

Prima

APBMW K4E

2-way system for
BMW-MINI



TECHNICAL SPECIFICATIONS		
Component		2-way System
Woofer Size	mm (in.)	100 (4)
Tweeter Size	mm (in.)	29 (1.1)
Power Handling	W peak	100
	W continuous	50
Impedance	Ω	4
Frequency Response	Hz	90 ÷ 23k
Sensitivity	Hz	89
Crossover Type		Hi-Pass: 6 KHz @ 6dB/Oct.
Component adjustment	dB	-3; 0
Woofer Magnet size D x d x h	mm	50 x 29 x 3
	(in.)	(1.97 x 1.14 x 0.12)
Tweeter Magnet size D x d x h	mm	24,5 x 4
	(in.)	(0.96 x 0.16)
Weight of one speaker	Woofer	0,426 (1.02)
	Tweeter	0,06 (0.13)
Voice Coil Ø	Woofer	25 (1)
	Tweeter	25 (1)

ELECTRO-ACOUSTIC PARAMETERS			
		Woofer	Tweeter
D	mm	80	29
Xmax	mm	±0,5	-
Re	Ω	3,3	3,7
Fs	Hz	90	1,6k
Le	mH	0,32	-
Vas	l	1,8	-
Mms	g	6,3	-
Cms	mm/N	0,5	-
BL	T·m	4,8	-
Qts		0,48	-
Qes		0,51	-
Qms		8,2	-
Spl	dB	88	90

- 1 Specially developed for the upgrade of BMW-Mini featuring factory 2 way systems, to create an extended sound stage in the three dimensions, amplifying the perception of reality in the car cabin;
- 2 Neodymium Magnetic group to maximize performance while minimizing bulk and weight;
- 3 25 mm (1") fiberglass woofer voice coil for high power dissipation and stiffness;
- 4 Waterproof pressed-paper cone for medium natural frequencies free from any plastic resonance;
- 5 BMW-Mini compatible aluminium die-cast basket with Plug & Play connectors;
- 6 25 mm Tetolon coil tweeter with dispersion characteristics optimized with FEM simulations;
- 7 Tweeter support supplied for Plug&Play OEM placements;
- 8 30 cm extension provided featuring Plug & Play connectors, for high flexibility of installation;
- 9 Damping removable motor cover;
- 10 Crossover equipped with high quality components and Plug&Play connections.

From R&D to final product
KLIPPEL
since 2005

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