MOTORITIES COLLECTION

2023



FROM CAR TO BOAT



For four decades, Focal has been creating unique sounding high-end speaker drivers and acoustic loudspeakers.

The brand's values are innovation and performance, excellence and pleasure. We are renowned the world over for our exclusive technologies. The result of this technological heritage is sound reproduction imbued with clarity, power and a natural quality, presenting you with the best products in their category.

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

All aboard for some exceptional listening experiences.





O2. K2 POWER M

03. K2 POWER



04.

FLAX EVO





06. POLYGLASS









11. ACCESSORIES & ELECTRONICS 79

O1. 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.









Designer bowl



TMD® surround



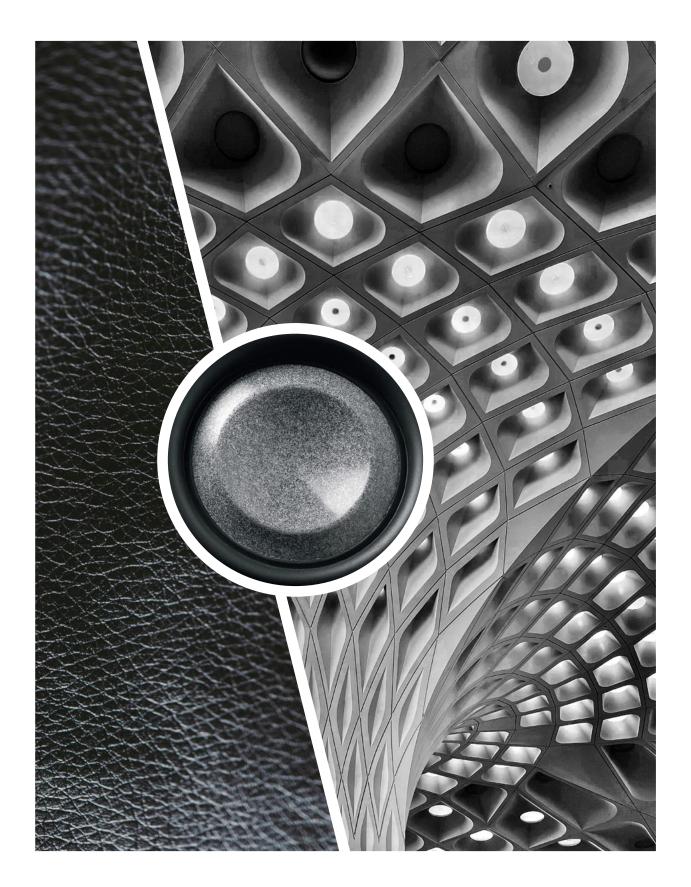
Neodymium magnet



'M'-shaped Beryllium tweeter



Elegant, designed grille



11









	ТВМ	3.5WM	6 WM	8 WM
Туре	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*)
Motor	Neodymium	Neodymium	Neodymium	Neodymium
Mounting depth	5/16" (9mm)	1¼" (31mm)	2" (51.5mm)	21/16" (52mm)
Voice coil diameter	1" (25m)	1¾" (45mm)	3½" (80mm)	3½" (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 UTOPIA PASSIVE 165 W-XP

Subwoofer	Туре	2-way component kit
10" (250mm)	Diameter	6½" (165mm)
'M'-profile 'W'	Cone	Composite 'W' sandwich
	Surround technology	Tuned Mass Damper (TMD®)
-	Motor	Ferrite
Neodymium	Mounting depth	2 ¹⁵ /16" (74mm)
4¼" (108mm)	Voice coil diameter	1¼" (32mm)
Dual voice coil 4¾" (120mm)	Tweeter	Pure Beryllium inverted dome
2 x 4Ω	Crossover	Separated: 12/18dB bi-amp
800W	Adjustable tweeter level	+3; 0; -3dB/oct
400W RMS	Impedance	2Ω
07.5 /10	Max. power	200W
87.5dB	Nom. power	100W RMS
25Hz - 800Hz	Sensitivity (2.83 V/1 m)	93dB
Sealed enclosure: 0.35 to 0.52 cu ft	Frequency response	60Hz - 40kHz
-	Accessories	Grilles included



3.5" GRILLE

Optional 'M' profile aluminium ring



6" GRILLE

Optional 'M' profile aluminium ring



8" GRILLE

Optional 'M' profile aluminium ring

O2. K2 POWER M

The power looks good

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.









Aluminium frame



TMD® surround



Neodymium magnet



FRAK Tweeter



'M' grille



17







	FRAK	3 KM	6.5 KM
Туре	Tweeter	Medium	Woofer
Diameter	1¼" (32mm)	3" (80mm)	6½" (165mm)
Cone	'M'-shaped Aluminium-Magnesium	K2 sandwich 'M'-profile	K2 sandwich 'M'-profile
Surround technology	Tuned Mass Damper (TMD*)	Tuned Mass Damper (TMD*)	Tuned Mass Damper (TMD*)
Motor	Neodymium	Neodymium	Ferrite
Mounting depth	³ ⁄ ₄ " (19.5mm)	1½" (27.3mm)	2½" (54mm)
Voice coil diameter	1" (25mm)	1¾" (35mm)	2¾" (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)

K2 sandwich 'M'-profile

Catenary profile

Ferrite

2¾" (69mm)

23/8" (60mm)

4Ω

400W

200W RMS

86dB

35Hz - 250Hz

4I / 41Hz (sealed) 6I / 39Hz (sealed)

Optional grille



3" GRILLE

Optional 'M' profile aluminium ring



5" GRILLE

Optional 'M' profile aluminium ring



6.5" GRILLE

Optional 'M' profile aluminium ring 03.

