

VOCE

AV 1.1 TWEETER



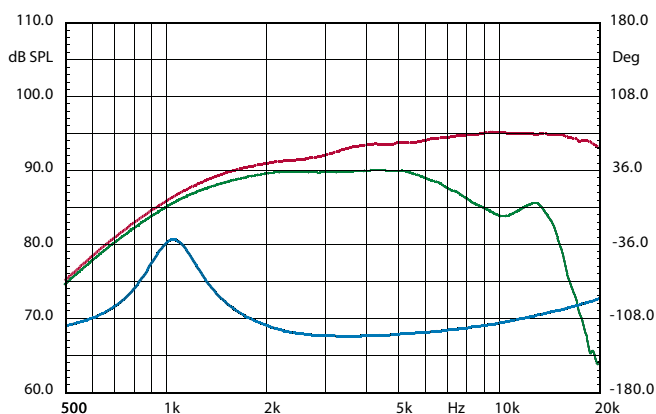
TECHNICAL SPECIFICATIONS

Component	Tweeter	
Size	mm	28 (1" 1/8)
Power Handling	W Peak	180
	Hi-pass filtered 2.0 kHz @ 12 dB Oct.	
Impedance	Ohm	4
Frequency Response	Hz	1.2k ÷ 22k
Sensitivity dB/SPL		92
Outer Ø	mm	48
Mounting Ø	mm	44,8
Total depth	mm	28
Mount. depth	mm	15,2
Magnet size	mm	27,9
Weight of one speaker	kg	0,073
Voice Coil Ø	mm	28

- 1 Tetolon® dome, a combination of silk and cotton with proprietary damping treatment, provides low mass and resonance-free response up to ultrasonic frequencies.
- 2 CCAW (Copper Clad Aluminium Wire) voice coil wound on double layer, extremely lightweight and compact, resulting very high efficiency and a crisp, dynamic sound.
- 3 The annular geometry of the Rear Damping Chamber, together with the proprietary damping material, extends the frequency response to lower limits and reduces harmonic distortion.
- 4 High flux density Neodymium® magnet, for very high efficiency and dynamic sound.

ELECTRO-ACOUSTIC PARAMETERS

D	mm	28
Xmax	mm	-
Re	Ohm	3,3
Fs	Hz	1000
Le	mH @ 1 kHz	0,30
Le	mH @ 10 kHz	0,03
Vas	l	-
Mms	g	0,3
Cms	mm/N	0,07
BL	T-m	2,2
Qts		1,04
Qes		1,38
Qms		4,20
Spl	dB	92



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AV 3.0 MIDRANGE



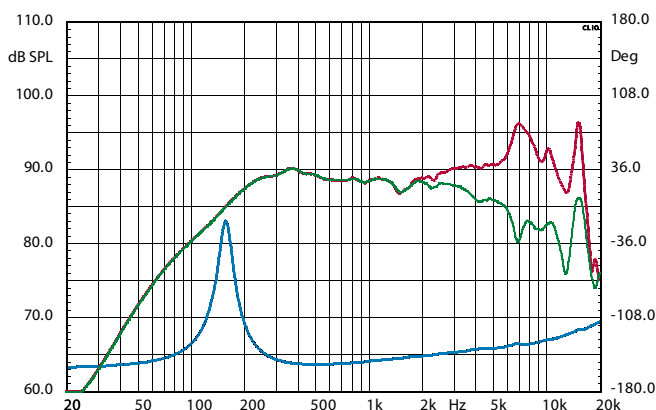
TECHNICAL SPECIFICATIONS

Component	Midrange	
Size	mm	70 (3")
Power Handling	W Peak	100
	W continuous	50
Impedance	Ohm	4
Frequency Response	Hz	200 ÷ 14k
Sensitivity	dB/SPL	93
Outer Ø	mm	88
Mounting Ø	mm	73
Total depth	mm	40,5
Mount. depth	mm	37,5
Magnet size	mm	46
Weight of one speaker	kg	0,290
Voice Coil Ø	mm	20

- 1 The profile of the aerodynamic basket's spokes, along with the "open-air" design, ensures drastic reduction of back-wave reflections.
- 2 The exclusive Triple Wave surround profile and selected materials provide full linearity as well as reliable performance.
- 3 Extremely lightweight and compact, the CCAW (Copper Clad Aluminium Wire) voice coils provide very high efficiency and optimal thermal dissipation.
- 4 Cotton-fibre pressed paper cone with Light Damping treatment.
- 5 The Radial Venting System ensures high thermal capability, power handling and reliability.
- 6 High flux density Neodymium magnet, for very high efficiency and dynamic sound.

