

STAR FLAT

SPEAKERS



STAR FLAT

PRO FLAT TECHNOLOGY

The innovative Pro Flat technology from Mac Audio ensures a particularly low installation depth of no more than 45 mm.



min. 35 mm
max. 45 mm



2.16



2.13



16.2



13.2

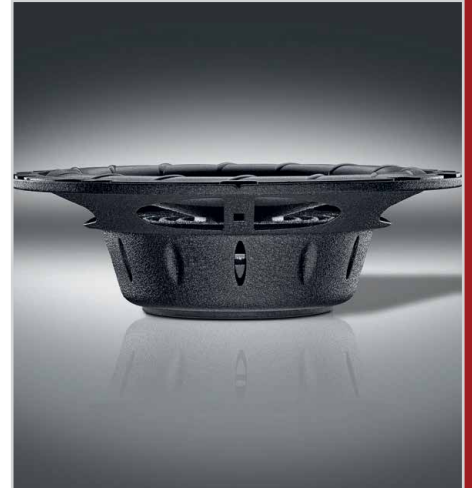


10.2

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STAR FLAT

- Euro Din basket for universal usage
- Low mounting depth due to Pro Flat technology
- Solid steel basket with low-resonance structured coating
- Internal high power ferrite magnet system
- Dynamic foam surround for high efficiency
- Coated Star Flat cellulose cone (woofer)
- 19 mm titanium tweeter dome (2.16, 2.13)
- Titanium-coated polycarbonate (tweeter) (16.2, 13.2, 10.2)
- Multi-part protection grille including diamond cut logo and black-rubber coating
- Separate 12 dB crossover (2.16, 2.13)



STAR FLAT 2.16

Configuration	2 way compo system
Power Handling	100 / 300 Watts
Impedance	4 Ohms
Frequency Response	32 – 28000 Hz
Crossover Frequencies	3400 Hz
Sound pressure level	91 dB
DIN-Ø	Woofer: 165 mm / Tweeter: 19 mm
Outer diameter	Woofer: 196 mm / Tweeter: 40 mm
Cutting out	Woofer: 143 mm / Tweeter: 46 mm
Mounting depth	Woofer: 45 mm / Tweeter: 20 mm
Mounting hight	Woofer: 19 mm / Tweeter: 20 mm
Membran Material	Woofer: coated cellulose cone / Tweeter: Titanium dome

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STAR FLAT 2.13

Configuration	2 way compo system
Power Handling	80 / 280 Watts
Impedance	4 Ohms
Frequency Response	34 – 28000 Hz
Crossover Frequencies	3400 Hz
Sound pressure level	90 dB
DIN-Ø	Woofer: 130 mm / Tweeter: 19 mm
Outer diameter	Woofer: 176 mm / Tweeter: 40 mm
Cutting out	Woofer: 118 mm / Tweeter: 46 mm
Mounting depth	Woofer: 42 mm / Tweeter: 20 mm
Mounting hight	Woofer: 21 mm / Tweeter: 20 mm
Membran Material	Woofer: coated cellulose cone / Tweeter: Titanium dome

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STAR FLAT 16.2

Configuration	2 way coax system
Power Handling	80 / 280 watts
Impedance	4 Ohms
Frequency Response	32 – 28000 Hz
Crossover Frequencies	3400 Hz
Sound pressure level	91 dB
DIN-Ø	Woofers: 165 mm
Outer diameter	Woofers: 196 mm
Cutting out	Woofers: 143 mm
Mounting depth	Woofers: 45 mm
Mounting height	Woofers: 19 mm
Membran Material	Woofers: coated cellulose cone / Tweeters: Titanium coated polycarbonate

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STAR FLAT 13.2

Configuration	2 way coax system
Power Handling	70 / 250 Watts
Impedance	4 Ohms
Frequency Response	36 – 28000 Hz
Crossover Frequencies	3400 Hz
Sound pressure level	90 dB
DIN-Ø	Woofers: 130 mm
Outer diameter	Woofers: 176 mm
Cutting out	Woofers: 118 mm
Mounting depth	Woofers: 42 mm
Mounting height	Woofers: 21 mm
Membran Material	Woofers: coated cellulose cone / Tweeter: Titanium coated polycarbonate

SPEAKERS

STAR FLAT 10.2

Configuration	2 way coax system
Power Handling	60 / 200 Watts
Impedance	4 Ohms
Frequency Response	38 – 28000 Hz
Crossover Frequencies	3400 Hz
Sound pressure level	89 dB
DIN-Ø	Woofer: 100 mm
Outer diameter	Woofer: 148 mm
Cutting out	Woofer: 94 mm
Mounting depth	Woofer: 35 mm
Mounting height	Woofer: 17 mm
Membran Material	Woofer: coated cellulose cone / Tweeter: Titanium coated polycarbonate

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