### MOTORITIES COLLECTION

2021



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.





O3.
FLAX EVO









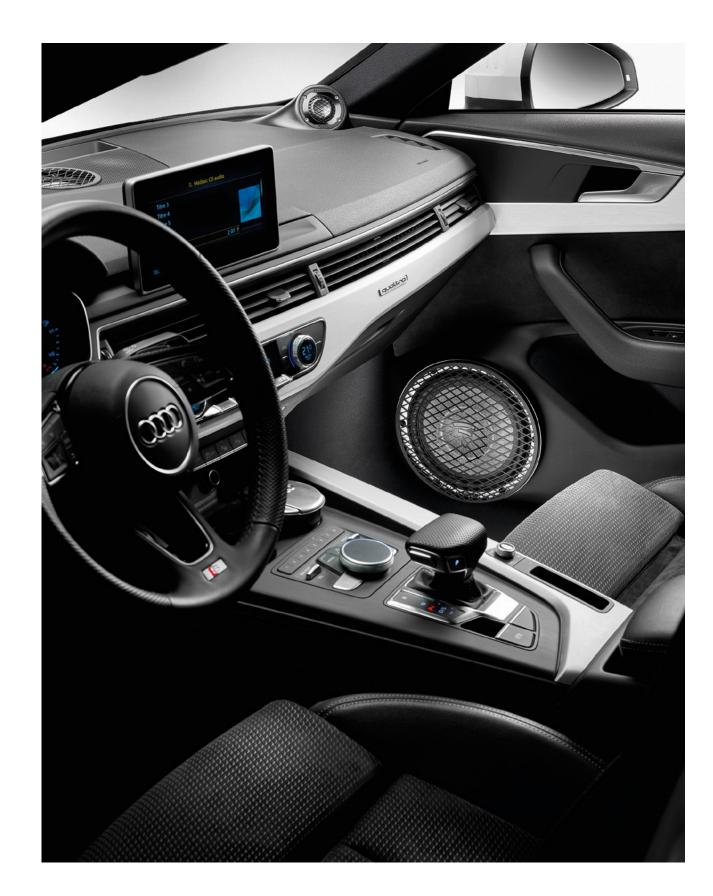
**08.**SUBWOOFERS, ACCESSORIES
& ELECTRONICS

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## 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.