K2 POWER

More than just a product, a way of life

Immerse yourself in the performance of the iconic yellow aramid fibre cone, an exclusive Focal icon of sportiness and power. Instantly recognisable, the K2 Power line delivers incredible harmonics and dynamics. Meanwhile, the subwoofers have been designed to function in very small spaces whilst providing high volume and impressive energy. Get ready to experience new emotions behind the wheel.





K2 cone



Aluminium chassis



TMD® surround



Ventilated magnet



K2 tweeter with 'M'-shaped dome



Audiophile crossover









	EC 165 K	ES 100 K	ES 130 K
Туре	2-way coaxial kit	2-way component kit	2-way component kit
Diameter	6½" (165mm)	4" (100mm)	5" (130mm)
Cone	K2 composite sandwich	K2 composite sandwich	K2 composite sandwich
Surround technology	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)
Motor	Ferrite	Neodymium	Ferrite
Mounting depth	2 ¹⁵ / ₁₆ " (74mm)	1%6" (39mm)	2¾" (60.4mm)
Voice coil diameter	1" (25mm)	¹³ /16" (20mm)	1" (25mm)
Tweeter	TKM ('M' profile aramid-fibre inverted dome)	TKM ('M' profile aramid-fibre inverted dome)	TKM ('M' profile aramid-fibre inverted dome)
Crossover	6dB	Separated: 12/12dB/oct	Separated: 6-12/12dB/oct
Adjustable tweeter level	-	+3; 0; -3dB/oct	+3; 0; -3dB/oct
Impedance	4Ω	4Ω	4Ω
Max. power	160W	120W	160W
Nom. power	80W RMS	60W RMS	80W RMS
Sensitivity (2.83 V/1 m)	93dB	90dB	90dB
Frequency response	60Hz - 22kHz	110Hz - 22kHz	65Hz - 22kHz
Suggested load volume	-	-	-
Accessories	Grilles included	Grilles included	Grilles included





ES 165 K	ES 165 K2
2-way component kit	2-way component kit
6½" (165mm)	6½" (165mm)
K2 composite sandwich	K2 composite sandwich
Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD®)
Ferrite	Ferrite
2 ¹⁵ /16" (74mm)	2¹⁵⁄₁6″ (73.9mm)
1¼" (32mm)	11/4" (32mm)
TKM ('M' profile aramid-fibre inverted dome)	TKM ('M' profile aramid-fibre inverted dome)
Separated: 6-12/12dB/oct	Bi-amp separated: 6-12/12dB/oct
+3; 0; -3dB/oct	+3; 0; -3dB/oct
4Ω	2Ω
200W	200W
100W RMS	100W RMS
90.8dB	92.8dB
60Hz - 22kHz	60Hz - 22kHz
-	-
Grilles included	Grilles included



25 |





	ES 165 KX2	ES 165 KX3
Type	2-way component kit	3-way component kit
Diamatas	61/II (16Fmama)	Woofer: 6½" (165mm)
Diameter	6½" (165mm)	Midrange: 80mm
Cone	K2 composite sandwich	K2 composite sandwich
Surround technology	Tuned Mass Damper (TMD*)	Tuned Mass Damper (TMD*)
Motor	Ferrite	Woofer: Ferrite
Motor	Ferrite	Midrange: Neodymium
Mounting	3" (75.9mm)	Woofer: 3" (75.9mm)
depth	3 (73.911111)	Midrange: 15/16" (33.5mm)
Voice coil diameter	1%6" (40mm)	1½16" (40mm)
Tweeter	TKMX ('M' profile aramid-fibre inverted dome)	TKMX ('M' profile aramid-fibre inverted dome)
Crossover	Bi-amp separated: 6-12/12-18dB/oct	Separated: 6-12/12/12dB/oct
Adjustable tweeter level	+3; 0; -3dB/oct	+3; 0; -3dB/oct
Impedance	2Ω	4Ω
Max. power	240W	240W
Nom. power	120W RMS	120W RMS
Sensitivity (2.83 V/1 m)	92,5dB	93dB
Frequency response	55Hz - 22kHz	45Hz - 22kHz
Suggested load volume	-	-
Accessories	Grilles included	Grilles included



