 146 4290/EAN: 40 18843 64290 1
ART. NO.: 146 4295/EAN: 40 18843 64295 6

Principle	Powered bass reflex subwoofer, 'Downfire'
BEquipment	1 x 12" woofer
Power Output (RMS/Max)	160/320 watts
Frequency Response	19 - 200 Hz
Crossover Frequencies	50 - 150 Hz adjustable
Phase	0°/180° switchable
Cabinet surface	Piano black/Ash black decor Piano white/white decor
Dimensions (WxHxD)	345 x 495 x 420 mm
Dimensions incl. amp.	345 x 495 x 455 mm
Weight	19,5 kg