'M'-shaped 'W' sandwich cone



TMD® surround



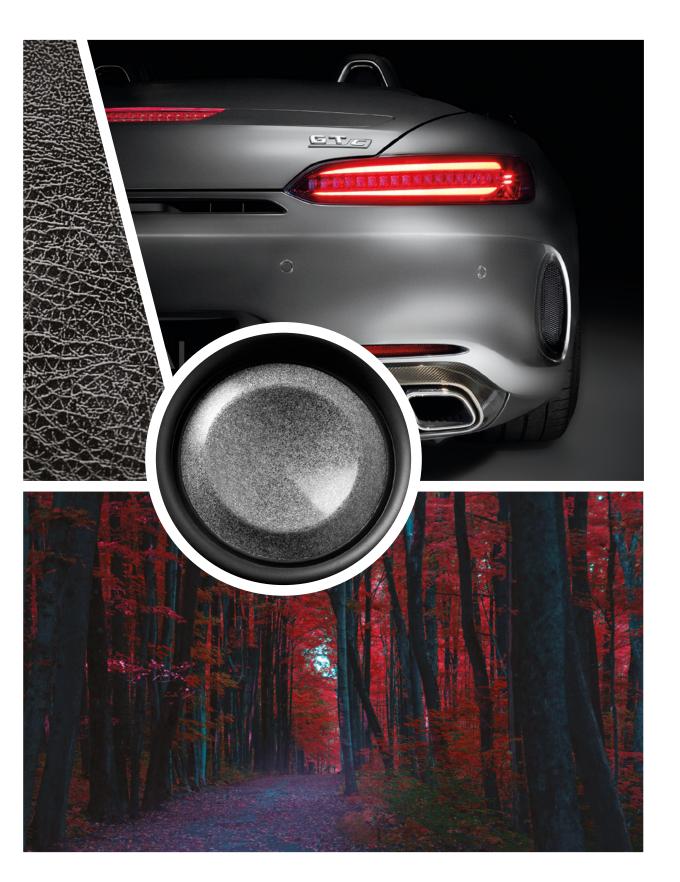
Designer bowl



Neodymium magnet



Elegant, designer grille











	TBM	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	‰" (9mm)	1¼" (31mm)	2" (51.5mm)	2½6" (52mm)
Voice coil diameter	1" (25m)	1¾" (45mm)	3½" (80mm)	31/8" (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®)
Neodymium	Motor	Ferrite
4¼" (108mm)	Mounting depth	2 <sup>15</sup> / <sub>16</sub> " (74mm)
Dual voice coil $4\frac{3}{4}$ " (120mm)	Voice coil diameter	1¼" (32mm)
2 x 4Ω	Tweeter	Pure Beryllium inverted dome
800W	Crossover	Separated: 12/18dB bi-amp
400W RMS	Adjustable tweeter level	+3; 0; -3dB/oct
	Impedance	2Ω
87.5dB	Max. power	200W
25Hz - 800Hz	Nom. power	100W RMS
Sealed enclosure:	Sensitivity (2.83 V/1 m)	93dB
0.35 to 0.52 cu ft	Frequency response	60Hz - 40kHz
-	Accessories	Grilles included



Optional 'M' profile aluminium ring

**3.5" GRILLE** 



Optional 'M' profile aluminium ring

6" GRILLE



Optional 'M' profile aluminium ring

8" GRILLE

02.

### 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.









Aluminium chassis



TMD® surround



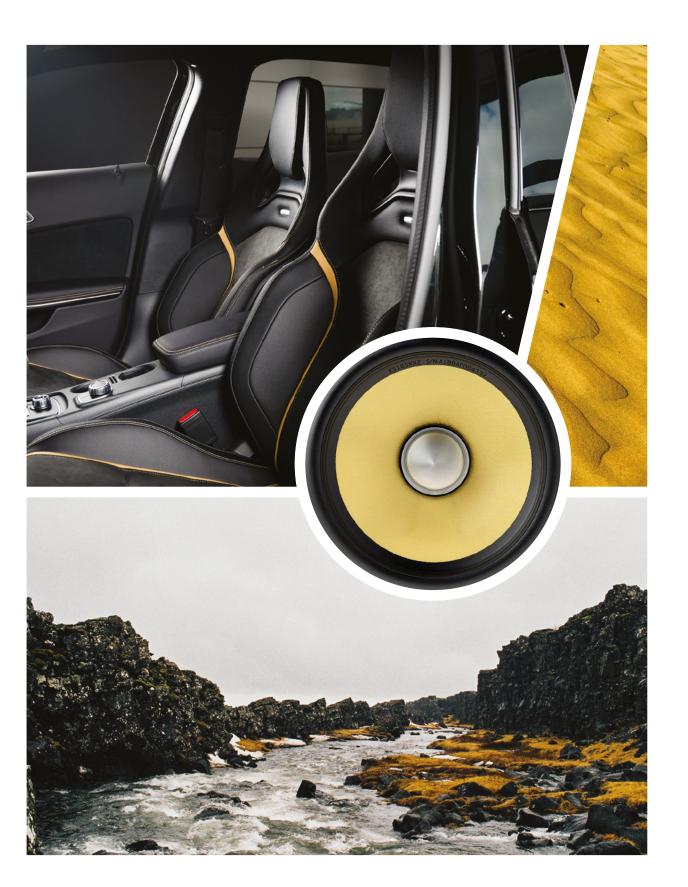
Ventilated magnet



Audiophile crossover



K2 tweeter with 'M'-shaped dome



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	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 <sup>15</sup> / <sub>16</sub> " (74mm)	1%6" (39mm)	2¾" (60.4mm)
Voice coil diameter	1" (25mm)	<sup>13</sup> / <sub>16</sub> " (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 <sup>15</sup> / <sub>16</sub> " (74mm)	2 <sup>15</sup> / <sub>16</sub> " (73.9mm)
1¼" (32mm)	1¼" (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





	ES 165 KX2	ES 165 KX3
Туре	2-way component kit	3-way component kit
<b>D</b>	01/11/405	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	remte	Midrange: Neodymium
Mounting	3" (75.9mm)	Woofer: 3" (75.9mm)
depth	3 (75.911111)	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%6" (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
-	-