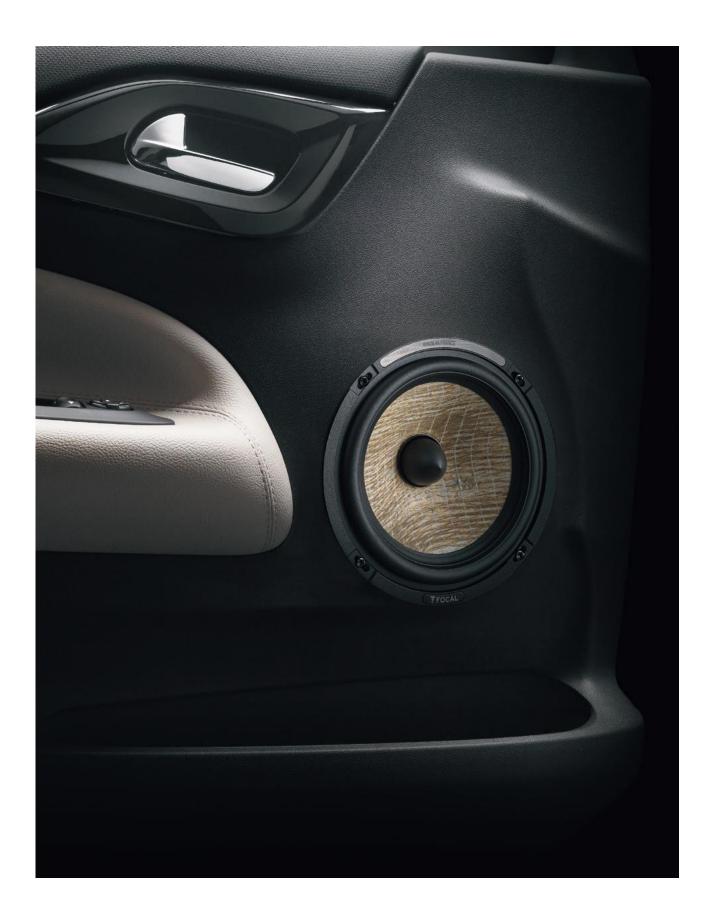


E25 KX	E30 KX
Subwoofer	Subwoofer
10" (250mm)	12" (300mm)
K2 composite sandwich	K2 composite sandwich
-	-
Dual ferrite	Dual ferrite
6¾" (172mm)	6¾" (172mm)
2%6" (65mm)	2%ε" (65mm)
-	-
-	-
-	-
2 x 4Ω	2 x 4Ω
1,200W	1,600W
600W RMS	800W RMS
84.5dB	86.5dB
25Hz - 500Hz	25Hz - 500Hz
Sealed enclosure: 0.6 to 0.77 cu ft Bass-reflex: 0.77 to 1.23 cu ft	Sealed enclosure: 0.99 to 1.23 cu ft Bass-reflex: 0.99 to 1.76 cu ft
-	-

O4. FLAX EVO

The perfect balance

With its French flax cone - a patented Focal exclusive - 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.









Aluminium chassis



TMD® surround



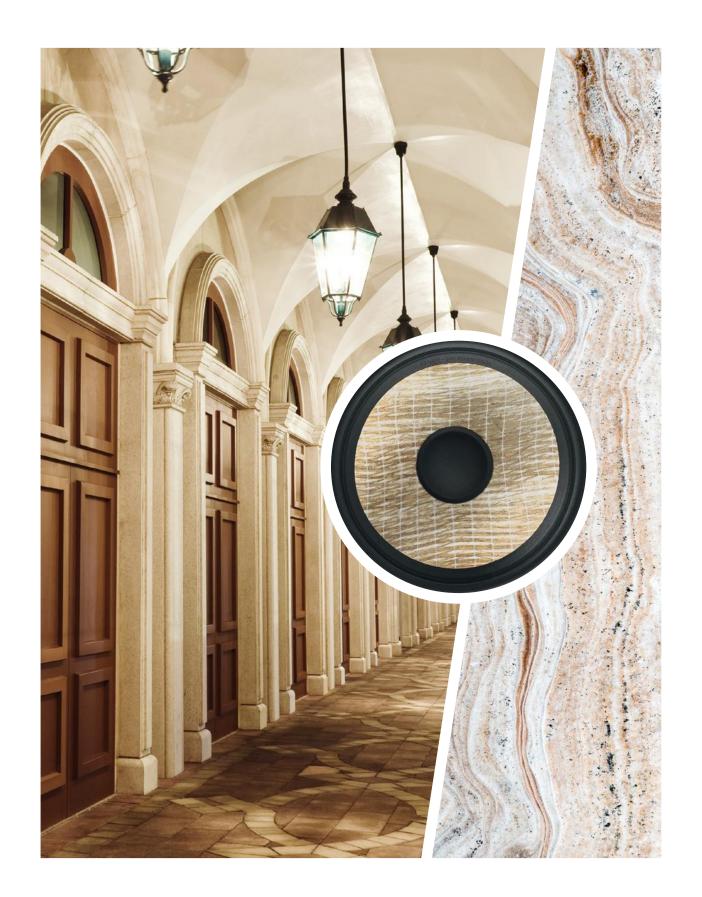
Ferrite magnet



TAM® tweeter



Audiophile crossover



31 |







	PC 165 FE	PS 130 FE	PS 165 FE
Туре	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®)
Motor	Ferrite	Ferrite	Ferrite
Mounting depth	2%" (72.7mm)	2¾" (59.7mm)	2%" (72.7mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Coaxial 'M'-profile inverted dome	TAM ('M'-profile Al/Mg inverted dome)	TAM ('M'-profile Al/Mg inverted dome)
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
61/" (16Emm)	61/" (16Emm)	Woofer: 6½" (165mm)
6½" (165mm)	6½" (165mm)	Midrange: 31/8" (80mm)
Flax sandwich	Flax sandwich	Flax sandwich
Tuned Mass Damper (TMD®)	Tuned Mass Damper (TMD*)	Tuned Mass Damper (TMD®)
Ferrite	Ferrite	Ferrite
21/11 (5.4.5	7!! (77)	Woofer: 21/8" (72.7mm)
2½" (54.5mm)	3" (77mm)	Midrange: 15/16" (33.5mm)
1¼" (32mm)	11/// (72 mm)	Woofer: 1¼" (32mm)
174 (3211111)	11/4" (32mm)	Midrange: 1" (25mm)
TAM ('M'-profile Al/Mg inverted dome)	TAM ('M'-profile Al/Mg inverted dome)	TAM ('M'-profile Al/Mg inverted dome)
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
Туре	Sealed box and bass-reflex subwoofer	Sealed box subwoofer
Diameter	8" (200mm)	8" (200mm)
Cone	Flax sandwich	Flax sandwich
Motor	Dual ferrite	Dual ferrite
Surround technology	4%" (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
Sealed box and bass-reflex subwoofer	Sealed box subwoofer
10" (250mm)	10" (250mm)
Flax sandwich	Flax sandwich
Dual ferrite	Dual ferrite
5%6" (140.6mm)	3" (76mm)
2" (50mm)	1½" (38mm)
4Ω	4Ω
600W	560W
300W RMS	280W RMS
85dB	86dB
33Hz - 500Hz	41Hz - 400Hz
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 (12 to 18 l)

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 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.









