

# Voce

## AV K5 TWO WAY SYSTEM

### TECHNICAL SPECIFICATIONS

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

### ELECTRO-ACOUSTIC PARAMETERS

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



#### 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.