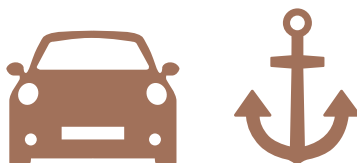
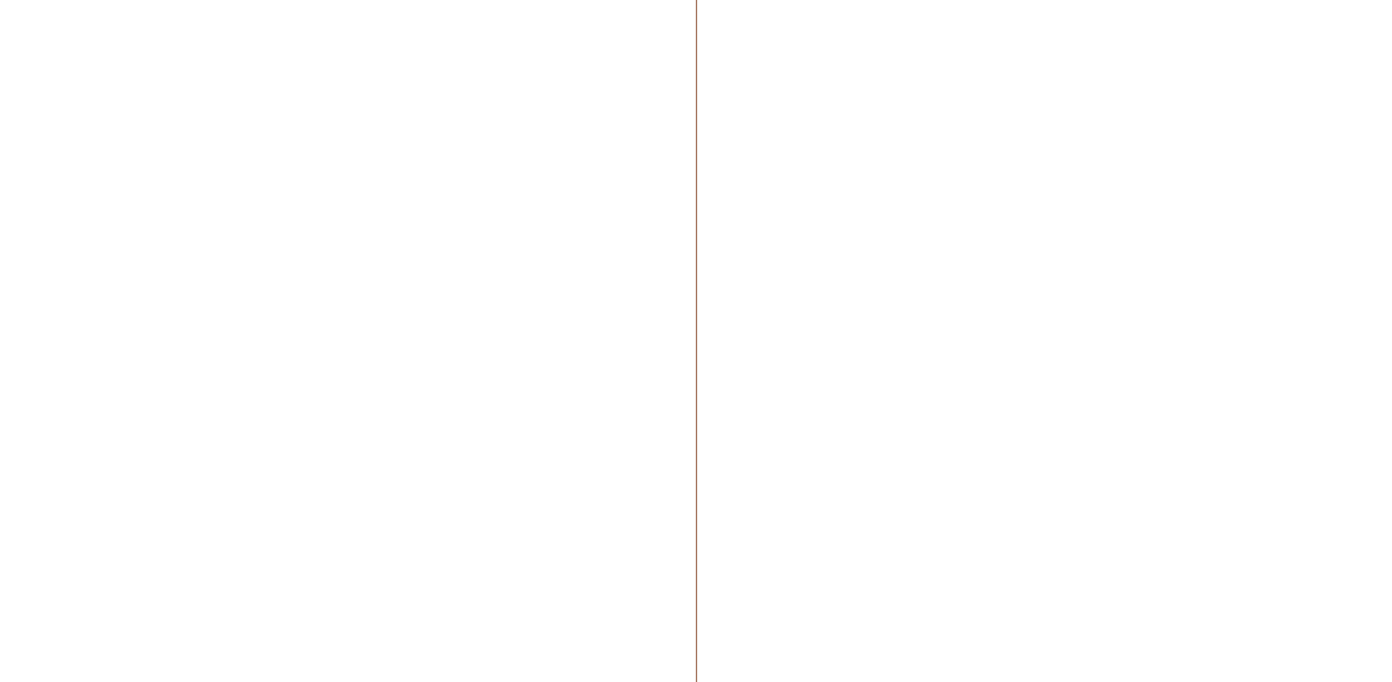


MOTORITIES COLLECTION

2024



ON-BOARD SYSTEMS



For more than four decades, Focal has created speaker drivers and high-end loudspeakers that deliver a unique sound. Our brand values are innovation and performance; excellence and pleasure. We are globally renowned for our exclusive technologies. The result of this technological heritage is class-leading products offering a natural, authentic performance, imbued with clarity and power.

With our Motorities Collection, we invite you to combine the pleasure of driving with the pleasure of pure sound.

All aboard for some exceptional listening experiences.

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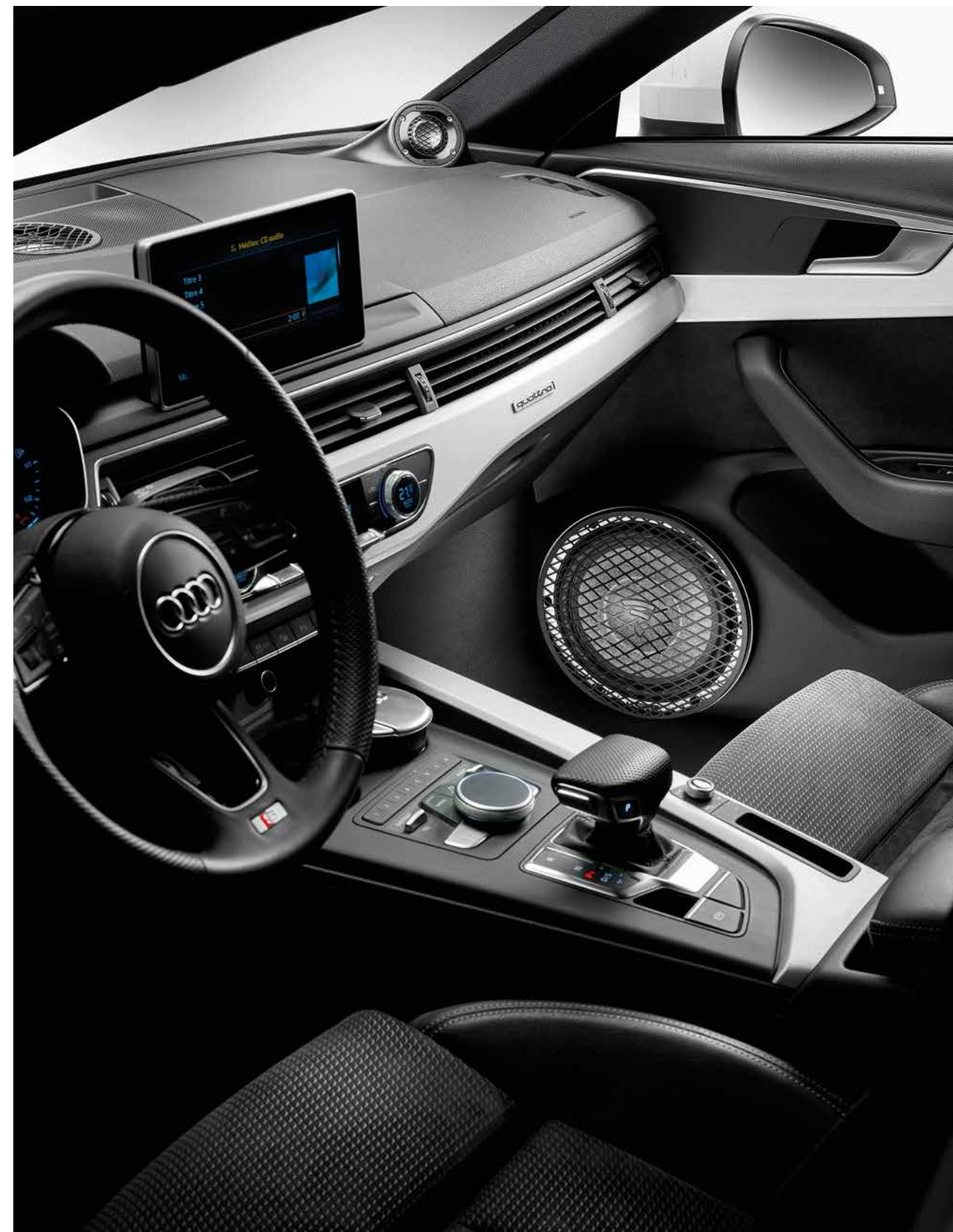


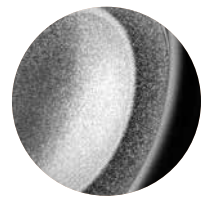
11.
ACCESSORIES
& ELECTRONICS
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01. UTOPIA M

Simply excellent

The quintessence of Focal expertise and cutting-edge technology, the Utopia M product line takes sound excellence to a whole new level. The specially designed chassis is a subtle mix of tradition, performance and elegance in true French style. By choosing each speaker driver in the range based on your vehicle and your needs, you can build your own audio system for a fully bespoke set-up.