Rotor effect basket



French manufacturing



Ferrite magnet



Aluminium tweeter



Separable crossovers







	PC 165 SF	PS 165 SF
Туре	2-way coaxial kit	2-way component kit
Diameter	6½" (165mm)	6½" (165mm)
Cone	Slatefiber	Slatefiber
Surround technology	Butyl	Butyl
Motor	Ferrite	Ferrite
Mounting depth	2 ³ / ₄ " (70mm)	2 ³ / ₄ " (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



06.POLYGLASS

A winning combination

Forget your current system and treat yourself to a rejuvenated sound experience with our Polyglass and Polyglass Last Edition kits that combine power, durability and compactness. This line has never stopped improving across the board, from concept to design. The subwoofers, which can be used in a sealed or bass-reflex box, make a real difference with their impactful bass. All components of the line are meticulously put together to surround passengers with warm sound.





Polyglass cone



Aluminium chassis



Butyl surround



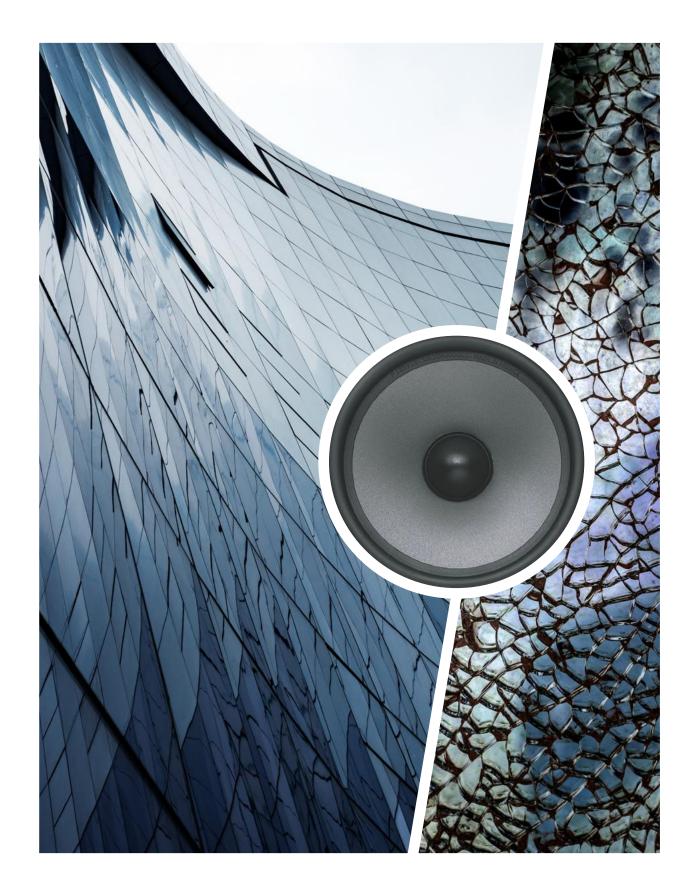
Separable crossovers



Aluminium tweeter



Diamond cutting









	PC 165 LAST EDITION	PS 165 LAST EDITION	
Туре	2-way coaxial kit	2-way component kit	
Diameter	6½" (165mm)	6½" (165mm)	
Cone	Polyglass	Polyglass	
Motor	Ferrite	Ferrite	
Mounting depth	2%6" (65.5mm)	2%6" (65.5mm)	
Voice coil diameter	1" (25mm)	1" (25mm)	
Tweeter	inverted dome TNP	inverted dome TNP	
Crossover	Integrated: 6dB/oct	Separated: 6/12dB/oct	
Adjustable tweeter level	-	+3/0/-3dB	
Impedance	4Ω	4Ω	
Max. power	160W	160	
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	









	PC 100	PC 130	PC 165
Туре	2-way coaxial kit	2-way coaxial kit	2-way coaxial kit
Diameter	4" (100mm)	5" (130mm)	6½" (165mm)
Cone	Polyglass	Polyglass	Polyglass
Motor	Ferrite	Ferrite	Ferrite
Mounting depth	2" (51.5mm)	2¼" (56.5mm)	2%6" (65.5mm)
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
Adjustable tweeter level	-	-	-
Impedance	4Ω	4Ω	4Ω
Max. power	100W	120W	160W
Nom. power	50W RMS	60W RMS	80W RMS
Sensitivity (2.83 V/1 m)	90.9dB	91.6dB	93.6dB
Frequency response	100Hz - 20kHz	80Hz - 20kHz	60Hz - 20kHz
Suggested load volume	-	-	-
Accessories	Grilles included	Grilles included	Grilles included







PS 165 V1	SUB P 25DB	SUB P 30DB
2-way component kit	Subwoofer	Subwoofer
6½" (165mm)	10" (250mm)	12" (300mm)
Polyglass	Polypropylene	Polypropylene
Ferrite	-	-
2%6" (65.5mm)	5½6" (138.6mm)	65/16" (160.5mm)
1" (25mm)	Dual voice coil: 2" (50mm)	Dual voice coil: 2¾" (60mm)
Aluminium inverted dome	-	-
Separated: 6/12dB/oct	-	-
+3/0/-3dB	-	-
4Ω	4Ω	4Ω
160W	500W	600W
80W RMS	250W RMS	300W RMS
92,5dB	90.9dB	93.4dB
60Hz - 20kHz	42Hz - 500Hz	27Hz - 500Hz
-	Sealed enclosure: 0.52 to 1.23 cu ft Bass-reflex: 1.23 to 2.12 cu ft	Sealed enclosure: 0.88 to 1.59 cu ft Bass-reflex: 1.23 to 2.12 cu ft
Grilles included	-	-