## O3. 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



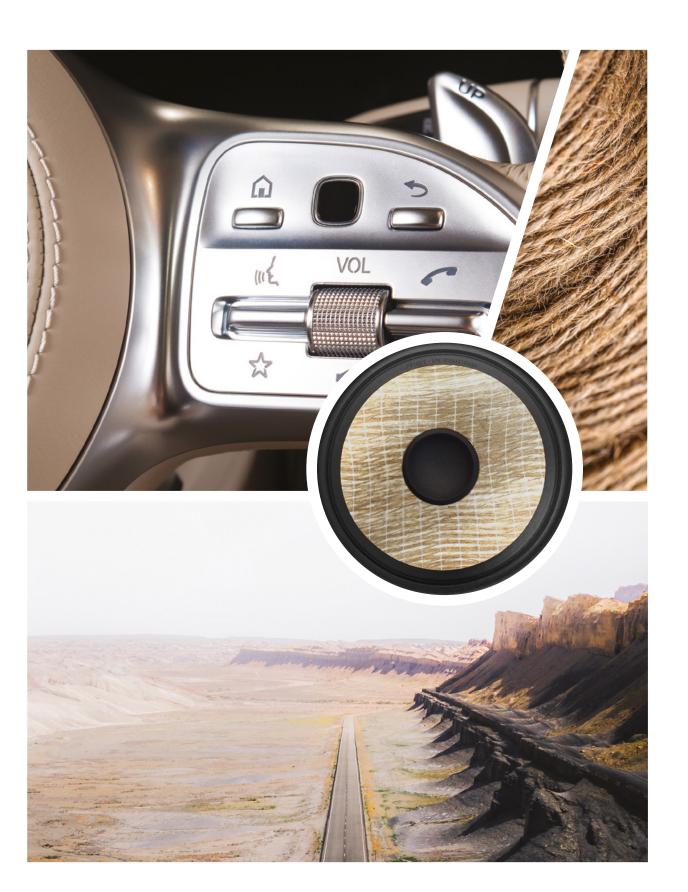
Ferrite magnet



TAM® tweeter



Audiophile crossover









	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)	2%" (59.7mm)	2½" (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	4 Ω	4 Ω	4 Ω
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
C1/II (1CF)	C1/# (1CF)	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)
11/" (72mm)	11/" (72mm)	Woofer: 11/4" (32mm)
1¼" (32mm)	1¼" (32mm)	Midrange: 1" (25mm)
TAM ('M'-profile Al/Mg inverted dome)	TAM ('M'-profile Al/Mg inverted dome)	TAM ('M'-profile AI/Mg inverted dome)
Separated:	Bi-amp separated:	Separated:
12/12dB/oct	12-18dB/oct	12/12-18dB/oct
0/-3dB	0/-3dB	0/-3dB
4 Ω	4 Ω	4 Ω
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)	76mm
Voice coil diameter	1½" (38mm)	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