'M'-profile
'W' sandwich cone



Designer
bowl



TMD®
surround



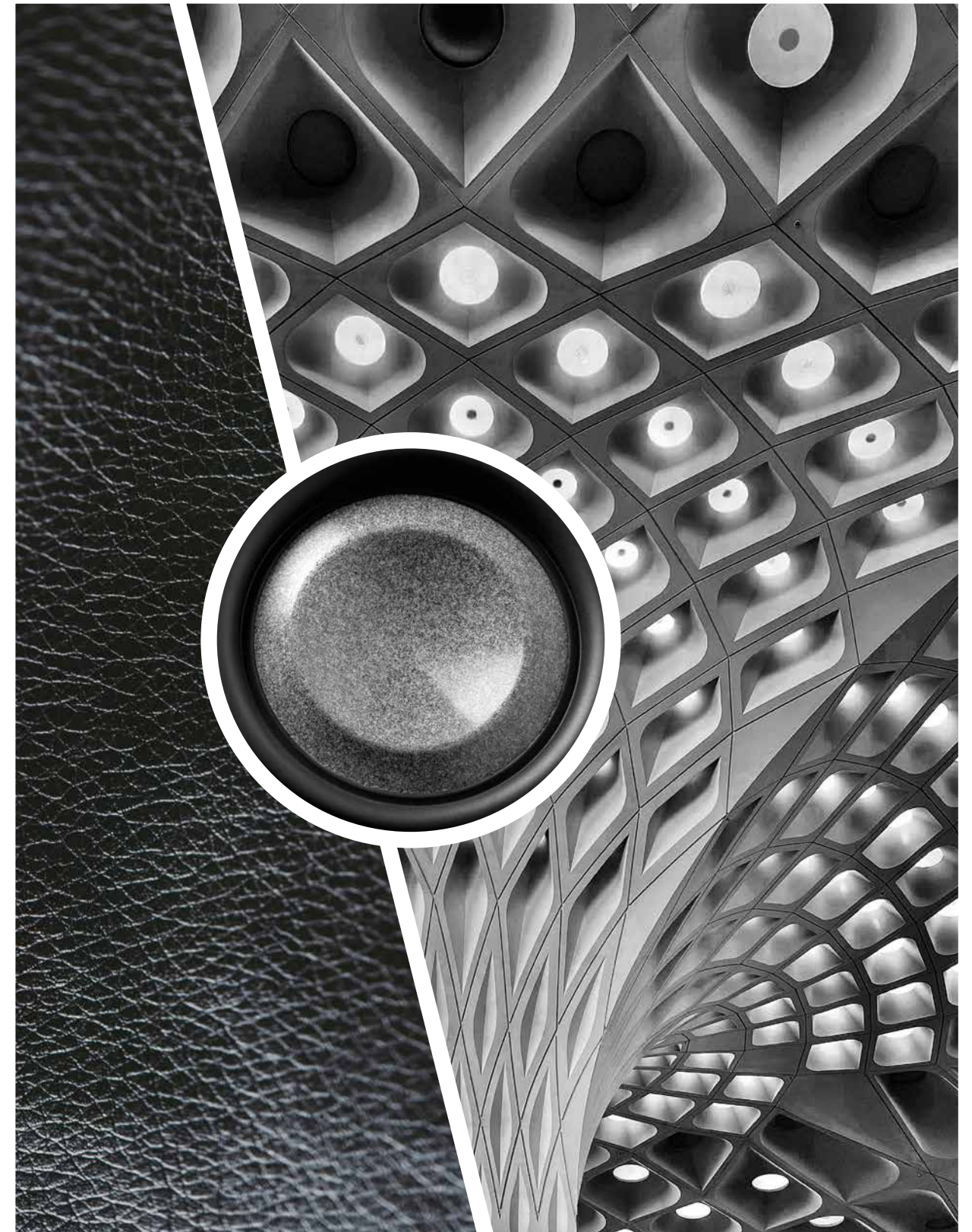
Neodymium
magnet



'M'-shaped pure
Beryllium tweeter



French
manufacturing





	TBM	3.5WM	6 WM	8 WM
Type	Tweeter	Midrange	Woofer	Woofer
Diameter	-	3½" (87.5mm)	6½" (165mm)	8" (200mm)
Cone	'M'-shaped pure Beryllium dome	'M'-profile 'W'	'M'-profile 'W'	'M'-profile 'W'
Surround technology	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)
Magnet	Neodymium	Neodymium	Neodymium	Neodymium
Mounting depth	⅝" (9mm)	1¼" (31mm)	2" (51.5mm)	2⅙" (52mm)
Voice coil diameter	1" (25m)	1¾" (45mm)	3⅛" (80mm)	3⅞" (80mm)
Impedance	4Ω	4Ω	4Ω	4Ω
Max. power	200W	100W	200W	200W
Nom. power	20W RMS	50W RMS	100W RMS	100W RMS
Sensitivity (2.83 V/1 m)	95dB	88dB	91.5dB	91.8dB
Frequency response	1,5kHz - 50kHz	200Hz - 10kHz	60Hz - 6kHz	45Hz - 5kHz
Suggested load volume	-	-	-	-
Accessories	Supplied mounting brackets	Optional grille	Optional grille	Optional grille



10WM
Subwoofer
10" (250mm)
'M'-profile 'W'
-
Neodymium
4¼" (108mm)
Dual voice coil 4¾" (120mm)
2 x 4Ω
800W
400W RMS
87.5dB
25Hz - 800Hz
Sealed enclosure: 0.35 to 0.52 cu ft
-



UTOPIA 165 W-XP	
Type	2-way component kit
Diameter	6½" (165mm)
Cone	'W' sandwich
Surround technology	Tuned Mass Damper (TMD®)
Motor	Ferrite
Mounting depth	2⅙" (74mm)
Voice coil diameter	1¼" (32mm)
Tweeter	'M'-shaped pure Beryllium dome
Crossover	Separated: 12/18dB bi-amp
Adjustable tweeter level	+3; 0; -3dB/oct
Impedance	2Ω
Max. power	200W
Nom. power	100W RMS
Sensitivity (2.83 V/1 m)	93dB
Frequency response	60Hz - 40kHz
Accessories	Grilles included



3½" GRILLE

Optional 'M' profile aluminium ring



6" GRILLE

Optional 'M' profile aluminium ring



8" GRILLE

Optional 'M' profile aluminium ring

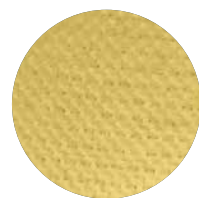
02.

K2 POWER M

Power with style

Iconic K2 cone, 'M'-profile, TMD® surround, etc... Focal has combined several of its finest technologies to create K2 Power M. These speaker drivers are characterised by power, precision and compact design, offering unparalleled musicality and pure high-fidelity in-car sound. The brand new FRAK tweeter brings unprecedented dynamics to your installation; it combines perfectly with the other products from the range for a unique sonic experience and 'à la carte' installation.





'M'-profile
K2 cone



French
manufacturing



TMD®
surround



Neodymium
magnet



FRAK
Tweeter



'M'-shaped
grille



			
			
	FRAK	3 KM	6.5 KM
Type	Tweeter	Medium	Woofer
Diameter	1¼" (32mm)	3" (80mm)	6½" (165mm)
Cone	'M'-shaped Aluminium-Magnesium	'M'-profile K2 sandwich	'M'-profile K2 sandwich
Surround technology	Tuned Mass Damper (TMD*)	Tuned Mass Damper (TMD*)	Tuned Mass Damper (TMD*)
Magnet	Neodymium	Neodymium	Ferrite
Mounting depth	¾" (19.5mm)	1½" (27.3mm)	2½" (54mm)
Voice coil diameter	1" (25mm)	1⅝" (35mm)	2⅝" (60mm)
Impedance	4Ω	4Ω	4Ω
Max. power	150W	120W	240W
Nom. power	25W RMS	60W RMS	120W RMS
Sensitivity (2.83 V/1 m)	91dB	89dB	92.5dB
Frequency response	600Hz - 32kHz	200Hz - 9kHz	50Hz - 5kHz
Suggested load volume	-	-	-
Accessories	Mounting accessories and grilles included	Optional grille	Optional grille



SUB 5 KM
Subwoofer
5" (145mm)
'M'-profile K2 sandwich
Catenary profile
Ferrite
2⅝" (69mm)
2⅝" (60mm)
4Ω
400W
200W RMS
86dB
35Hz - 250Hz
4l / 41Hz (sealed) 6l / 39Hz (sealed)
Optional grille



3" GRILLE

Optional
'M' profile
aluminium ring



5" GRILLE

Optional
'M' profile
aluminium ring



6½" GRILLE

Optional
'M' profile
aluminium ring

03.

K2 POWER

K2-sized emotions

An iconic line with its aramid fibre cone, K2 Power is the definition of performance, power and style. Over the years, we have preserved this precious K2 DNA, whilst integrating our latest innovations into the kits, so we can continue to deliver the best. Developments include: super shallow depth kits, making them highly compact without losing energy and kits fitted with the FRAK tweeter to give your system unprecedented dynamics.





K2
cone



French
manufacturing



TMD®
surround



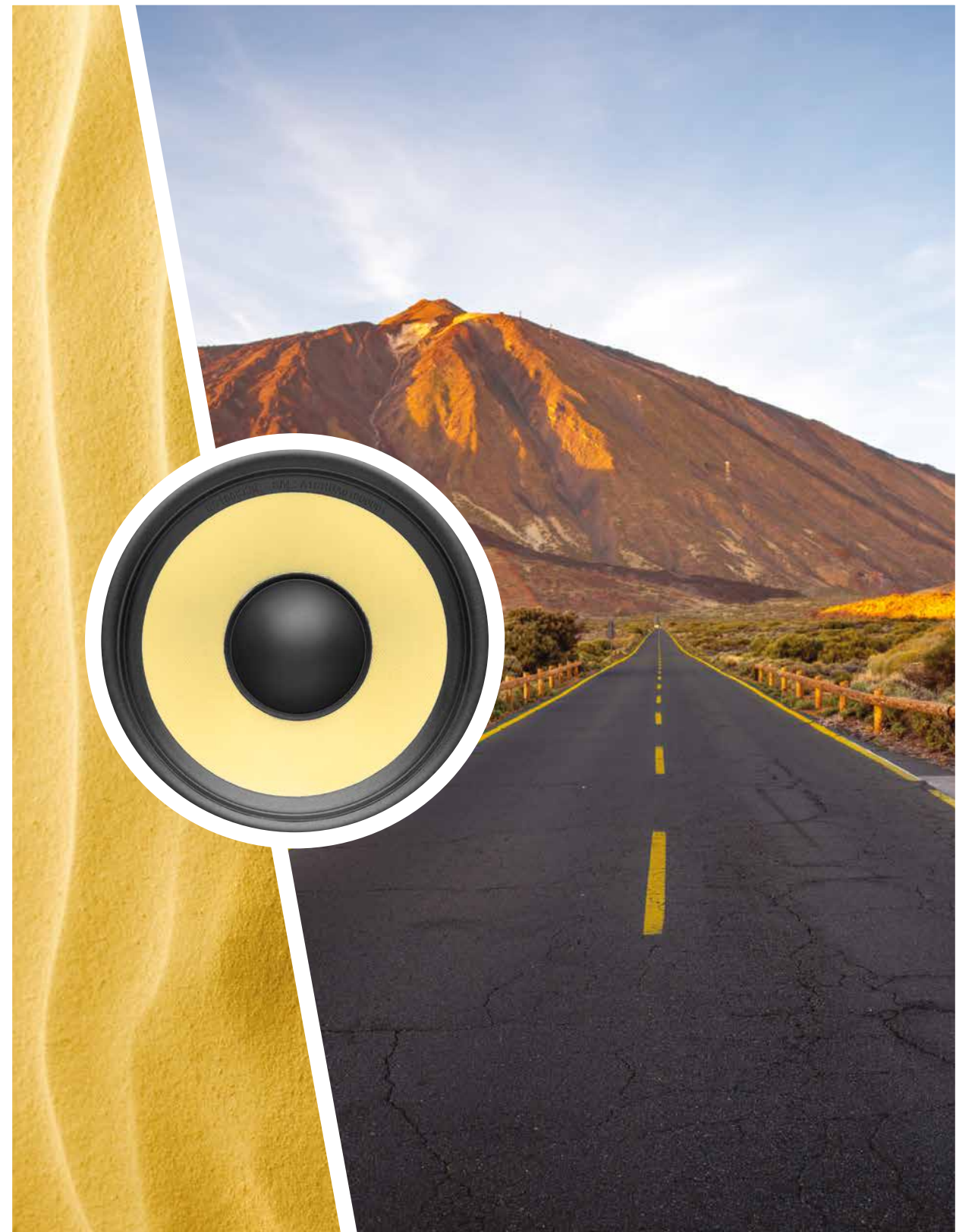
Ventilated
magnet



FRAK
tweeter



'M'-shaped
K2 tweeter





EC 165 KE



ES 100 KE



ES 165 K2E

Type	2-way coaxial kit	2-way component kit	2-way component kit
Diameter	6½" (165mm)	4" (100mm)	6½" (165mm)
Cone	K2 sandwich	K2 sandwich	K2 sandwich
Surround technology	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)
Magnet	Ferrite	Neodymium	Ferrite
Mounting depth	2¹⁵⁄₁₆" (74mm)	1½" (39mm)	2¹⁵⁄₁₆" (74mm)
Voice coil diameter	1" (25mm)	¾" (20mm)	1¼" (32mm)
Tweeter	Coaxial K2 sandwich 'M'-shaped	K2 sandwich 'M'-shaped	K2 sandwich 'M'-shaped
Crossover	Integrated	12/12dB (3.5kHz)	6-12/12dB (3.5kHz)
Adjustable tweeter level	-	+3/0/-3dB	+3/0/-3dB
Impedance	4Ω	4Ω	2Ω
Max. power	160W	120W	200W
Nom. power	80W RMS	60W RMS	100W RMS
Sensitivity (2.83 V/1 m)	93dB	90dB	93dB
Frequency response	60Hz - 22kHz	110Hz - 22kHz	60Hz - 22kHz
Accessories	Grilles included	Grilles included	Grilles included