O7. 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



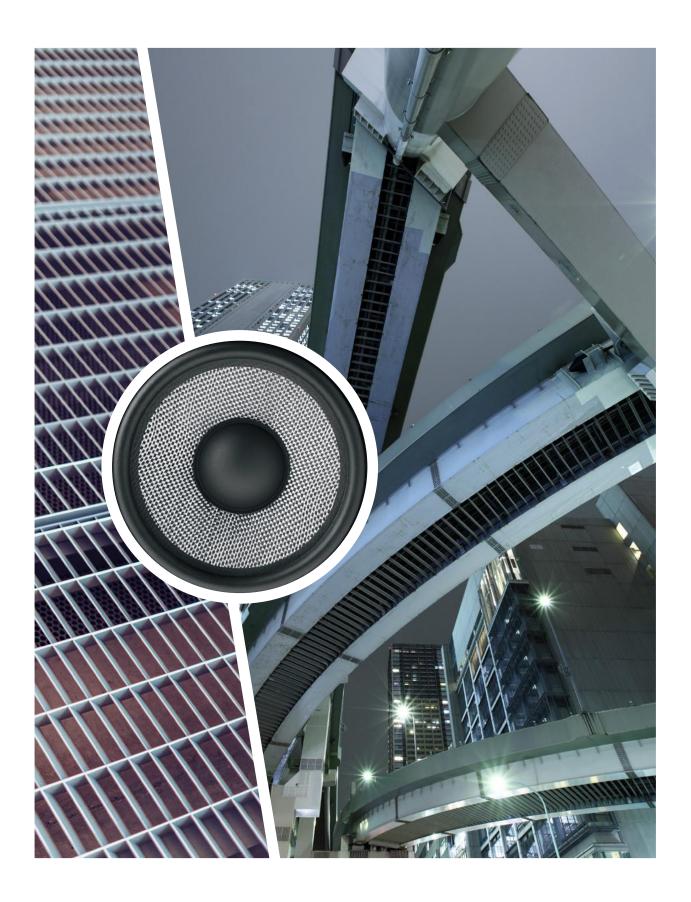
Adjustable tweeter level



Aluminium dome tweeter



Curved grilles



53 |







	100 AC	130 AC	165 AC
Туре	2-way coaxial kit	2-way coaxial kit	2-way coaxial kit
Diameter	4" (100mm)	5" (130mm)	6½" (165mm)
Cone	DFS® (Dual Fiberglass Structure)	DFS® (Dual Fiberglass Structure)	DFS® (Dual Fiberglass Structure)
Motor	Ferrite	Ferrite	Ferrite
Mounting depth	2½6" (52.2mm)	2½" (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
2-way coaxial kit	2-way coaxial kit
5 x 7" (130 x 180 mm)	6 x 9" (164 x 235mm)
DFS® (Dual Fiberglass Structure)	DFS® (Dual Fiberglass Structure)
Ferrite	Ferrite
25/16" (59.5mm)	1¾6" (30mm)
1" (25mm)	1¾6" (30mm)
Rotating Aluminium inverted dome	Rotating Aluminium inverted dome
Integrated: 6dB/oct	Integrated: 6dB/oct
4Ω	4Ω
120W	150W
60W RMS	75W RMS
92.8dB	91.3dB
65Hz - 20kHz	50Hz - 20kHz
Without grille	Grilles included

| 55 |







	130 AS	165 AS	165 AS3
Type	2-way component kit	2-way component kit	3-way component kit
Diameter		C1/# (1CF)	Woofer : 6½" (165mm)
Diameter	5" (130mm)	6½" (165mm)	Midrange : 31/8" (80mm)
Cone	DFS® (Dual Fiberglass Structure)	DFS® (Dual Fiberglass Structure)	DFS® (Dual Fiberglass Structure)
Motor	Ferrite	Ferrite	Ferrite
Mounting	21/11 (E 4 7mm)	21/11 (62 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Woofer : 2½" (62.9mm)
depth	2½" (54.7mm)	2½" (62.9mm)	Midrange : 111/16" (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® (Dual Fiberglass Structure)	DFS® (Dual Fiberglass Structure)	
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.