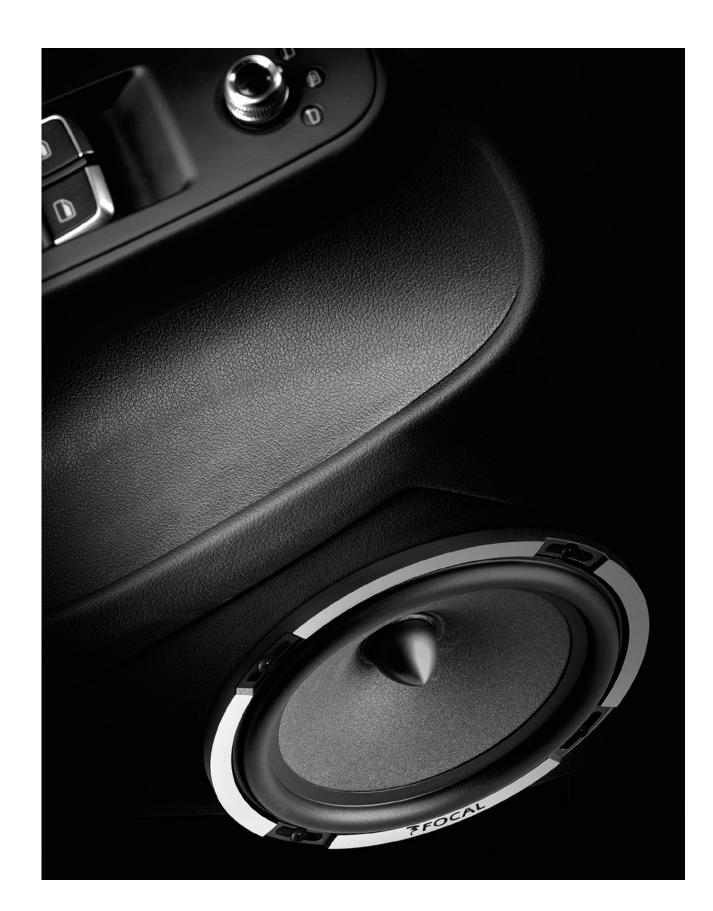


P 25 FE	P 25 FSE
Sealed box and bass-reflex subwoofer	Sealed box subwoofer
10" (250mm)	10" (250mm)
Flax sandwich	Flax sandwich
Dual ferrite	Dual ferrite
5%ε" (140.6mm)	3" (76mm)
2" (50mm)	1½" (38mm)
4Ω	4Ω
600W	560W
300W RMS	280W RMS
85dB	86dB
33Hz - 500Hz	41Hz - 400Hz
Sealed enclosure: 0.35 to 0.88 cu ft Bass-reflex: 0.88 to 1.23 cu ft	Sealed enclosure: 0.42 to 0.64 cu ft (12 to 18 l)

# **04.**POLYGLASS

#### A winning combination

Forget your current audio system and treat yourself to a rejuvenated sound experience with our Polyglass kits that combine power, durability and compactness. Over the years, 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 that has no colouration.









Aluminium chassis



Butyl surround



Chrome magnet



Aluminium tweeter



Diamond cutting









	PC 100	PC 130	PC 165
Туре	2-way coaxial kit	2-way coaxial kit	2-way coaxial kit
Diameter	4" (100mm)	4" (100mm)	4" (100mm)
Cone	Polyglass	Polyglass	Polyglass
Motor	Ferrite	Ferrite	Ferrite
Mounting depth	2" (51.5mm)	2¼" (56.5mm)	2%ε" (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)	57/16" (138.6mm)	65/16" (160.5mm)
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	-	-

05.

### 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



Curved grilles



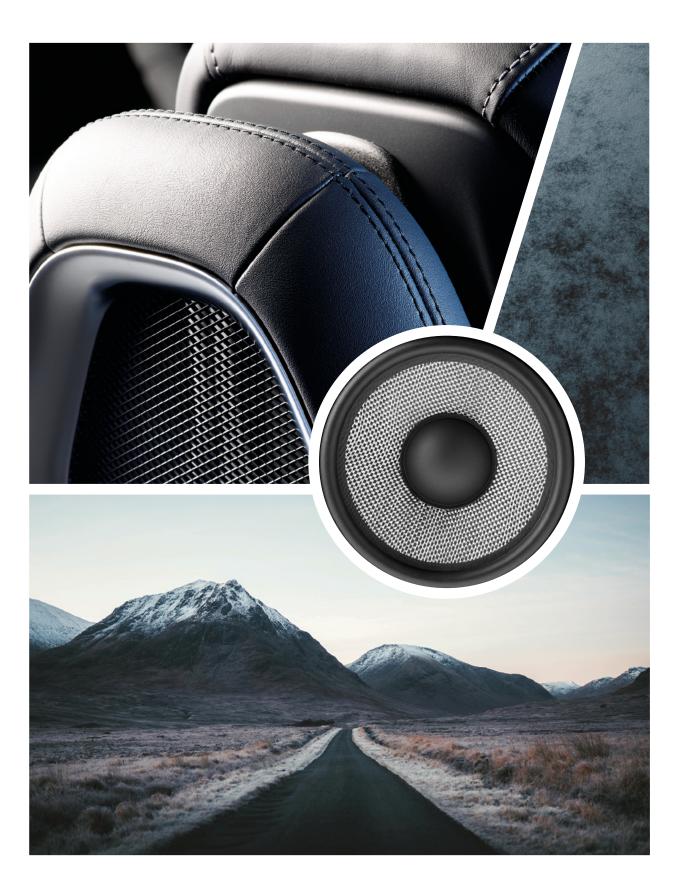
Adjustable tweeter level



Aluminium dome tweeter



Butyl surround



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	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)	1¾ε" (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