ELECTRO-ACOUSTIC PARAMETERS

D	mm	66
Xmax	mm	2
Re	Ohm	3,0
Fs	Hz	160
Le	mH @ 1 kHz	0,12
Le	mH @ 10 kHz	0,07
Vas	l	0,38
Mms	g	4,4
Cms	mm/N	0,24
BL	T-m	4,05
Qts		0,64
Qes		0,74
Qms		4,70
Spl	dB	93



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AV 6.5 WOOFER

TECHNICAL SPECIFICATIONS

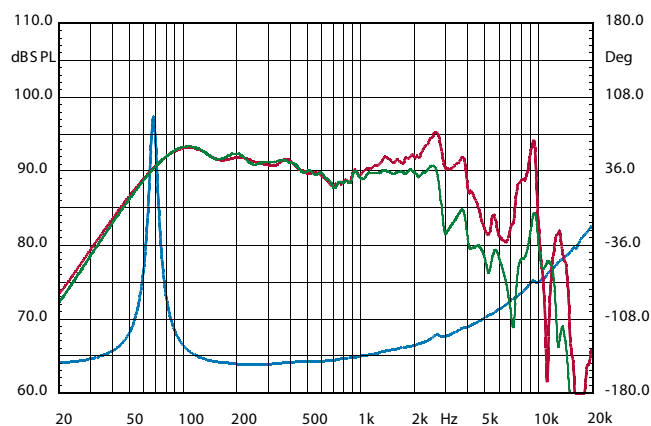
Component	Woofer	
Size	mm	165 (6" ½)
Power Handling	W Peak	200
	W continuous	100
Impedance	Ohm	4
Frequency Response	Hz	50 ÷ 7k
Sensitivity	dB/SPL	91
Outer Ø	mm	167
Mounting Ø	mm	146
Total depth	mm	75,5
Mount. depth	mm	69
Magnet size	mm	90
Weight of one speaker	kg	1,210
Voice Coil Ø	mm	30

ELECTRO-ACOUSTIC PARAMETERS

D	mm	130
Xmax	mm	3
Re	Ohm	3,5
Fs	Hz	68
Le	mH @ 1 kHz	0,31
Le	mH @ 10 kHz	0,17
Vas	l	8,18
Mms	g	16,1
Cms	mm/N	0,34
BL	T-m	5,46
Qts		0,74
Qes		0,82
Qms		7,84
Spl	dB	91



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AV12 SUBWOOFER

TECHNICAL SPECIFICATIONS

Component	Single coil Subwoofer	
Size	mm	300 (12")
Power Handling	W Peak	1000
	W continuous	500
Impedance	Ohm	4
Freq. Response	Hz	25 ÷ 1k
Sensitivity	dB/SPL	91
Outer Ø	mm	318
Mounting Ø	mm	285
Total depth	mm	155
Mount. depth	mm	143
Magnet size	mm	180
Total driver displacement	l	2,8
Weight of one component	kg	8,350
Voice Coil Ø	mm	60
Magnet	Single magnet, High density flux ferrite	
Cone	Cotton-fiber pressed paper with light damping	
Xmech*	mm	22

ELECTRO-ACOUSTIC PARAMETERS

D	mm	260
Xmax	mm	15
Re	Ohm	3,7
Fs	Hz	32
Le	mH @ 1 kHz	1,08
Le	mH @ 10 kHz	-
Vas	l	82,2
Mms	g	119,6
Cms	mm/N	0,21
BL	T-m	11,84
Qts		0,52
Qes		0,63
Qms		3,06
Spl	dB	91