Compact size



Butyl surround



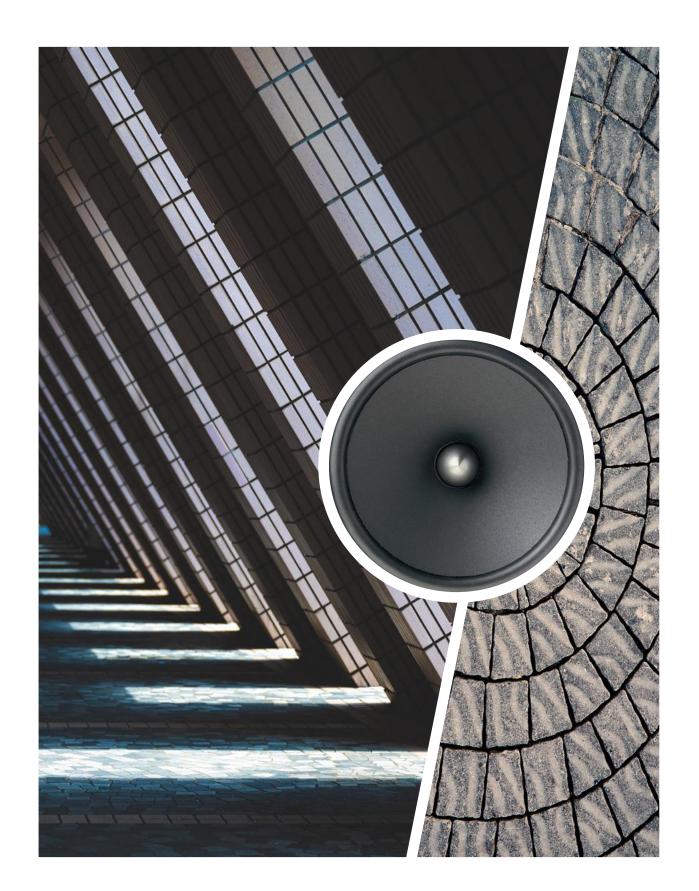
Adjustable tweeter level



AI/Mg tweeter



Integrated crossover



| 61 |







	ICU 100	ICU 130	ICU 165
Туре	2-way coaxial kit	2-way coaxial kit	2-way coaxial kit
Diameter	4" (100mm)	5" (130mm)	6½" (165mm)
Cone	Polyglass	Polyglass	Polyglass
Motor	Ferrite	Ferrite	Ferrite
Mounting depth	11/8" (49mm)	1½" (48.9mm)	1½" (48.4mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	AI/Mg inverted dome	Al/Mg inverted dome	Al/Mg 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	Without grille	Without grille	Without grille





ICU 570	ICU 690
2-way coaxial kit	2-way coaxial kit
5 x 7" (130 x 180mm)	6 x 9" (164 x 235mm)
Polyglass	Polyglass
Ferrite	Ferrite
25/16" (59.3mm)	3%6" (83.5mm)
1" (25mm)	1" (25mm)
Al/Mg	Al/Mg
inverted dome	inverted dome
Integrated: 6dB/oct	Integrated: 6dB/oct
Flat / High	Flat / High
4Ω	4Ω
140W	160W
70W RMS	80W RMS
94dB	93.6dB
60Hz - 21kHz	55Hz - 21kHz
Without grille	Without grille

| 63 |







	ISU 130	ISU 165	ISU 200
Туре	2-way component kit	2-way component kit	2-way component kit
Diameter	5" (130mm)	6½" (165mm)	8" (230mm)
Cone	Polyglass	Polyglass	Polyglass
Motor	Ferrite	Ferrite	Ferrite
Mounting depth	1½" (48.9mm)	1½″ (48.4mm)	2½" (63.5mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Al/Mg inverted dome	AI/Mg inverted dome	Al/Mg 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 Crossovers in line on connectors Supplied without grille	Tweeter support Crossovers in line on connectors Supplied without grille	Tweeter support Crossovers in line on connectors Supplied without grille







ISU 690	TWU 1.5
2-way component kit	Tweeter
6 x 9" (164 x 235mm)	1 ¹⁵ /16" (49.4mm)
Polyglass	AI/Mg inverted dome
Ferrite	Neodymium
35/16" (83.5mm)	¹ 1/16" (16.8mm)
1" (25mm)	¹³ / ₁₆ " (20mm)
AI/Mg 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 Crossovers in line on connectors Supplied without grille	4 possibilities: "Flush", surface, tilted mounting, in factory location

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 Inverted dome tweeter



ABS & Mesh grille



69







	ACX 100	ACX 130	ACX 165
Туре	2-way coaxial kit	2-way coaxial kit	2-way coaxial kit
Diameter	4" (100mm)	5" (130mm)	6½" (165mm)
Cone	Polypropylene	Polypropylene	Polypropylene
Motor	Ferrite	Ferrite	Ferrite
Mounting depth	1½" (48.2mm)	21/8" (55mm)	27/16" (62.5mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Inverted dome	Inverted dome	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
2-way shallow coaxial kit	2-way coaxial elliptic kit	3-way coaxial elliptic kit
6½" (165mm)	5 x 7" (130 x 180mm)	6 x 9" (164 x 235mm)
Polypropylene	Polypropylene	Polypropylene
Ferrite	Ferrite	Ferrite
17/8" (48.5mm)	2¾" (59.5mm)	3½6" (78mm)
1" (25mm)	1" (25mm)	1¾" (35mm)
Inverted dome	Inverted dome	Inverted dome tweeter/midrange
6dB/oct	6dB/oct	6dB/oct
4Ω	4Ω	4Ω
110W	120W	160W
55W RMS	60W RMS	80W RMS
91dB	91.6dB	92dB
60Hz - 21kHz	60Hz - 21kHz	50Hz - 20kHz
Supplied with grilles, fastening and screws	Supplied with grilles, fastening and screws	Supplied with grilles, fastening and screws

71 |





	ASE 130	ASE 165
Туре	2-way component kit	2-way component kit
Diameter	5" (130mm)	6½" (165mm)
Cone	Polypropylene	Polypropylene
Motor	Ferrite	Ferrite
Mounting depth	2½" (55.5mm)	2¾" (62.5mm)
Voice coil diameter	1" (25mm)	1" (25mm)
Tweeter	Inverted dome	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		AP 4340
2-way shallow component kit	Туре	Class AB Amplifier 4/3/2 channels RCA inputs
6½" (165mm)		
Polypropylene	CEA Power (4Ω)	4 x 70W RMS
Ferrite		
1½" (48.5mm) Max. power (2Ω)		4 x 95W RMS
1" (25mm)		
Inverted dome	Max. power (bridged 4Ω)	2 x 190W RMS
Separated pre-wired: 12dB/oct		
4Ω	Crossovers	High-Pass (channel 1-2): 60Hz - 1.2kHz High-Pass (channel 3-4):
110W	Crossovers	100Hz-2.2kHz Low-Pass : 50 - 250Hz
55W RMS		
91dB	Functions	Full Range
60Hz - 21kHz		13¾ x 2 x 9¼" (340 x 50 x 235mm)
Supplied with grilles, blinding and screws	Dimensions (DxWxH)	

