

Prima

APK 690

2 Way system components
300 W



TECHNICAL SPECIFICATIONS		
Component		2-way System
Woofer Size	mm (in.)	6 x 9
Tweeter Size	mm (in.)	26 (1)
Power Handling	W peak	300
	W continuous	100
Impedance	Ω	4
Frequency Response	Hz	40 - 20 k
Crossover Type		HP 6 dB Oct - 3,3 kHz
Woofer Magnet size D x d x h	mm (in.)	90 x 32 x 15 (3.54 x 1.26 x 0.59)
Tweeter Magnet size D x d x h	mm (in.)	19 x 3 (0,75 x 0,12)
Weight of one component	Woofer	1,17 (2.58)
	Tweeter	0,04 (0.09)
Voice Coil Ø	Woofer	25 (1)
	Tweeter	20 (0.78)

ELECTRO-ACOUSTIC PARAMETERS			
		Woofer	Tweeter
D	mm	171	27,5
Xmax	mm	± 4	-
Re	Ω	3,1	3,5
Fs	Hz	55	1500
Le	mH	0,2	0,02
Vas	l	37,1	-
Mms	g	17	0,16
Cms	mm/N	0,5	0,09
BL	T·m	5,3	1,3
Qts		0,6	0,98
Qes		0,65	2,78
Qms		7	1,5
Spl	dB	95	93

AP 1 Tweeter

1. 26 mm diameter diaphragm combined with a wide-roll surround provides maximum efficiency and reduced resonance frequency.
2. Acoustic lens designed to compensate for the in-car frequency response in the 10kHz - 13kHz bandwidth caused by critical OEM placements.

AP 690 Woofer

1. 25 mm pure copper voice coil, for high power handling and outstanding low frequency control.
2. Water-repellent treated paper cone, featuring a profile developed with FEM (Finite Element Method) simulation technology and optimized with the Klippel R&D Scan Vibrometer.
3. Reduced mounting depth, providing ease of installation in OEM placements.
4. "Triple Wave" surround profile for maximum excursion linearity.
5. Compact basket, protected by abrasion-resistant and scratch-proof coating, the motor affixed with damping epoxy adhesive.
6. High current fast-on terminal with double contact on positive and negative poles for high flexibility and quick connection.

APCX TW 690 Crossover

1. Optimized for OEM Integration featuring an attenuation switch (0 dB, +3dB) to tune the in-car response according to different installation conditions.
2. Supplied with fast-on connectors that eliminate any possible connection errors.