ES 165 K2S



ES 165 KE

2-way component kit	2-way component kit
6½" (165mm)	6½" (165mm)
K2 sandwich	K2 sandwich
Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)
Ferrite	Ferrite
2¼" (58mm)	2¹⁵⁄₁₆" (74mm)
1¼" (32.5mm)	1¼" (32mm)
K2 sandwich 'M'-shaped	K2 sandwich 'M'-shaped
6-12/12dB (3kHz)	6-12/12dB (3kHz)
+3/0/-3dB	+3/0/-3dB
2Ω	4Ω
140W	200W
70W RMS	100W RMS
88dB	91dB
60Hz - 22kHz	60Hz - 22kHz
Grilles included	Grilles included



ES 165 KX2E		ES 165 KX3E	
Type	2-way component kit	3-way component kit	
Diameter	6½" (165mm)	Woofer: 6½" (165mm) Midrange: 4" (100mm)	
Cone	K2 sandwich	K2 sandwich	
Surround technology	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)	
Magnet	Ferrite	Woofer: Ferrite Midrange: Neodymium	
Mounting depth	3" (76mm)	Woofer: 3" (76mm) Midrange: 1⅞" (33.5mm)	
Voice coil diameter	2" (40mm)	Woofer: 2" (40mm) Midrange: 1" (20mm)	
Tweeter	FRAK : 'M'-shaped Aluminium-Magnesium	FRAK : 'M'-shaped Aluminium-Magnesium	
Crossover	6-12/12-18dB (3kHz)	6-12/12/12dB (3/4/500/3/5kHz)	
Adjustable tweeter level	+3/0/-3dB	+3/0/-3dB	
Impedance	2Ω	4Ω	
Max. power	240W	Woofer: 240W Midrange: 100W	
Nom. power	120W RMS	Woofer: 120W RMS Midrange: 50W RMS	
Sensitivity (2.83 V/1 m)	92.5dB	Woofer: 93dB Midrange: 88dB	
Frequency response	55Hz - 32kHz	45Hz - 32kHz	
Suggested load volume	-	-	
Accessories	Grilles included	Grilles included	



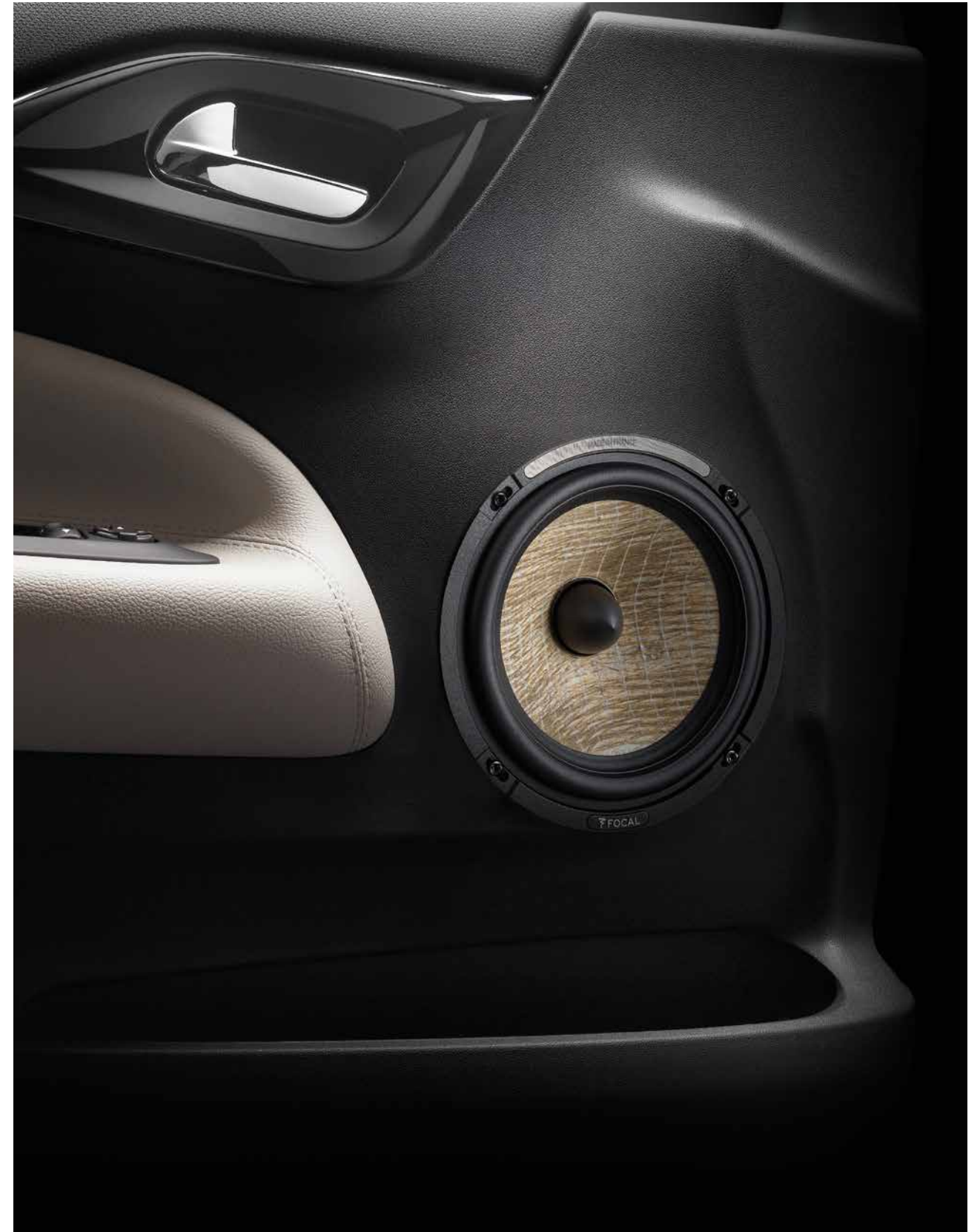
SUB 25 KXE	SUB 25 KXS	SUB 30 KXE
Subwoofer	Subwoofer	Subwoofer
10" (250mm)	10" (250mm)	12" (300mm)
K2 sandwich	K2 sandwich	K2 sandwich
Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)
Ferrite	Ferrite	Ferrite
6¾" (172mm)	3¾" (94.5mm)	6¾" (172mm)
2½" (65mm)	1¾" (45mm)	2½" (65mm)
-	-	-
-	-	-
-	-	-
2x4Ω	4Ω	2x4Ω
1,200W	700W	1,600W
600W RMS	350W RMS	800W RMS
84.5 dB	84.5dB	86.5dB
25Hz - 500Hz	25Hz - 500Hz	25Hz - 500Hz
Sealed enclosure: 0.6 to 0.77cu ft Bass-reflex: 0.77 to 1.23cu ft	Sealed enclosure: 0.56 to 0.7cu ft	Sealed enclosure: 0.99 to 1.23cu ft Bass-reflex: 0.99 to 1.76cu ft
-	-	-

04.

FLAX EVO

The perfect balance

With its French flax cone - a patented Focal exclusive technology - Flax Evo embodies the search for acoustic quality combined with sleek aesthetics. Sound definition, a natural midrange and deep bass are what characterise this unique range. The speaker drivers can handle high-performance amplification and can be therefore combined with any product from the Focal electronics range to provide you with a pure listening experience whilst on the go.





Flax
cone



French
manufacturing



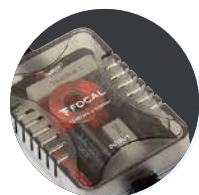
TMD®
surround



Ferrite
magnet



TAM®
tweeter



Audiophile
crossover





PC 165 FE



PS 130 FE



PS 165 FE

Type	2-way coaxial kit	2-way component kit	2-way component kit
Diameter	6½" (165mm)	5" (130mm)	6½" (165mm)
Cone	Flax sandwich	Flax sandwich	Flax sandwich
Surround technology	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)
Magnet	Ferrite	Ferrite	Ferrite
Mounting depth	2⅞" (72.7mm)	2⅜" (59.7mm)	2⅞" (72.7mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Coaxial 'M'-shaped	TAM : 'M'-shaped Aluminium/Magnesium	TAM : 'M'-shaped Aluminium/Magnesium
Crossover	Integrated: 6dB/oct	Separated: 12/12dB/oct	Separated: 12/12dB/oct
Adjustable tweeter level	0/-3dB	0/-3dB	0/-3dB
Impedance	4Ω	4Ω	4Ω
Max. power	140W	120W	140W
Nom. power	70W RMS	60W RMS	70W RMS
Sensitivity (2.83 V/1 m)	90dB	90.5dB	91.5dB
Frequency response	60Hz - 28kHz	75Hz - 28kHz	60Hz - 28kHz
Accessories	Mounting accessories, screws	Mounting accessories, screws	Mounting accessories, screws



PS 165 FSE



PS 165 FXE



PS 165 F3E

2-way component kit	2-way component kit	3-way component kit
6½" (165mm)	6½" (165mm)	Woofer: 6½" (165mm) Midrange: 3⅞" (80mm)
Flax sandwich	Flax sandwich	Flax sandwich
Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)
Ferrite	Ferrite	Ferrite
2⅞" (54.5mm)	3" (77mm)	Woofer: 2⅞" (72.7mm) Midrange: 1⅝" (33.5mm)
1¼" (32mm)	1¼" (32mm)	Woofer: 1¼" (32mm) Midrange: 1" (25mm)
TAM : 'M'-shaped Aluminium/Magnesium	TAM : 'M'-shaped Aluminium/Magnesium	TAM : 'M'-shaped Aluminium/Magnesium
Separated: 12/12dB/oct	Bi-amp separated: 12-18dB/oct	Separated: 12/12-18dB/oct
0/-3dB	0/-3dB	0/-3dB
4Ω	4Ω	4Ω
120W	160W	160W
60W RMS	80W RMS	80W RMS
91.5dB	90.5dB	90.5dB
70Hz - 28kHz	55Hz - 28kHz	60Hz - 28kHz
Mounting accessories, screws	Mounting accessories, screws	Mounting accessories, screws



