



ideato,  
 progettato,  
 ingegnerizzato  
 in Italia

# VOCE

## AV K5 2-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 in a 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 REN® magnet, for very high efficiency and detailed sound.

### WOOFER

- 1 The profile of the aerodynamic basket's spokes along with the "open-air" design ensure drastic reduction of back-wave reflections.
- 2 The exclusive Butyl rubber "Triple Wave" surround profile provides full linearity as well as reliable performance under extreme conditions.
- 3 Extremely lightweight and compact, the CCAW (Copper Clad Aluminium Wire) voice coils wound on double layer provide very high efficiency and neat, dynamic sound.
- 4 Cotton-fibre pressed paper cone with "Light Damping" treatment.
- 5 The Radial Venting System ensures high thermal capability, power handling and reliability.



### TECHNICAL SPECIFICATIONS

Component	2-way System	
Size	AV 5.0 Woofer	130 (5" 1/4)
mm (inch)	AV 1.1 Tweeter	28 (1" 1/8)
Power Handling	W peak	200
	W continuous	100
Impedance	Ω	4
Frequency Response	Hz	60 ÷ 22k
Sensitivity	dB/SPL	90
Crossover included	Lo/Hi-Pass	2.5 kHz @ 12/12 dB/Oct.
Componet adjustment	Tweeter	+2; 0; -2 dB
Magnet size - Woofer	mm	90 x 32 x 15
D x d x h	(inch)	(3" 9/16 x 1" 1/4 x 9/16")
Magnet size - Tweeter	mm	28 x 3
D x h	(inch)	(1" 1/8 x 1/8")
Weight of one component kg (lb)	Woofer	1,12 (2,47)
	Tweeter	0,07 (0,16)
Voice Coil Ø mm (inch)	Woofer	25 (1")
	Tweeter	28 (1" 1/8)

### ELECTRO-ACOUSTIC PARAMETERS

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