

VOCE

AV K6 2-WAY SYSTEM



ideato,
 progettato,
 ingegnerizzato
 in Italia

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 6.5 Woofer	165 (6 ^{11/2})
mm (inch)	AV 1.1 Tweeter	28 (1 ^{11/8})
Power Handling	W peak	250
	W continuous	125
Impedance	Ω	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
Magnet size - Woofer	mm	90 x 40 x 15
D x d x h	(inch)	(3 ^{9/16} x 1 ^{9/16} 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	1,2 (2,7)
	Tweeter	0,07 (0,16)
Voice Coil Ø	mm (inch)	30 (1 ^{3/16})
	mm (inch)	28 (1 ^{1/8})



ELECTRO-ACOUSTIC PARAMETERS

D	mm	130
Xmax	mm	3
Re	Ω	3,5
Fs	Hz	68
Le	mH @ 1 kHz	0,31
Le	mH @ 10 kHz	0,17
Vas	l	8,2
Mms	g	16,1
Cms	mm/N	0,34
BL	T-m	5,5
Qts		0,74
Qes		0,82
Qms		7,84
Spl	dB	91