P 20 FE



P 20 FSE

Type	Sealed box and bass-reflex subwoofer	Shallow sealed box subwoofer
Diameter	8" (20cm)	8" (20cm)
Cone	Flax sandwich	Flax sandwich
Magnet	Dual ferrite	Ferrite
Surround technology	4⅝" (117mm)	3" (76mm)
Voice coil diameter	1½" (38mm)	1½" (38mm)
Impedance	4Ω	4Ω
Max. power	500W	400W
Nom. power	250W RMS	200W RMS
Sensitivity (2.83 V/1 m)	82.5dB	86dB
Frequency response	39Hz - 500Hz	41Hz - 400Hz
Suggested load volume	Sealed enclosure: 0.35 to 0.52 cu ft Bass-reflex: 0.35 to 0.71 cu ft	Sealed enclosure: 0.21 to 0.32 cu ft



P 25 FE



P 25 FSE



P 30 FSE

Sealed box and bass-reflex subwoofer	Shallow sealed box subwoofer	Shallow sealed box subwoofer
10" (25cm)	10" (25cm)	12" (30cm)
Flax sandwich	Flax sandwich	Flax sandwich
Dual ferrite	Ferrite	Ferrite
5⅞" (140.6mm)	3" (76mm)	4¼" (108.5mm)
2" (50mm)	1½" (38mm)	1½" (38mm)
4Ω	4Ω	4Ω
600W	560W	600W
300W RMS	280W RMS	300W RMS
85dB	86dB	89dB
33Hz - 500Hz	41Hz - 400Hz	38Hz - 350Hz
Sealed enclosure: 0.35 to 0.88 cu ft Bass-reflex: 0.88 to 1.23 cu ft	Sealed enclosure: 0.42 to 0.64 cu ft	Sealed enclosure: 0.64 to 0.88 cu ft

05.

SLATEFIBER

Performance personified

Versatile, accessible and high-performance, the Slatefiber line turns heads for its uncompromising efficiency. The two products are high sensitivity, so they can be connected to the vehicle's original system or to an amplifier. What's more, you get meticulous French manufacturing, an exclusive Slatefiber cone, sleek design, flexible installation options and standard kit sizes to fit a wide range of vehicles.

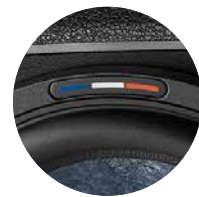




Slatefiber
cone



Rotor effect
basket



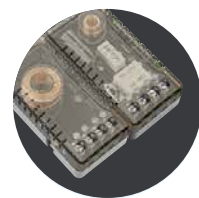
French
manufacturing



Ferrite
magnet



Aluminium-Magnesium
tweeter



Separable
crossovers





PC 165 SF

Type	2-way coaxial kit	2-way component kit
Diameter	6½" (165mm)	6½" (165mm)
Cone	Slatefiber	Slatefiber
Surround technology	Butyl	Butyl
Magnet	Ferrite	Ferrite
Mounting depth	2¾" (70mm)	2¾" (70mm)
Voice coil diameter	1" (25mm)	1" (25mm)
Tweeter	Aluminium-Magnesium inverted dome	Aluminium-Magnesium inverted dome
Crossover	Integrated	Separable crossover: 12dB/oct
Adjustable tweeter level	-	+3/0/-3dB
Impedance	4Ω	4Ω
Max. power	160W	160W
Nom. power	80W RMS	80W RMS
Sensitivity (2.83V/1m)	91dB	91dB
Frequency response	60Hz - 21kHz	60Hz - 21kHz
Accessories	Mounting accessories, screws	Mounting accessories, screws



PS 165 SF



06.

POLYGLASS LAST EDITION

A winning combination

Forget your current system and treat yourself to a rejuvenated sound experience with our Polyglass Last Edition kits that combine power, durability and compactness. This line has never stopped improving across the board, from concept to design. For boosted bass, complete your system with a Focal subwoofer, choosing the format and size that best meet the needs of your system.





Polyglass
cone



Aluminium
chassis



Butyl
surround



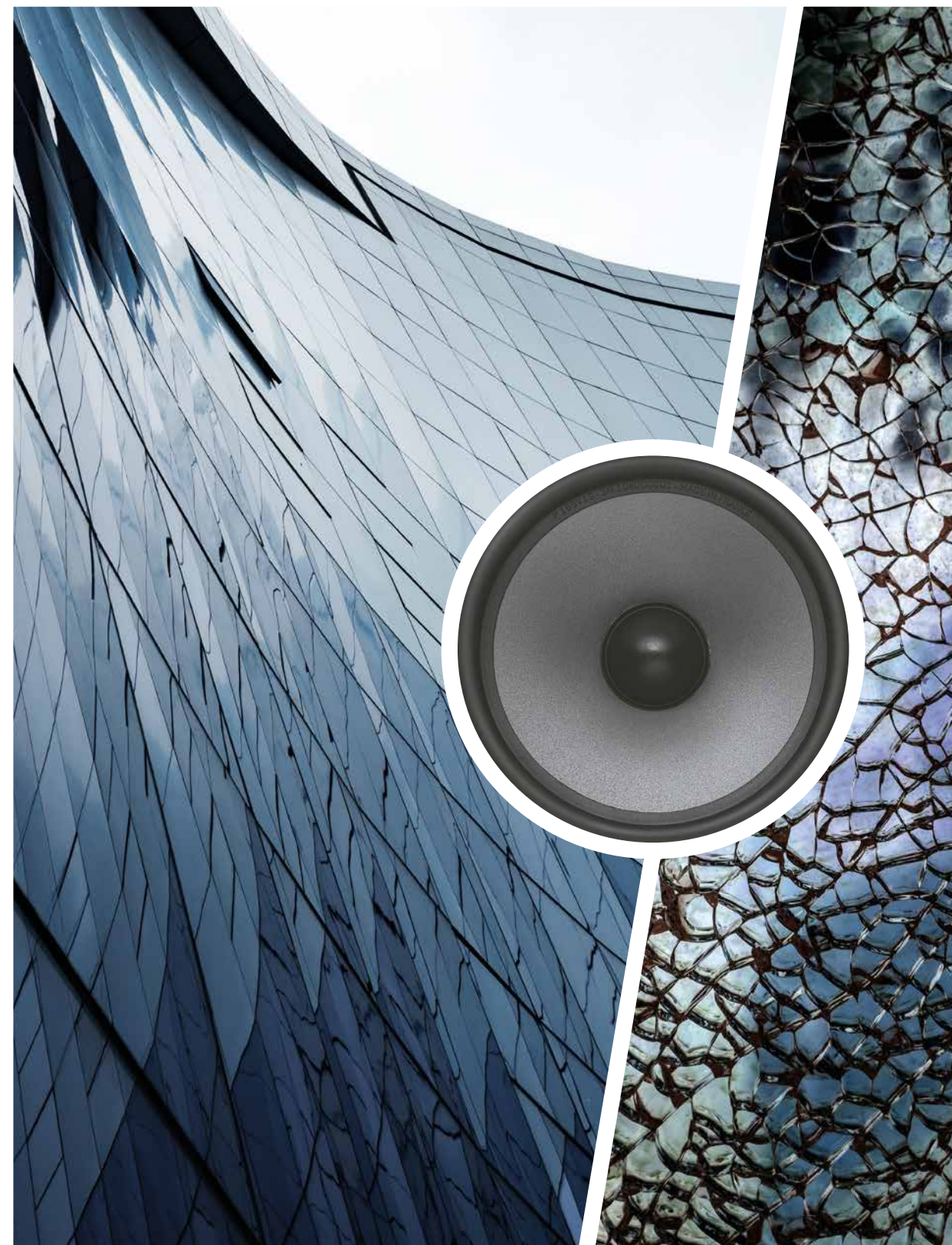
Separable
crossovers



Aluminium
tweeter



Diamond
cutting





PC 165 LAST EDITION



PS 165 LAST EDITION

Type	2-way coaxial kit	2-way component kit
Diameter	6½" (165mm)	6½" (165mm)
Cone	Polyglass	Polyglass
Magnet	Ferrite	Ferrite
Mounting depth	2⅞" (65.5mm)	2⅞" (65.5mm)
Voice coil diameter	1" (25mm)	1" (25mm)
Tweeter	TNP Aluminium inverted dome	TNP Aluminium inverted dome
Crossover	Integrated: 6dB/oct	Separated: 6/12dB/oct
Adjustable tweeter level	-	+3/0/-3dB
Impedance	4Ω	4Ω
Max. power	160W	160W
Nom. power	80W RMS	80W RMS
Sensitivity (2.83 V/1 m)	92.5dB	92.5dB
Frequency response	60Hz - 20kHz	60Hz - 20kHz
Accessories	Grilles included	Grilles included

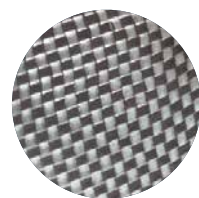


07. ACCESS

Accessible Focal technology

Access invites all drivers to experience Focal innovation and quality. With its assured style and technical prowess, this line is dedicated to performance. Power handling, plunging depth of bass and razor sharp acoustics are the common denominators of the Access philosophy: we guarantee you the full Focal technology experience inside your car and a rejuvenated listening adventure.





