

Voce

AV K6 TWO WAY SYSTEM

TWEETER

- 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.

WOOFER

- 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 optimum 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.

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.

TECHNICAL SPECIFICATIONS

Component	2 way system	
Size	AV 6.5 Woofer	165 (6" ^{1/2})
mm	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.
Componet adjustment	Tweeter	+2; 0; -2 dB
Outer Ø	Woofer	167
	Tweeter	48
Mounting Ø	Woofer	146
	Tweeter	44,8
Total depth	Woofer	75,5
	Tweeter	28
Mount. depth	Woofer	69
	Tweeter	15,2
Magnet size	Woofer	90
	Tweeter	27,9
Weight of one component kg	Woofer	1,210
	Tweeter	0,073
Voice Coil Ø	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
Spl	dB	91