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
Туре	Bass-reflex subwoofer	Bass-reflex subwoofer	Subwoofer
Diameter	10" (25cm)	10" (25cm)	10" (25cm)
Cone	Polypropylene	Polypropylene	Polypropylene
Motor	Ferrite	Ferrite	Ferrite
Surround technology	Butyl	Butyl	Butyl
Voice coil diameter	2" (50mm)	2" (50mm)	1" (20mm)
Impedance	4Ω	$4\Omega + 4\Omega$	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 - 500kHz	32Hz - 500kHz	39Hz - 500kHz
Suggested load volume	Sealed enclosure : 0.35 to 0.88 cu ft Bass-reflex : 0.88 to 1.23 cu ft	Sealed enclosure : 0.35 to 0.88 cu ft Bass-reflex : 0.88 to 1.41 cu ft	Sealed enclosure : 0.35 to 0.88 cu ft







SUB 12	SUB 12 DUAL	SUB 12 SLIM
Bass-reflex subwoofer	Bass-reflex subwoofer	Subwoofer
12" (30cm)	12" (30cm)	12" (30cm)
Polypropylene	Polypropylene	Polypropylene
Ferrite	Ferrite	Ferrite
Butyl	Butyl	Butyl
2" (50mm)	2" (50mm)	1" (20mm)
4Ω	$4\Omega + 4\Omega$	4Ω
600W	600W	560W
300W RMS	300W RMS	280W RMS
88dB	88dB	87dB
30Hz - 500kHz	29Hz - 50kHz	35Hz - 500kHz
Sealed enclosure : 0.53 to 1.06 Bass-reflex : 1.06 to 1.23 cu ft	Sealed enclosure : 0.53 to 1.06 cu ft Bass-reflex : 1.06 to 1.23 cu ft	Sealed enclosure : 0.53 to 1.06 cu ft

77







	BOMBA BP 20	IBUS 2.0	IBUS 2.1
Туре	Compact active subwoofer enclosure Class D amplifier High and low level audio input (OEM and aftermarket head units compatibility)	Active enclosure with subwoofer	Active enclosure with subwoofer True 2.1 system 1 amplifier for the subwoofer 1 amplifier for the front channel very high power
Woofer diameter	8" (200mm)	8" (200mm)	8" (200mm)
Impedance	-	-	-
Sub max. power	300W	150W	150W
Sub nom. power	150W RMS	75W RMS	75W RMS
Sensitivity (2.83V/1m)	-	-	-
Frequency response	20Hz - 125Hz	45Hz - 150Hz	45Hz - 150Hz
Speaker max. power	-	-	2 x 110W RMS
Speaker nom. power	-	-	2 x 55W RMS
Function	Bandpass technology Phase selector : 0 - 180° Adjustable frequency cut off : 45Hz - 120Hz	High-level inputs Autopower ON	High-level inputs Autopower ON Amplification 2 front channels
Accessories	-	Remote & <i>Plug & Play</i> wiring	Remote & <i>Plug & Play</i> wiring
Weight	24.4lbs (11kg)	11.1lbs (5kg)	11.3lbs (5.1kg)
Dimensions (HxlxP)	17½ x 9½ x 12½ " (249 x 439 x 323mm)	2 ¹³ / ₆ x 13% ₆ x 9 ¹³ / ₆ " (71.5 x 344 x 250mm)	2 ¹³ / ₆ x 13% ₆ x 9 ¹³ / ₆ " (71.5 x 344 x 250mm)





PSB 200	ISUB TWIN
Compact passive subwoofer enclosure	Underseat passive subwoofers
8" (200mm)	-
4Ω	2Ω
250W	2 x 200W
150W RMS	2 x 100W RMS
83dB	83dB
45Hz - 150Hz	50 - 150Hz
-	-
-	-
-	-
Screws, fixation system	Fixation system
15.7lbs (7kg)	2 x 6lbs (2 x 2.7kg)
19¼ x 45% x 12" (109 x 489 x 304mm)	10¼ x 9½ x 3%" (260 x 240 x 80mm)



Supplied with cables

IY BUS

Only one remote to control the sound level of the two Ibus enclosures (Ibus 2.0/2.1)

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.



| 81 |









	FPX 5.1200	FPX 4.400 SQ	FPX 4.800
Туре	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 (DxWxH)	11 ¹³ / ₁₆ x 6 ⁷ / ₈ x 2 ¹ / ₄ " (300 x 175 x 57mm)	12¾ x 6¾ x 2¼" (314 x 175 x 57mm)	9% x 5% x 2%" (237 x 132 x 53mm)







FPX 1.1000	FDS 4.350	FDS 1.350
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)
111¼6 x 5¾6 x 2¼6″ (297 x 132 x 53mm)	7 ¹³ / ₆ x 4½ x 1 ¹ ½ ₆ " (199 x 108 x 43mm)	7 ¹³ / ₆ x 4 ¹ / ₄ x 1 ¹¹ / ₁₆ " (199 x 108 x 43mm)



83





FSP-8

Туре	8-channel sound processor
Inputs	Selectable high/low-level inputs for compatibility with factory or after-market head units
	High-resolution digital input (24 bits/192kHz)
	Auxiliary stereo input

Max output (with 10 k Ω) 3.4V

Frequency response	Digital crossover OFF/-3 dB: 5Hz - 21kHz
Signal/Noise rati	-90dBA (analog input) -99dBA (optical)
Distortion - 10 kΩ - @ 1kHz (with 22kHz Low-Pass filter)	0.02 %
Accessoires	Remote control with LED screen (sold separately)
Dimensions (DxHxW)	5%6"x8%6"x1%" (135 x 218 x 48mm)



FSP-8 REMOTE CONTROL

Enables you to control the main functions of the FSP-8: Adjust overall gain, subwoofer volume, and input selection for the FSP-8 Reminds you of the stored pre-sets Notched knob LED backlit screen