DFS®
cone



Reinforced ABS
bowl



Butyl
surround



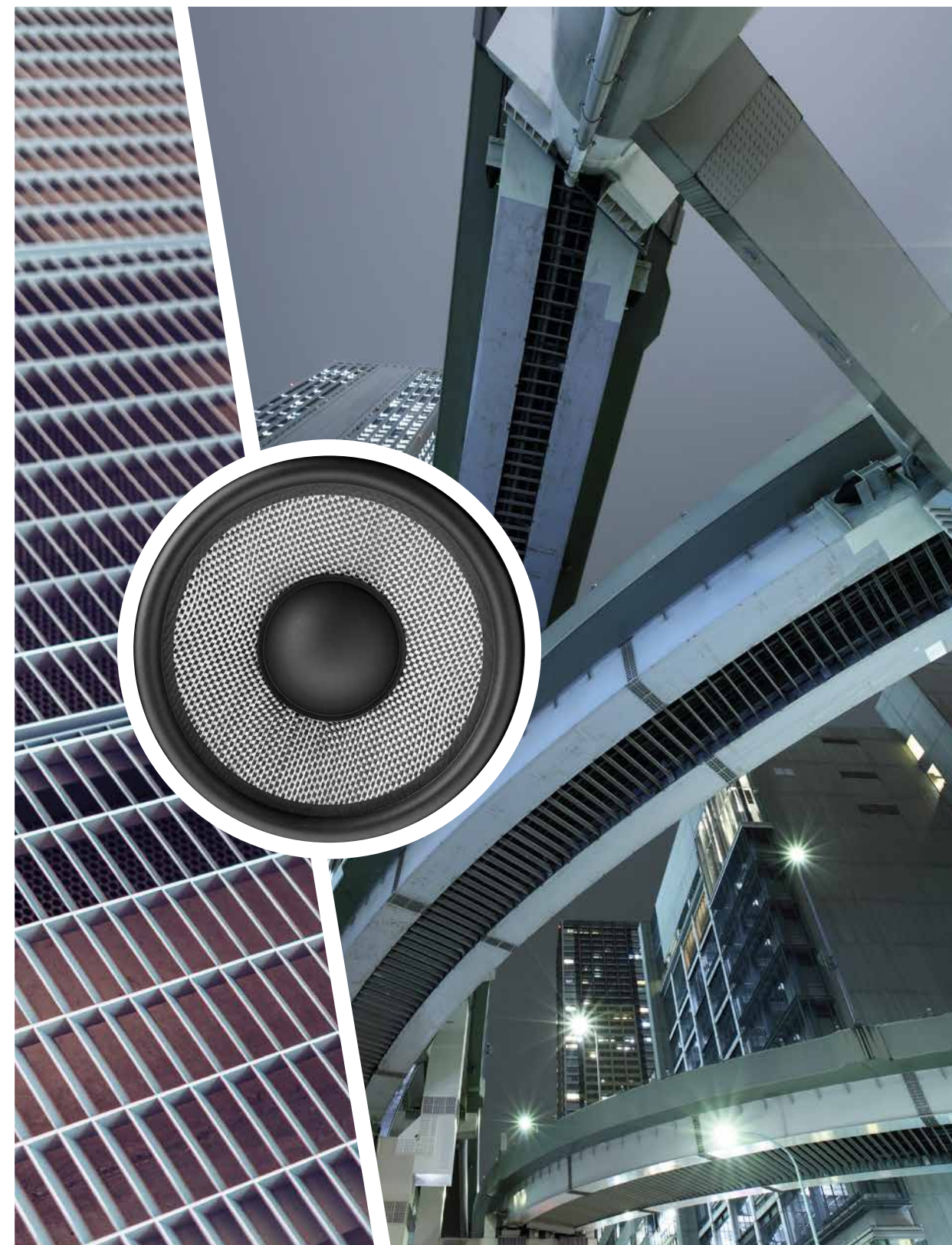
Adjustable
tweeter level



Aluminium
tweeter



Curved
grilles





	100 AC	130 AC	165 AC
Type	2-way coaxial kit	2-way coaxial kit	2-way coaxial kit
Diameter	4" (100mm)	5" (130mm)	6½" (165mm)
Cone	DFS®	DFS®	DFS®
Magnet	Ferrite	Ferrite	Ferrite
Mounting depth	2⅞" (52.2mm)	2⅞" (54.7mm)	2½" (62.9mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Rotating Aluminium inverted dome	Rotating Aluminium inverted dome	Rotating Aluminium inverted dome
Crossover	Integrated: 6dB/oct	Integrated: 6dB/oct	Integrated: 6dB/oct
Impedance	4Ω	4Ω	4Ω
Max. power	80W	100W	120W
Nom. power	40W RMS	50W RMS	60W RMS
Sensitivity (2.83 V/1 m)	87.2dB	89.3dB	91dB
Frequency response	70Hz - 20kHz	70Hz - 20kHz	60Hz - 20kHz
Accessories	Grilles included	Grilles included	Grilles included



	570 AC	690 AC
Type	2-way coaxial kit	2-way coaxial kit
Diameter	5 x 7" (130 x 180 mm)	6 x 9" (164 x 235mm)
Cone	DFS®	DFS®
Magnet	Ferrite	Ferrite
Mounting depth	2⅞" (59.5mm)	1⅞" (30mm)
Voice coil diameter	1" (25mm)	1⅞" (30mm)
Tweeter	Rotating Aluminium inverted dome	Rotating Aluminium inverted dome
Crossover	Integrated: 6dB/oct	Integrated: 6dB/oct
Impedance	4Ω	4Ω
Max. power	120W	150W
Nom. power	60W RMS	75W RMS
Sensitivity	92.8dB	91.3dB
Frequency response	65Hz - 20kHz	50Hz - 20kHz
Accessories	Without grille	Grilles included



	130 AS	165 AS	165 AS3
Type	2-way component kit	2-way component kit	3-way component kit
Diameter	5" (130mm)	6½" (165mm)	Woofer : 6½" (165mm) Midrange : 3⅞" (80mm)
Cone	DFS®	DFS®	DFS®
Magnet	Ferrite	Ferrite	Ferrite
Mounting depth	2⅞" (54.7mm)	2½" (62.9mm)	Woofer : 2½" (62.9mm) Midrange : 1⅞" (42.5mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Aluminium inverted dome	Aluminium inverted dome	Aluminium inverted dome
Crossover	Separated: 12/12dB/oct (5kHz)	Separated: 12/12dB/oct (5kHz)	Separated: 6/12dB/oct (5kHz)
Adjustable tweeter level	+3; 0; -3dB/oct	+3; 0; -3dB/oct	+3; 0; -3dB/oct
Impedance	4Ω	4Ω	4Ω
Max. power	100W	120W	160W
Nom. power	50W RMS	60W RMS	80W RMS
Sensitivity (2.83 V/1 m)	90dB	91.3dB	90dB
Frequency response	65Hz - 20kHz	60Hz - 20kHz	55Hz - 20kHz
Suggested load volume	-	-	-
Accessories	Grilles included	Grilles included	Grilles included



25 A4	30 A4
Subwoofer	Subwoofer
10" (250mm)	12" (300mm)
DFS®	DFS®
4¾" (120mm)	4¾" (120mm)
5" (126.6mm)	5¾" (146.5mm)
Simple voice coil: 2" (50mm)	Simple voice coil: 2" (50mm)
-	-
-	-
-	-
4Ω	4Ω
400W	500W
200W RMS	250W RMS
85dB	87dB
36Hz - 500Hz	32Hz - 500Hz
Sealed enclosure: 0.52 to 0.88 cu ft Bass-reflex: 0.71 to 1.23 cu ft	Sealed enclosure: 0.71 to 1.06 cu ft Bass-reflex: 0.88 to 1.23 cu ft
-	-

08.

UNIVERSAL

Optimal compatibility

Enjoy the Universal line's rich sound without altering the aesthetics of your car. Special attention was paid to design and dimensions during the development stages of these products, to ensure optimal compatibility with as many different vehicles as possible. Their compactness, shallow depth and divisible fastenings make them quick and easy to fit.





Polyglass
cone



Compact
size



Butyl
surround



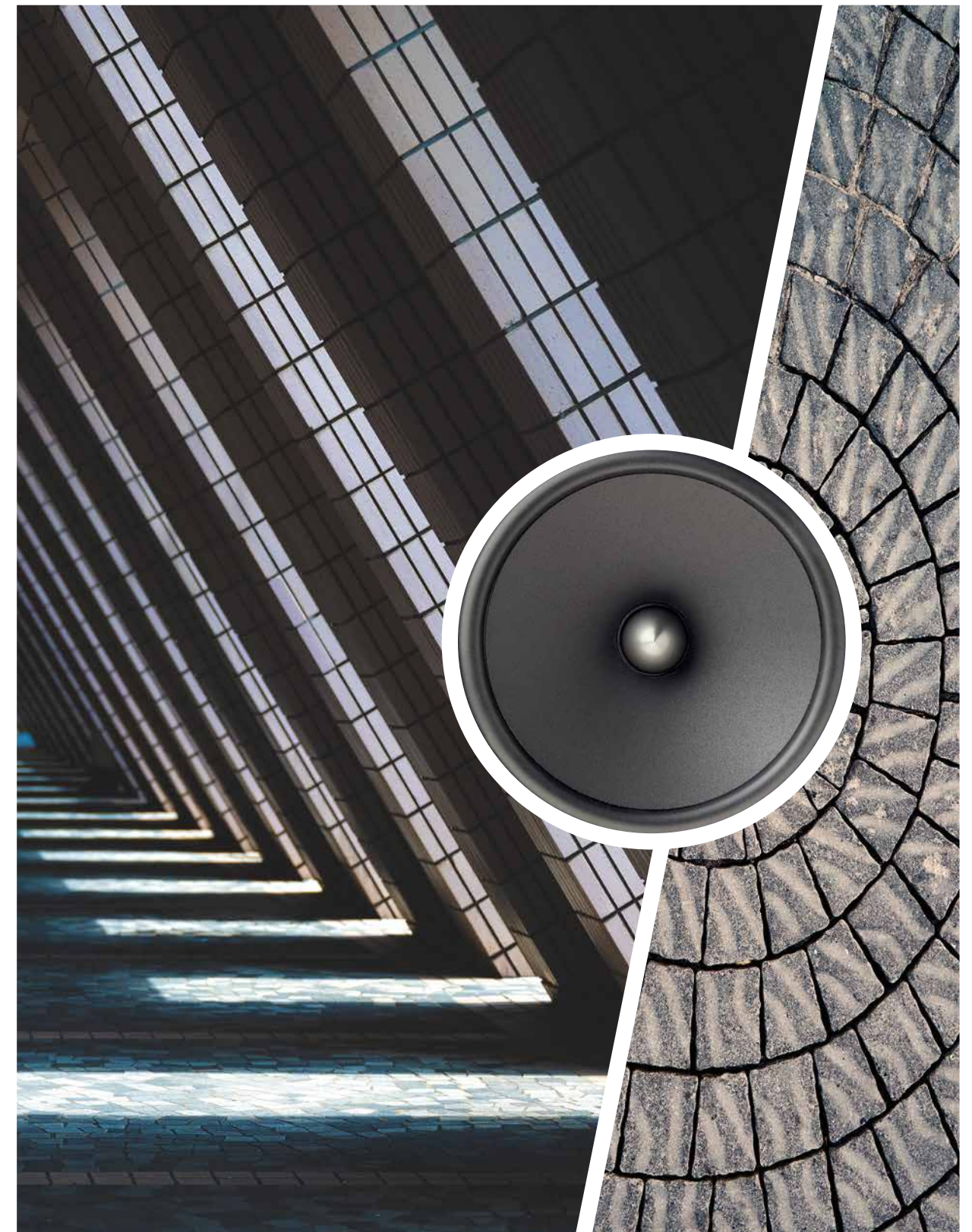
Adjustable
tweeter level



Aluminium-Magnesium
tweeter



Tilted tweeter
support





	ICU 100	ICU 130	ICU 165
Type	2-way coaxial kit	2-way coaxial kit	2-way coaxial kit
Diameter	4" (100mm)	5" (130mm)	6½" (165mm)
Cone	Polyglass	Polyglass	Polyglass
Magnet	Ferrite	Ferrite	Ferrite
Mounting depth	1⅞" (49mm)	1⅞" (48.9mm)	1⅞" (48.4mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Aluminium-Magnesium inverted dome	Aluminium-Magnesium inverted dome	Aluminium-Magnesium inverted dome
Crossover	Integrated: 6dB/oct	Integrated: 6dB/oct	Integrated: 6dB/oct
Adjustable tweeter level	Flat / High	Flat / High	Flat / High
Impedance	4Ω	4Ω	4Ω
Max. power	80W	120W	140W
Nom. power	40W RMS	60W RMS	70W RMS
Sensitivity (2.83 V/1 m)	90.3dB	91.8dB	93dB
Frequency response	90Hz - 21kHz	90Hz - 21kHz	60Hz - 21kHz
Accessories	Supplied without grille	Supplied without grille	Supplied without grille