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AV X5 COAXIAL

TECHNICAL SPECIFICATIONS

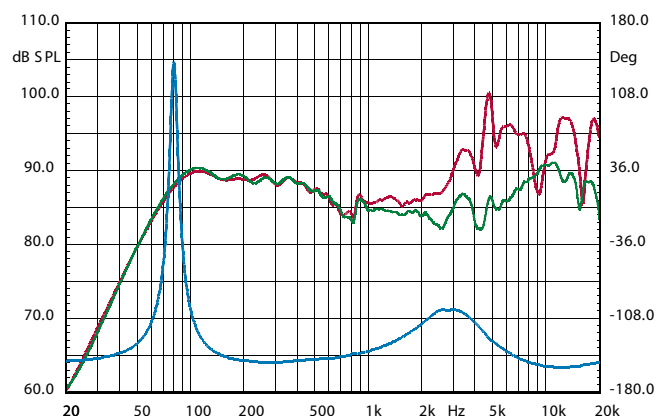
Component	2 way Coaxial	
Size	Woofer	130 (5" 1/4)
	Tweeter	25 (1")
Power Handling	W Peak	150
	W Continuous	75
Impedance	Ohm	4
Frequency Response	Hz	60 ÷ 22k
Sensitivity	dB/SPL	90
Crossover Included	3.5kHz @ 6/12 dB Oct.	
Outer Ø	mm	131
Mounting Ø	mm	115
Total depth	mm	71
Mount. depth	mm	65
Magnet size	mm	90
Weight of one speaker	kg	1,190
Voice Coil Ø	mm	25

ELECTRO-ACOUSTIC PARAMETERS

D	mm	103
Xmax	mm	3
Re	Ohm	3,5
Fs	Hz	81
Le	mH @ 1 kHz	0,53
Le	mH @ 10 kHz	-
Vas	l	3,14
Mms	g	11,2
Cms	mm/N	0,33
BL	T-m	5,05
Qts		0,73
Qes		0,80
Qms		8,91
Spl	dB	90



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- 5 Cotton-fibre pressed paper cone with Light Damping treatment.
- 6 Orientable High Frequency Tuning: controlled dispersion for the best performance in the listening point.
- 7 1" Tetolon® dome Neodymium tweeter.
- 8 On-wire dedicated crossover network.



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AV X6.5 COAXIAL

TECHNICAL SPECIFICATIONS

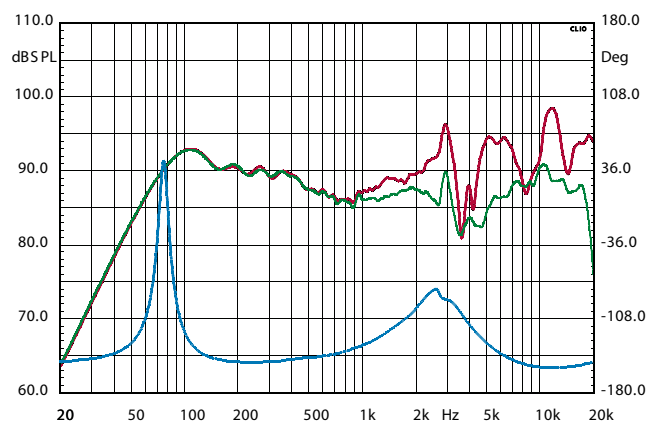
Component	2 way Coaxial	
Size	Woofers 165 (6" 1/2) mm Tweeter 25 (1")	
Power Handling	W Peak	200
	W continuous	100
Impedance	Ohm	4
Frequency Response	Hz	50 ÷ 22k
Sensitivity	dB/SPL	91
Crossover Included	3.5kHz @ 6/12 dB Oct.	
Outer Ø	mm	167
Mounting Ø	mm	146
Total depth	mm	75,5
Mount. depth	mm	69
Magnet size	mm	90
Weight of one speaker	kg	1,270
Voice Coil Ø	mm	30

ELECTRO-ACOUSTIC PARAMETERS

D	mm	130
Xmax	mm	3
Re	Ohm	3,5
Fs	Hz	68
Le	mH @ 1 kHz	0,59
Le	mH @ 10 kHz	-
Vas	l	8,18
Mms	g	16,1
Cms	mm/N	0,34
BL	T-m	5,46
Qts		0,74
Qes		0,82
Qms		7,84
Spl	dB	91