	130 AS	165 AS	165 AS3
Туре	2-way component kit	2-way component kit	3-way component kit
Diameter		6½" (165mm)	Woofer : 6½" (165mm)
Diameter	5" (130mm)	672 (165HHH)	Midrange : 31/8" (80mm)
Cone	DFS® (Dual Fiberglass Structure)	DFS® (Dual Fiberglass Structure)	DFS® (Dual Fiberglass Structure)
Motor	Ferrite	Ferrite	Ferrite
Mounting	21/8" (54.7mm)	2½" (62.9mm)	Woofer : 2½" (62.9mm)
depth	278 (34.711111)	272 (62.911111)	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
-	-

# 06. 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



Butyl surround



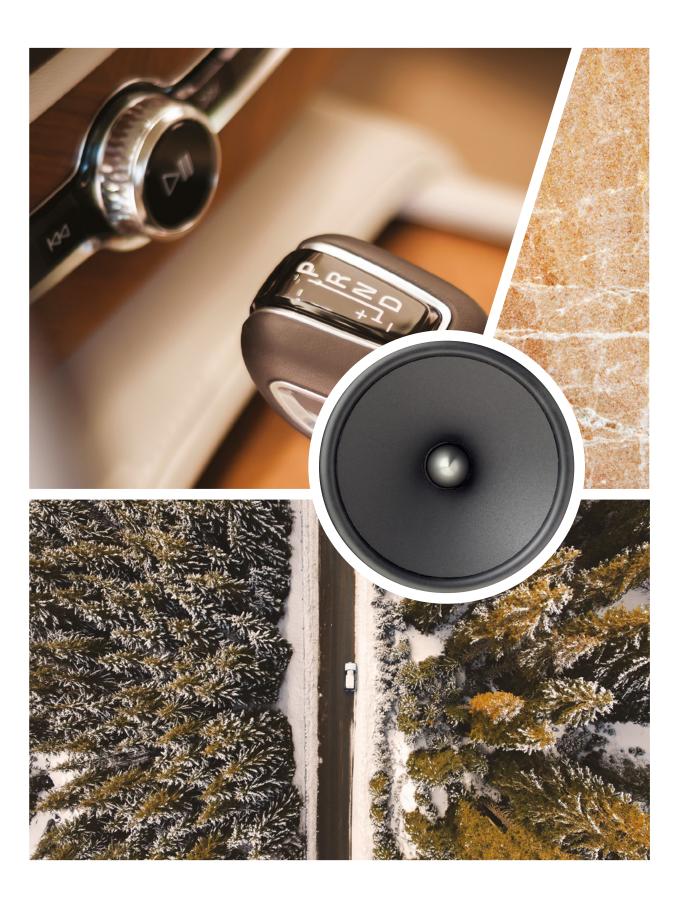
Integrated crossover



AI/Mg tweeter



Compact size









	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%6"(49mm)	1 <sup>1</sup> 5/ <sub>6</sub> "(48.9mm)	1 <sup>15</sup> / <sub>16</sub> "(48.4mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Al/Mg inverted dome	Al/Mg inverted dome	AI/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 inverted dome	AI/Mg 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

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	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" (2300mm)
Cone	Polyglass	Polyglass	Polyglass
Motor	Ferrite	Ferrite	Ferrite
Mounting depth	1 <sup>15</sup> /16" (48.9mm)	1¹⁵⁄₁₅″ (48.4mm)	2½" (63.5mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	Al/Mg inverted dome	AI/Mg inverted dome	AI/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 <sup>15</sup> / <sub>16</sub> " (49.4mm)
Polyglass	AI/Mg inverted dome
Ferrite	Neodymium
35/16" (83.5mm)	<sup>1</sup> 1/16" (16.8mm)
1" (25mm)	<sup>13</sup> / <sub>16</sub> " (20mm)
Al/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

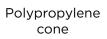
# O7. AUDITOR

#### Your Focal installation début

With Auditor, treat yourself to your first high quality Focal audio installation at a very competitive price. This range offers high power handling as well as heightened sensitivity, to ensure excellent performance levels once the system is connected to the original car radio or an amplifier. Rediscover the pleasure of driving to music!