	ICU 570	ICU 690
Type	2-way coaxial kit	2-way coaxial kit
Diameter	5 x 7" (130 x 180mm)	6 x 9" (164 x 235mm)
Cone	Polyglass	Polyglass
Magnet	Ferrite	Ferrite
Mounting depth	2⅝" (59.3mm)	3⅝" (83.5mm)
Voice coil diameter	1" (25mm)	1" (25mm)
Tweeter	Aluminium-Magnesium inverted dome	Aluminium-Magnesium inverted dome
Crossover	Integrated: 6dB/oct	Integrated: 6dB/oct
Adjustable tweeter level	Flat / High	Flat / High
Impedance	4Ω	4Ω
Max. power	140W	160W
Nom. power	70W RMS	80W RMS
Sensitivity	94dB	93.6dB
Frequency response	60Hz - 21kHz	55Hz - 21kHz
Accessories	Supplied without grille	Supplied with grilles



	ISU 130	ISU 165	ISU 200
Type	2-way component kit	2-way component kit	2-way component kit
Diameter	5" (130mm)	6½" (165mm)	8" (200mm)
Cone	Polyglass	Polyglass	Polyglass
Magnet	Ferrite	Ferrite	Ferrite
Mounting depth	1⅞" (48.9mm)	1⅞" (48.4mm)	2½" (63.5mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Aluminium-Magnesium inverted dome	Aluminium-Magnesium inverted dome	Aluminium-Magnesium inverted dome
Crossover	Integrated (connectors): 6dB/oct	Integrated (connectors): 6dB/oct	Integrated (connectors): 6dB/oct
Impedance	4Ω	4Ω	4Ω
Max. power	120W	140W	160W
Nom. power	60W RMS	70W RMS	80W RMS
Sensitivity (2.83 V/1 m)	91.8dB	93dB	93dB
Frequency response	90Hz - 21kHz	60Hz - 21kHz	40Hz - 21kHz
Accessories	Tweeter support Supplied without grille	Tweeter support Supplied without grille	Tweeter support Supplied without grille



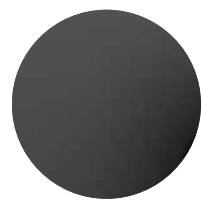
ISU 690	TWU 1.5
2-way component kit	Tweeter
6 x 9" (164 x 235mm)	1⅝" (49.4mm)
Polyglass	Aluminium/Magnesium inverted dome
Ferrite	Neodymium
3⅝" (83.5mm)	1¼" (16.8mm)
1" (25mm)	1⅜" (20mm)
Aluminium-Magnesium inverted dome	-
Integrated (connectors): 6dB/oct	Integrated: 6dB/oct
4Ω	4Ω
160W	100W
80W RMS	15W RMS
93,6dB	94dB
55Hz - 21kHz	4kHz - 21kHz
Tweeter support Supplied without grille	Tilted mounting support

09. AUDITOR

Your Focal installation debut

With Auditor, treat yourself to a high-quality Focal audio system at a very competitive price. This range of nine versatile kits provides a system with guaranteed efficiency, performance and power. Combined with dedicated electronics or connected to the vehicle's original amplifier, these component, coaxial and elliptical coaxial kits significantly improve the on-board audio. These products benefit from all of Focal's expertise to help you rediscover the pleasure of driving to music!





Polypropylene
cone



Steel
bowl



'U'-shaped
surround



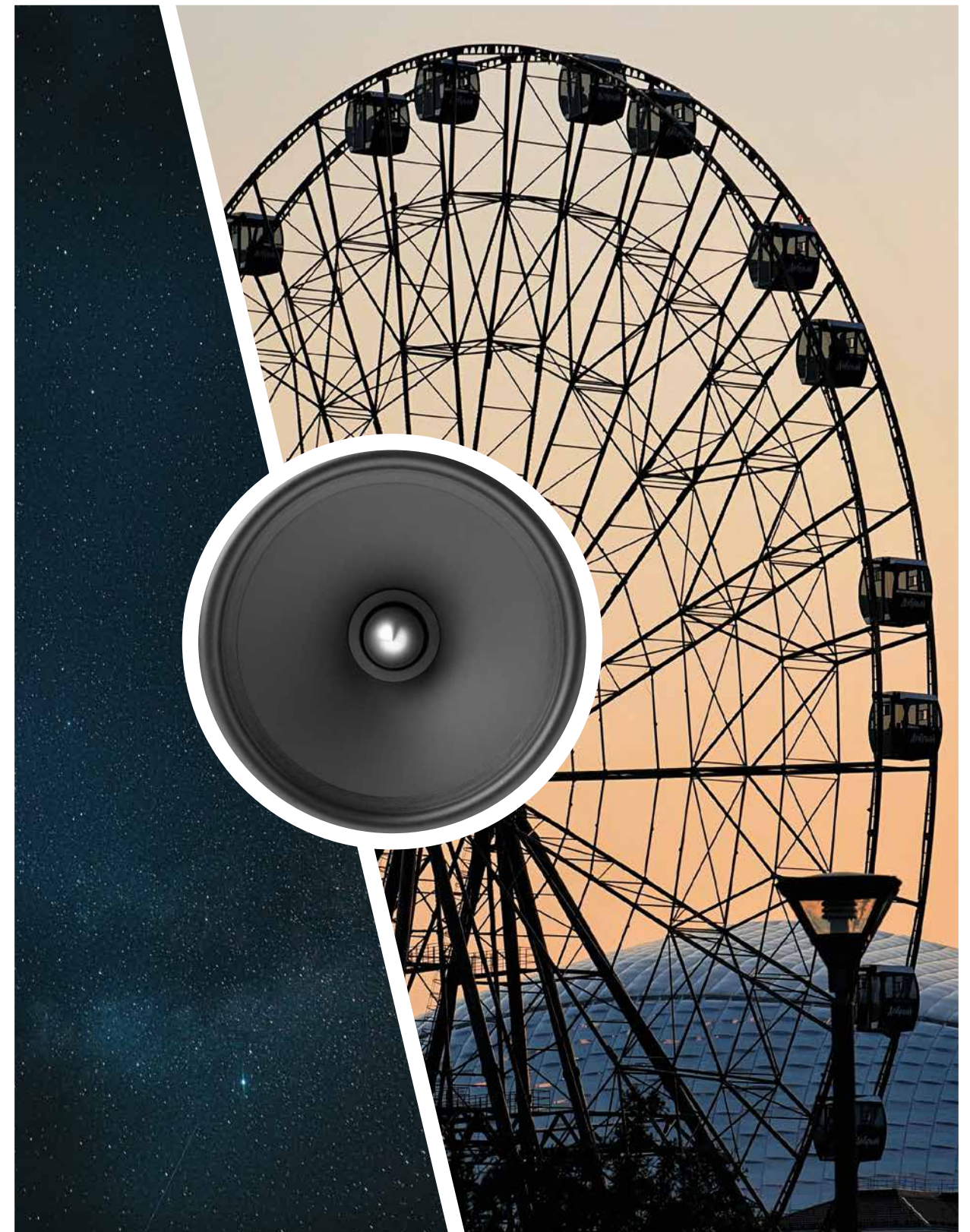
Black lacquered
tweeter finish



Mylar
tweeter



ABS & Mesh
grille





	ACX 100	ACX 130	ACX 165
Type	2-way coaxial kit	2-way coaxial kit	2-way coaxial kit
Diameter	4" (100mm)	5" (130mm)	6½" (165mm)
Cone	Polypropylene	Polypropylene	Polypropylene
Magnet	Ferrite	Ferrite	Ferrite
Mounting depth	1⅞" (48.2mm)	2⅞" (55mm)	2⅞" (62.5mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Mylar inverted dome	Mylar inverted dome	Mylar inverted dome
Crossover	6dB/oct	6dB/oct	6dB/oct
Impedance	4Ω	4Ω	4Ω
Max. power	60W	100W	120W
Nom. power	30W RMS	50W RMS	60W RMS
Sensitivity (2.83 V/1 m)	88dB	90dB	91.5dB
Frequency response	80Hz - 21kHz	65Hz - 21kHz	60Hz - 21kHz
Accessories	Supplied with grilles, fastening and screws	Supplied with grilles, fastening and screws	Supplied with grilles, fastening and screws



	ACX 165 S	ACX 570	ACX 690
Type	2-way shallow coaxial kit	2-way coaxial elliptic kit	3-way coaxial elliptic kit
Diameter	6½" (165mm)	5 x 7" (130 x 180mm)	6 x 9" (164 x 235mm)
Cone	Polypropylene	Polypropylene	Polypropylene
Magnet	Ferrite	Ferrite	Ferrite
Mounting depth	1⅞" (48.5mm)	2⅞" (59.5mm)	3⅞" (78mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1⅜" (35mm)
Tweeter	Mylar inverted dome	Mylar inverted dome	Mylar inverted dome tweeter/midrange
Crossover	6dB/oct	6dB/oct	6dB/oct
Impedance	4Ω	4Ω	4Ω
Max. power	110W	120W	160W
Nom. power	55W RMS	60W RMS	80W RMS
Sensitivity	91dB	91.6dB	92dB
Frequency response	60Hz - 21kHz	60Hz - 21kHz	50Hz - 20kHz
Accessories	Supplied with grilles, fastening and screws	Supplied with grilles, fastening and screws	Supplied with grilles, fastening and screws



	ASE 130	ASE 165
Type	2-way component kit	2-way component kit
Diameter	5" (130mm)	6½" (165mm)
Cone	Polypropylene	Polypropylene
Magnet	Ferrite	Ferrite
Mounting depth	2⅞" (55.5mm)	2⅜" (62.5mm)
Voice coil diameter	1" (25mm)	1" (25mm)
Tweeter	Mylar inverted dome	Mylar inverted dome
Crossover	Separated pre-wired: 12dB/oct	Separated pre-wired: 12dB/oct
Impedance	4Ω	4Ω
Max. power	100W	120W
Nom. power	50W RMS	60W RMS
Sensitivity (2.83 V/1 m)	90dB	91.5dB
Frequency response	65Hz - 21kHz	60Hz - 21kHz
Accessories	Supplied with grilles, fastening and screws	Supplied with grilles, blinding and screws



ASE 165 S
2-way shallow component kit
6½" (165mm)
Polypropylene
Ferrite
1⅞" (48.5mm)
1" (25mm)
Mylar inverted dome
Separated pre-wired: 12dB/oct
4Ω
110W
55W RMS
91dB
60Hz - 21kHz
Supplied with grilles, blinding and screws

10.

