

# 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 <sup>5/16</sup> )
mm (inch)	AV 1.1 Tweeter	28 (1 <sup>1/8</sup> )
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 (6 <sup>5/16</sup> )
mm (inch)	Tweeter	48 (1 <sup>7/8</sup> )
Mounting Ø	Woofer	146 (5 <sup>3/4</sup> )
mm (inch)	Tweeter	44,8 (1 <sup>3/4</sup> )
Total depth	Woofer	75,5 (3")
mm (inch)	Tweeter	28 (1 <sup>1/8</sup> )
Mount. depth	Woofer	69 (2 <sup>11/16</sup> )
mm (inch)	Tweeter	15,2 (5/8")
Magnet size	Woofer	90 (3 <sup>9/16</sup> )
mm (inch)	Tweeter	27,9 (1 <sup>1/8</sup> )
Weight of one component	Woofer	1,21 (2,67)
kg (lb)	Tweeter	0,073 (0,16)
Voice Coil Ø	Woofer	30 (1 <sup>3/16</sup> )
mm (inch)	Tweeter	28 (1 <sup>1/8</sup> )



### 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