Mylar inverted dome tweeter



'U'-shaped surround



Steel bowl



Tweeter support



ABS grille









	RCX-100	RCX-130	RCX-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	11/8" (48.2mm)	2½" (54.5mm)	3¾" (86mm)
Voice coil diameter	1" (25mm)	1" (25mm)	1" (25mm)
Tweeter	1" Mylar inverted dome	1" Mylar inverted dome	1" 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 screw	Supplied with grilles, fastening and screw	Supplied with grilles, fastening and screw





RCX-570	RCX-690
2-way coaxial elliptic kit	3-way coaxial elliptic kit
5 x 7" (130 x 180mm)	6 x 9" (164 x 265mm)
Polypropylene	Polypropylene
Ferrite	Ferrite
2¾" (60mm)	3¾6″ (80.5mm)
1" (25mm)	1¾" (35mm)
1" Mylar inverted dome	1" Mylar inverted dome tweeter/midrange
6db/oct	6db/oct
4Ω	4Ω
120W	160W
60W RMS	80W RMS
91.6dB	92dB
60Hz - 21kHz	50hZ - 21kHz
Supplied without grille	Supplied with grilles, fastening and screws





	RSE-130	RSE-165
Туре	2-way component kit	2-way component kit
Diameter	5" (130mm)	6½" (165mm)
Cone	Polypropylene	Polypropylene
Motor	Ferrite	Ferrite
Mounting depth	21/8" (54.5mm)	33/8" (86mm)
Voice coil diameter	1" (25mm)	1" (25mm)
Tweeter	1" Mylar inverted dome	1" Mylar inverted dome
Crossover	Separated pre-wired: 12dB/oct	Separated pre-wired: 12dB/oct
Impedance	4Ω	$4\Omega$
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
Suggested load volume	-	-
Accessories	Supplied with grilles, fastening and screws	Supplied with grilles, blinding and screws





RSB-250	RSB-300
Subwoofer	Subwoofer
10" (250mm)	12" (300mm)
Polypropylene	Polypropylene
Ferrite	Ferrite
45/8" (117mm)	59/16" (142mm)
Dual voice coil: 2" (50mm)	Dual voice coil: 2" (50mm)
-	-
-	-
2 x 4Ω	2 x 4Ω
500W	600W
250W RMS	300W RMS
88dB	90dB
35Hz - 500Hz	30Hz - 500Hz
Sealed enclosure: 0.71 to 1.06 cu ft	Sealed enclosure: 1.061 to 1.41 cu ft
-	-

08.

# SUBWOOFERS, ACCESSORIES & ELECTRONICS

In combination with and as a complement to our installations, we offer a range of subwoofers, amplifiers and cables so you can enjoy an all-round solution. With our subwoofers, whether passive or active, bass-reflex or ultra-flat, enjoy the power of the bass. 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.









	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 channels 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 &amp; Play</i> wiring	Remote & <i>Plug &amp; Play</i> wiring
Weight	24.4lbs (11kg)	-	-
Dimensions (HxlxP)	175/6 x 913/6 x 1211/6" (249 x 439 x 323mm)	2 <sup>13</sup> / <sub>6</sub> x 13% <sub>6</sub> x 9 <sup>13</sup> / <sub>6</sub> " (71.5 x 344 x 250mm)	2 <sup>13</sup> / <sub>6</sub> x 13% <sub>6</sub> x 9 <sup>13</sup> / <sub>6</sub> " (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 (2x 2.7 kg)
19¼ x 45% x 12" (109 x 489 x 304mm)	10¼ x 9½ x 3½" (260 x 240 x 80mm)



Supplied with cables

#### IY BUS

Only one remote to control the sound level of the two Ibus enclosures (Ibus 20/2.1)

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	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 $4\Omega$ )	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 <sup>13</sup> / <sub>6</sub> x 6 <sup>7</sup> / <sub>8</sub> x 2 <sup>1</sup> / <sub>4</sub> " (300 x 175 x 57mm)	12¾ x 6% x 2¼" (314 x 175 x 57mm)	9½ x 5¾ x 2½" (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 58 W 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 <sup>1</sup> 1/ <sub>6</sub> x 5 <sup>3</sup> / <sub>6</sub> x 21/ <sub>6</sub> " (297 x 132 x 53mm)	7 <sup>13</sup> / <sub>16</sub> x 4 <sup>1</sup> / <sub>4</sub> x 1 <sup>11</sup> / <sub>16</sub> " (199 x 108 x 43mm)	7 <sup>13</sup> / <sub>6</sub> x 4 <sup>1</sup> / <sub>4</sub> x 1 <sup>11</sup> / <sub>6</sub> " (199 x 108 x 43mm)







#### 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 $\Omega$ ) 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 (LxHxW)	5%6"x8%6"x17%" (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 Equaliser: 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 (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 (LxHxI)	6% x 1% x 2%" (175 x 47 x 66.5mm)