SUBWOOFERS

For powerful, boosted bass, choose Focal's range of subwoofers (passive, active, bass-reflex, slim...). They meet all installation requirements thanks to their performance, the range of different sizes available and how compact they are. Compatible with all of our Motorities products, these subwoofers enjoys all the knowledge and savoir-faire that Focal provides to bring you ultimate listening pleasure in the car.





	SUB 10	SUB 10 DUAL	SUB 10 SLIM
Type	Bass-reflex subwoofer	Bass-reflex subwoofer	Shallow subwoofer
Diameter	10" (25cm)	10" (25cm)	10" (25cm)
Cone	Polypropylene	Polypropylene	Polypropylene
Magnet	Ferrite	Ferrite	Ferrite
Surround technology	Butyl	Butyl	Butyl
Voice coil diameter	2" (50mm)	2" (50mm)	1" (20mm)
Impedance	4Ω	4Ω + 4Ω	4Ω
Max. power	500W	500W	460W
Nom. power	250W RMS	250W RMS	230W RMS
Sensitivity (2.83 V/1 m)	85dB	85dB	85dB
Frequency response	35Hz - 500Hz	32Hz - 500Hz	39Hz - 500Hz
Suggested load volume	Sealed enclosure: 0.35 to 0.88 cu ft Bass-reflex: 0.88 to 1.23cu ft	Sealed enclosure: 0.35 to 0.88 cu ft Bass-reflex: 0.88 to 1.41cu ft	Sealed enclosure: 0.35 to 0.88cu ft



	SUB 12	SUB 12 DUAL	SUB 12 SLIM
Type	Bass-reflex subwoofer	Bass-reflex subwoofer	Shallow subwoofer
Diameter	12" (30cm)	12" (30cm)	12" (30cm)
Cone	Polypropylene	Polypropylene	Polypropylene
Magnet	Ferrite	Ferrite	Ferrite
Surround technology	Butyl	Butyl	Butyl
Voice coil diameter	2" (50mm)	2" (50mm)	1" (20mm)
Impedance	4Ω	4Ω + 4Ω	4Ω
Max. power	600W	600W	560W
Nom. power	300W RMS	300W RMS	280W RMS
Sensitivity (2.83 V/1 m)	88dB	88dB	87dB
Frequency response	30Hz - 500Hz	29Hz - 500Hz	35Hz - 500Hz
Suggested load volume	Sealed enclosure: 0.53 to 1.06cu ft Bass-reflex: 1.06 to 1.23cu ft	Sealed enclosure: 0.53 to 1.06cu ft Bass-reflex: 1.06 to 1.23cu ft	Sealed enclosure: 0.53 to 1.06cu ft



	BOMBA BP 20	ISUB ACTIVE	ISUB ACTIVE 2.1
Type	Compact active subwoofer enclosure Class D amplifier High and low level audio input (OEM and aftermarket head units compatibility)	Ultra-compact active subwoofer	Ultra-compact active subwoofer & 2-channel amplifier
Woofer diameter	8" (20cm)	8" (20cm)	8" (20cm)
Impedance	-	4Ω	4Ω
Sub max. power	300W	260W	260W
Sub nom. power	150W RMS	130W RMS	130W RMS
Sensitivity (2.83V/1m)	-	-	-
Frequency response	20Hz - 125Hz	45Hz - 150Hz	4Hz - 150Hz
Amp. max. power	-	-	2 x 110W
Amp. nom. power	-	-	2 x 55W RMS
Function	Bandpass technology Phase selector: 0 - 180° Adjustable frequency cut off: 45Hz - 120Hz	Fuse rating: 20 A Phase selector: 0 - 180° SNR: > 80 dBA	Fuse rating: 35 A Phase selector: 0 - 180° SNR: > 80 dBA
Accessories	-	Screws, fixation system	Screws, fixation system
Weight	24.4lbs (11kg)	9.6lbs (4.25kg)	9.6lbs (4.25kg)
Dimensions (HxWxD)	17 ⁵ / ₁₆ x 12 ¹ / ₁₆ x 9 ¹ / ₁₆ " (24,9 x 32,3 x 43,9cm)	9 ¹ / ₁₆ x 12 ⁷ / ₈ x 2 ¹ / ₂ " (23 x 32,8 x 6,3 cm)	9 ¹ / ₁₆ x 12 ⁷ / ₈ x 2 ¹ / ₂ " (23 x 32,8 x 6,3 cm)



	PSB 200	ISUB TWIN
Type	Compact passive subwoofer enclosure	Underseat passive subwoofers
Woofer diameter	8" (20cm)	-
Impedance	4Ω	2Ω
Sub max. power	250W	2 x 200W
Sub nom. power	150W RMS	2 x 100W RMS
Sensitivity	83dB	83dB
Frequency response	45Hz - 150Hz	50 - 150Hz
Amp. max. power	-	-
Amp. nom. power	-	-
Function	-	-
Accessories	Screws, fixation system	Fixation system
Weight	15.7lbs (7kg)	2 x 6lbs (2 x 2.7kg)
Dimensions (HxWxD)	4 ⁵ / ₁₆ x 19 ¹ / ₄ x 12" (10,9 x 48,9 x 30,4cm)	9 ¹ / ₂ x 10 ¹ / ₄ x 3 ¹ / ₈ " (24 x 26 x 8cm)



Supplied with cables

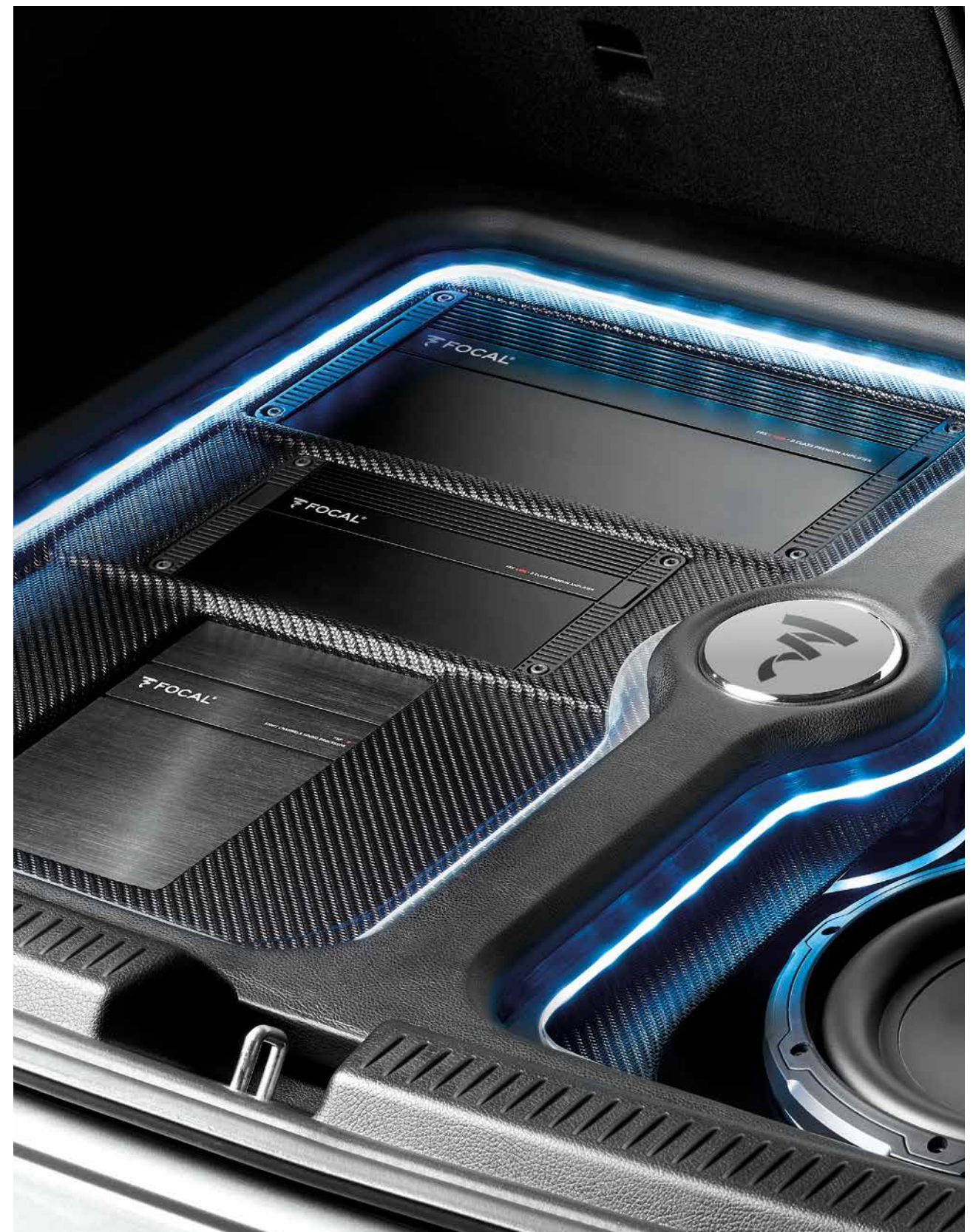
IY BUS

Only one remote to control the sound level of the two ISUB enclosures (Active or Active 2.1)

11.

ACCESSORIES & ELECTRONICS

In combination with and as a complement to our installations, we offer a range of amplifiers and cables so you can enjoy an all-round solution. To experience the sensations of a precise, controlled and stable sound, Focal electronics have it all. Last but not least, our cables play a vital role in the audio architecture, answering all your amplification questions and optimising the connections between components.