LOGICIEL FOCAL FSP-8 MANAGER

PC compatibility: Windows XP/Vista/Seven/8/10 Simplified set-up and dynamic help Equalizer: 10 bands, fully customisable for every single channel High-pass/low-pass filter/bandpass control: 16Hz - 20kHz Delay adjustment range: 0-22ms per channel Delay adjustment incrementation: 0.1ms Phase inverter





IMPULSE 4.320

Туре	Class D ultra-compact Amplifier - 4/3/2 channels	
CEA power (4 Ω)	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)	6% x 1% x 2%" (175 x 47 x 66.5mm)	



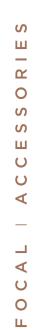
HII O V3

	HILO V3		
Туре	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 %		



IY - AC IMPULSE 4.320

Adapter Y cable Focal Impulse 4.320



85









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

1 roll: 15 AWG 12m x 1.5mm² (39ft)

ES 25

1 roll: 13 AWG 12m x 2.5mm² (39ft)

ES 4

1 roll: 11 AWG 12m x 4mm² (39ft)







PR 5

PR 5

RCA cable 5m (16.4ft) Male/male plugs

2 x 90° bent plugs for difficult locations PS 15

Flat speaker cable 15 AWG/1.5mm² 1 roll: 39ftx15 AWG (12m x 1.5mm²)

> High performances, easy to install Soft touch insulant



PS 25

Flat speaker cable 13 AWG/2.5mm² Roll: 39 ft x 13 AWG (12m x 2.5mm²)

High performances, easy to install Soft touch insulant





PK 8

8 AWG

Complete supply kit (amplifier/speakers)

16ft (4.9m) supply cable (8.3mm²) 3.3ft (1m) ground cable (8.3mm²) 32.8ft (10m) speaker cable

16.4ft (5m) remote cable1
6.4ft (5m) RCA cable (2x90° bent plugs and 2 straight plugs)
60A fuse-box
Accessory pack

PK 21 4 AWG

Complete supply kit (amplifier/speakers)

16ft (4.9m) supply cable (21mm²)
3.3ft (1m) ground cable (21mm²)
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

2

1 roll of $19^{1}\%_{6} \times 236\%''$ (50 x 600cm) (3m²) 1 sheet $19^{1}\%_{6} \times 78^{3}\%''$ (50x200cm) (1m²)

B.A.M XL

Set of 11 composite tools to remove door panel

TOOL SET



UTOPIA M



K2 POWER





COLLECTIONS

Combining performance and design, Focal's collections are a revelation, awakening the emotions : at home with hi-fi and in-wall/ in-ceiling loudspeakers, Home Cinema systems and open-/closedback headphones; on the go with incar kits; during travel with Bluetooth® Noise Cancelling Headphones; in the studio with monitors; for outdoor spaces and at sea with specialist yacht solutions.







Home Collection





Motorities Collection





Professional Collection

FOCAL Purely naim

Enjoy an incredible sound experience

Find our products in 10,000 retail partner stores across the world, but also in our Focal Powered by Naim shops. These shops, dedicated to our brands, invite you to dive into our world, our savoir-faire and immerse yourself in the Focal & Naim sound.

ASIA

Beijing - Bengaluru Dubai - Guangzhou Seoul Gangnam-gu Seoul Hanam Taipei

AUSTRALIA

Adélaide - Melbourne Perth - Sydney

EUROPE

Cannes - Lyon
Perpignan
Berlin
Bad Schwartau
Sevenoaks
Norwich
Prague
Bucarest

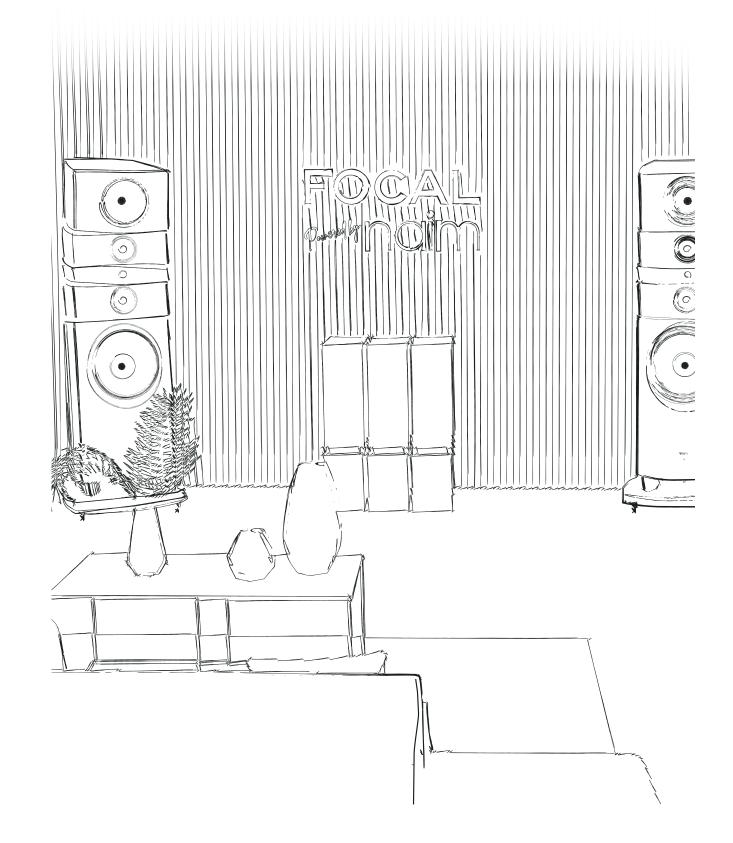
Vilnius

CANADA

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For more information, scan the QR code or find us at:

www.focal.com



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