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AV K5 TWO WAY SYSTEM

TECHNICAL SPECIFICATIONS

Component	2 way system	
Size mm	AV 5.0 Woofer	130 (5" 1/4)
	AV 1.1 Tweeter	28 (1" 1/8)
Power Handling	W Peak	200
	W continuous	100
Impedance	Ohm	4
Frequency Response Hz	60 ÷ 22k	
Sensitivity	dB/SPL	90
Crossover included	LO/HI PASS 2.5 kHz @ 12/12 dB Oct.	
Component adjustment	Tweeter	+2; 0; -2
Outer Ø	Woofer	131
	Tweeter	48
Mounting Ø	Woofer	115
	Tweeter	44,8
Total depth	Woofer	71
	Tweeter	28
Mount. depth	Woofer	65
	Tweeter	15,2
Magnet size	Woofer	90
	Tweeter	27,9
Weight of one component kg	Woofer	1,125
	Tweeter	0,073
Voice Coil Ø	Woofer	25
	Tweeter	28

ELECTRO-ACOUSTIC PARAMETERS

D	mm	103
Xmax	mm	3
Re	Ohm	3,5
Fs	Hz	81
Le	mH @ 1 kHz	0,26
Le	mH @ 10 kHz	0,17
Vas	l	3,14
Mms	g	11,2
Cms	mm/N	0,33
BL	T-m	5,05
Qts		0,73
Qes		0,80
Qms		8,91
Spl	dB	90



TWEETER

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PASSIVE CROSSOVER

Especially designed for the AV K5 and AV K6 two-way complete systems, shapes their acoustic response to achieve a consistent, harmonious sound in any vehicle, also offering the acoustic controls necessary to achieve the best balance according to one's own taste.

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AV K6 TWO WAY SYSTEM

TECHNICAL SPECIFICATIONS

Component	2 way system	
Size mm	AV 6.5 Woofer	165 (6" 1/2)
	AV 1.1 Tweeter	28 (1" 1/8)
Power Handling	W Peak	250
	W continuous	125
Impedance	Ohm	4
Frequency Response	Hz	50 ÷ 22k
Sensitivity	dB/SPL	91
Crossover included LO/HI PASS 2.5 kHz @ 12/12 dB Oct.		
Component adjustment	Tweeter	+2; 0; -2 dB
Outer Ø mm	Woofer	167
	Tweeter	48
Mounting Ø mm	Woofer	146
	Tweeter	44,8
Total depth mm	Woofer	75,5
	Tweeter	28
Mount. depth mm	Woofer	69
	Tweeter	15,2
Magnet size mm	Woofer	90
	Tweeter	27,9
Weight of one component kg	Woofer	1,210
	Tweeter	0,073
Voice Coil Ø mm	Woofer	30
	Tweeter	28

ELECTRO-ACOUSTIC PARAMETERS

D	mm	130
Xmax	mm	3
Re	Ohm	3,5
Fs	Hz	68
Le	mH @ 1 kHz	0,31
Le	mH @ 10 kHz	0,17
Vas	l	8,18
Mms	g	16,1
Cms	mm/N	0,34
BL	T-m	5,46
Qts		0,74
Qes		0,82
Qms		7,84
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AVCX 2W MB

TWO WAY CROSSOVER

TECHNICAL SPECIFICATIONS

Component	Two Way Passive Crossover	
Size	mm	88,3x123x36
	inch	3 ^{1/2} x 4 ^{13/16} x 1 ^{7/16}
Power Handling	W peak	250
	W continuous	125
Crossover Frequency	Hz	2,5k
Slope	dB/Oct.	12/12
Specific Components	AV 1.1	+ AV 5.0
		AV 6.5
Adjustment	+2; 0; -2 dB	TW



Especially designed for the AV K5 and AV K6 two-way complete systems, shapes their acoustic response to achieve a consistent, harmonious sound in any vehicle, also offering the acoustic controls necessary to achieve the best balance according to one's own taste.



TWEETER AV 1.1



WOOFER AV 5.0



WOOFER AV 6.5

AVCX 2W MH

TWO WAY CROSSOVER

TECHNICAL SPECIFICATIONS

Component	Two Way Passive Crossover	
Size	mm	88,3x123x36
	inch	3 ^{1/2} x 4 ^{13/16} x 1 ^{7/16}
Power Handling	W peak	300
	W continuous	150
Crossover Frequency	Hz	4,0k
Slope	dB/Oct.	12/18
Specific Components	AV 1.1	+ AV 3.0
Adjustment	+2; 0; -2 dB	TW



Dedicated to the mid-high speakers of a three-way multi-amplified system, provides the ability to use multiple woofer sections, for maximum flexibility and absolute performance.



TWEETER AV 1.1



MIDRANGE AV 3.0