	FPX 5.1200	FPX 4.400 SQ	FPX 4.800
Type	Premium Class D Amplifier 5 channels	Premium Class AB Amplifier 4/3/2 channels Sound Quality	Premium Class D Amplifier 4/3/2 channels
CEA Power (4Ω)	4 x 75W RMS + 1 x 420W RMS	4 x 70W RMS	4 x 120W RMS
Max. power (2Ω)	4 x 120W RMS + 1 x 720W RMS	4 x 100W RMS	4 x 185W RMS
Max. power (1Ω)	-	-	-
Max. power (bridged 4Ω)	2 x 240W RMS + 720W RMS	2 x 200W RMS	2 x 370W RMS
Crossovers	Configurable High-Pass / Low-Pass: 50Hz - 500Hz	Configurable High-Pass / Low-Pass: 50Hz - 5 000Hz	Configurable High-Pass / Low-Pass: 50Hz - 500Hz
Copy mode	6CH/4CH/2CH	4CH/2CH	4CH/2CH
Functions	Full range Mode Bass Boost Subsonic filter	Full Range	Full Range
Phase adjustment	Yes	-	-
Protections	Short circuit Over-current Reverse polarity DC / Voltage drop Heat protection	Short circuit Over-current Reverse polarity DC / Voltage drop Heat protection	Short circuit Over-current Reverse polarity DC / Voltage drop Heat protection
Accessories	Remote control, screws, fuses	Screws, fuses, terminal board tools	Screws, fuses, terminal board tools
Weight	9lbs (4.1kg)	8.2lbs (3.7kg)	4.4lbs (2kg)
Dimensions (LxWxH)	11 ³ / ₁₆ x 6 ⁷ / ₈ x 2 ¹ / ₄ " (30 x 17.5 x 5.7cm)	12 ³ / ₈ x 6 ⁷ / ₈ x 2 ¹ / ₄ " (31.4 x 17.5 x 5.7cm)	9 ⁵ / ₁₆ x 5 ³ / ₁₆ x 2 ¹ / ₁₆ " (23.7 x 13.2 x 5.3cm)



	FPX 1.1000	FDS 4.350	FDS 1.350
Type	Premium Class D Amplifier Mono	Class D Amplifier 4/3/2 channels	Class D Amplifier Mono RCA low-level inputs
1 x 420W RMS		4 x 58W RMS	1 x 210W RMS
1 x 700W RMS		4 x 100W RMS	1 x 350W RMS
1 x 1000W RMS		-	-
-		2 x 200W RMS	-
Configurable Low-Pass: 50Hz - 250Hz		Configurable High-Pass / Low-Pass: 40Hz - 400Hz	Low-Pass: 40Hz - 400Hz
-		-	-
Bass Boost (6/12dB) Crossover subsonic (10Hz - 50Hz)		Full Range	Bass Boost (0/6dB / 12dB)
Progressive		-	Progressive (0 - 180°)
Short circuit Over-current Reverse polarity DC / Voltage drop Heat protection		Short circuit Over-current Reverse polarity DC / Voltage drop Heat protection	Short circuit Over-current Reverse polarity DC / Voltage drop Heat protection
Remote control, screws, fuses, terminal board tools		Screws, fuses	Screws, fuses
5.6lbs (2.55kg)		1.9lbs (850g)	1.9lbs (850g)
11 ¹ / ₁₆ x 5 ³ / ₁₆ x 2 ¹ / ₁₆ " (29.7 x 13.2 x 5.3cm)		7 ¹ / ₁₆ x 4 ¹ / ₄ x 1 ¹ / ₁₆ " (19.9 x 10.8 x 4.3cm)	7 ¹ / ₁₆ x 4 ¹ / ₄ x 1 ¹ / ₁₆ " (19.9 x 10.8 x 4.3cm)



AP 4.380

Type	Class AB Amplifier 4/3/2 channels RCA inputs
CEA Power (4Ω)	4 x 70W RMS
Max. power (2Ω)	4 x 95W RMS
BTL RMS power (bridged 4Ω)	2 x 190W RMS
Crossovers	High-Pass (channel 1-2): 75Hz Low-Pass (channel 3-4): 40 - 300Hz Bass-boost (channel 3-4): 0/6/12 dB
Functions	Full Range
Dimensions (LxWxH)	13¾ x 9¼ x 2" (34 x 23.5 x 5cm)



IMPULSE 4.320

Type	Class D ultra-compact Amplifier - 4/3/2 channels
CEA power (4Ω)	4 x 55W RMS
Max. power (2Ω)	4 x 80W RMS
Max. power (4Ω bridged)	2 x 160W RMS
Crossovers	Activable/deactivable fixed at 75Hz on channels 1/2 Configurable from 40Hz-200Hz on channels 3/4
Copy Mode	4 CH/2CH
Setting	Adjustable phase on channels 3/4
Protections	Short circuit / Over-current / Reverse polarity / DC / Voltage drop / Heat protection
Weight	1.2lbs (550g)
Dimensions (LxHxD)	6⅞ x 1⅞ x 2⅞" (175 x 47 x 66.5mm)



IY - AC IMPULSE 4.320

Adapter Y cable
Focal Impulse 4.320



HILO V3

Type	High-level to RCA line stereo converter
Function	Converts a stereo amplified signal in two low-level line outputs for an amplifier DC and AC detection modes Automatic remote output Speaker simulation network to avoid head-unit muting
Bandwith (+/-1dB)	10Hz - 140kHz
Signal/Noise ratio	100dB
Distorsion	< 0.01 %

ER 1	ER 3	ER 5	EY 05
RCA cable 1 x 1m (3.3ft)	RCA cable 1 x 3m (9.9ft)	RCA cable 1 x 5m (16.4ft)	RCA cable 2 x 0.5m (2 x 1.64ft)

ES 15	ES 25	ES 4
1 roll: 15 AWG 12m x 1.5mm ² (39ft)	1 roll: 13 AWG 12m x 2.5mm ² (39ft)	1 roll: 11 AWG 12m x 4mm ² (39ft)

PR 5	PS 15	PS 25
RCA cable 5m (16.4ft) Male/male plugs	Flat speaker cable 15 AWG/1.5mm ² 1 roll: 39ftx15 AWG (12m x 1.5mm ²)	Flat speaker cable 13 AWG/2.5mm ² Roll: 39 ft x 13 AWG (12m x 2.5mm ²)
2 x 90° bent plugs for difficult locations	High performances, easy to install Soft touch insulant	High performances, easy to install Soft touch insulant

PK 8	PK 21
8 AWG Complete supply kit (amplifier/speakers)	4 AWG Complete supply kit (amplifier/speakers)
16ft (4.9m) supply cable (8.3mm ²) 3.3ft (1m) ground cable (8.3mm ²) 32.8ft (10m) speaker cable 16.4ft (5m) remote cable 6.4ft (5m) RCA cable (2x90° bent plugs and 2 straight plugs) 60A fuse-box Accessory pack	16ft (4.9m) supply cable (21mm ²) 3.3ft (1m) ground cable (21mm ²) 32.8ft (10m) speaker cable 16.4ft (5m) remote cable 16.4ft (5m) RCA cable (2x90° bent plugs and 2 straight plugs) 80A fuse-box Accessory pack

B.A.M XXXL	B.A.M XL	B.A.M	TOOL SET
1 roll of 19 ¹ / ₁₆ x 236 ¹ / ₄ " (50 x 600cm) (3m ²)	1 sheet 19 ¹ / ₁₆ x 78 ³ / ₄ " (50x200cm) (1m ²)	1 sheet 8 ¹ / ₄ x 11 ³ / ₁₆ " (21x30cm)	Set of 11 composite tools to remove door panel

COLLECTIONS

Combining performance and design, Focal's collections are a revelation, awakening emotion. And it doesn't matter where you are. At home with hi-fi and in-wall/in-ceiling loudspeakers, Home Cinema systems and open-/closed-back headphones; on the go with in-car kits; during travel with Bluetooth® Noise Cancelling Headphones; in the studio with monitors and at sea with specialist yacht solutions.



Home Collection



Motorities Collection



Professional Collection

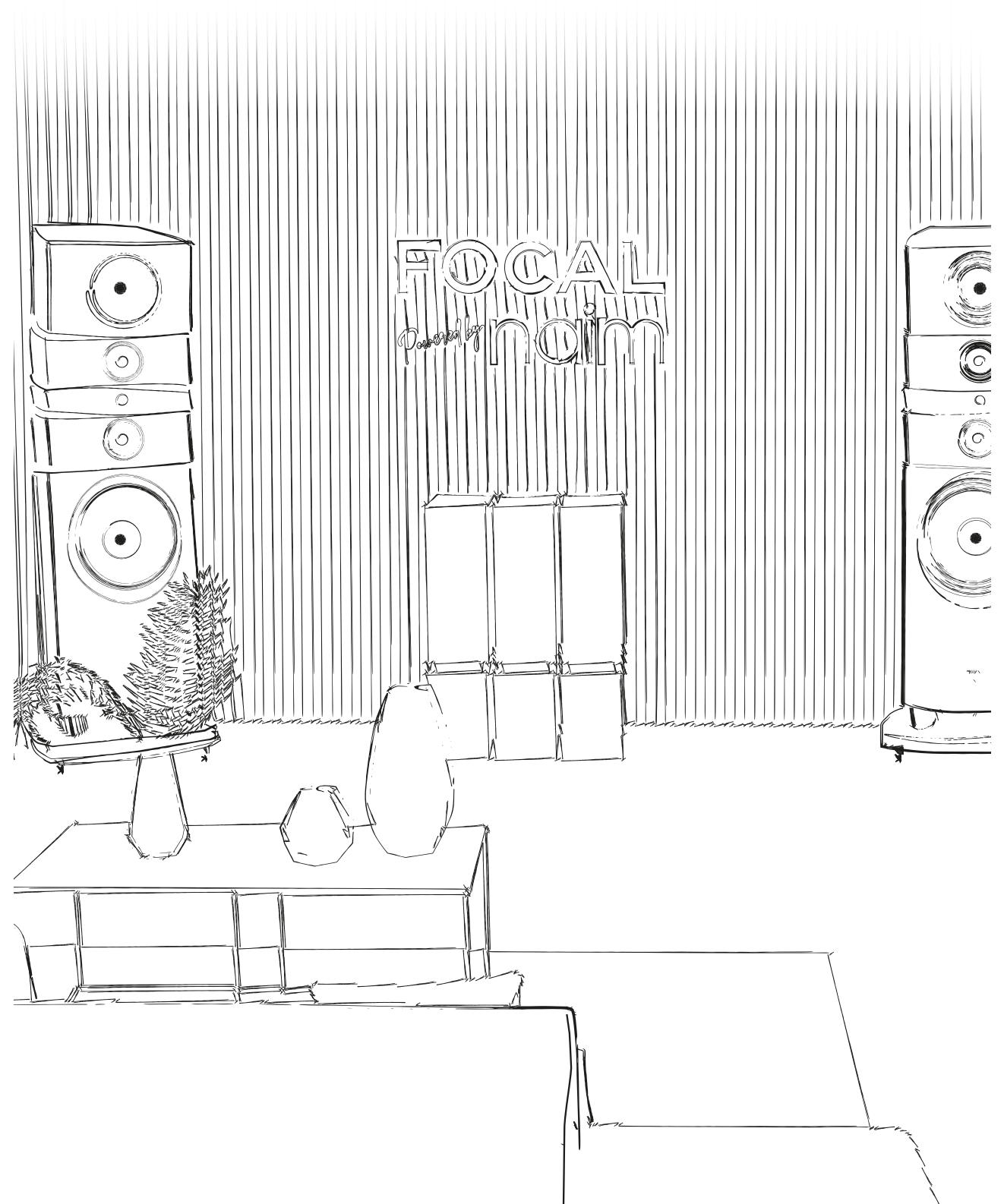
FOCAL *Powered by* naim

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www.focalpoweredbynaim.com





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