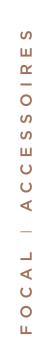


	HILO V3
Туре	High-level to RCA line stereo converter
Function	Converts a stereo amplified signal in two low-level line outputs for an amplifier DC and AC detection modes Automatic remote output Speaker simulation network to avoid head-unit muting
Bandwith (+/-1dB)	10Hz - 140kHz
Signal/Noise ratio	100dB
Distorsion	< 0.01 %



#### IY - AC IMPULSE 4.320

Adapter Y cable Focal Impulse 4.320











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 1.5mm<sup>2</sup> (39ft)

**ES 25** 

1 roll: 13 AWG 12m x 2.5mm² (39ft)

ES 4

1 roll: 11 AWG 12m x 4mm<sup>2</sup> (39ft)







#### 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/1.5mm<sup>2</sup> 1 roll: 39ftx15 AWG (12m x 1.5mm<sup>2</sup>)

> High performances, easy to install Soft touch insulant

#### **PS 25**

Flat speaker cable 13 AWG/2.5mm<sup>2</sup> Roll: 39 ft x 13 AWG (12m x 2.5mm<sup>2</sup>)

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** 

**B.A.M XL** 

**TOOL SET** 

1 roll of  $19^{1}\%_{6}$  x 236%'' (50 x 600cm) (3m<sup>2</sup>) 1 sheet  $19^{1}\%_{6}$  x  $78^{3}\%''$  (50x200cm) (1m<sup>2</sup>)

Set of 11 composite tools to remove door panel





UTOPIA M K2 POWER





### COLLECTIONS

Combining performance and design, Focal's collections are a revelation, awakening the emotions through a supreme listening experience. And it doesn't matter where you are. At home with traditional and in-wall / inceiling loudspeakers, Home Cinema systems and open-back headphones; on the go with closed-back headphones and in-car kits; in the studio with professional monitors; and even at sea with specialist yacht solutions.







Home Collection





**Motorities Collection** 





**Professional Collection** 



#### 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.

AUSTRALIA Adelaide - Melbourne -Perth - Sydney

> **CHINA** Guangzhou

CZECH REPUBLIC Prague

rague Seo

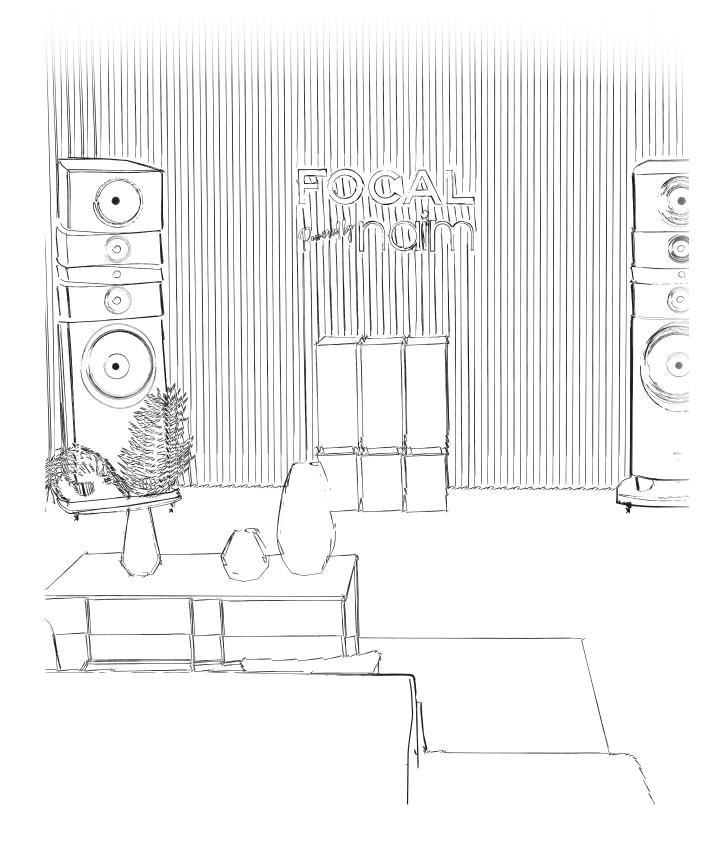
**FRANCE**Cannes - Lyon - Perpignan

GERMANY Berlin SOUTH KOREA

Seoul Gangnam-gu -Seoul Hanam

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