

PRO CPK 165

TWO WAY SYSTEM
315 W



TECHNICAL SPECIFICATIONS

Component	2-way system	
Size		
Woofer	mm (in.)	165 (6.5)
Tweeter diaphragm	mm (in.)	29 (1.14)
Voice Coil Ø		
Woofer	mm (in.)	25 (1)
Tweeter	mm (in.)	25 (1)
Power Handling		
	W peak	315
	W continuous	105
Sensitivity	dB SPL	92,5
Impedance	Ω	4
Frequency Response	Hz	45 ÷ 22,5k
Crossover Type - Cut off	2,8 kHz @ 12 dB Oct.	
Adjustment	Tweeter Level	+2 dB / 0 / -2 dB
Weight of one component		
Woofer	kg (lb)	1,07 (2.36)
Tweeter	kg (lb)	0,07 (0.15)
Crossover	kg (lb)	0,2 (0.44)

ELECTRO-ACOUSTIC PARAMETERS

		CP 25	CP 165
D	mm	29	131,5
Xmax	mm	-	3,9
Re	Ω	3,9	3,3
Fs	Hz	1200	60
Le	mH	0,02	0,3
Vas	l	-	11,5
Mms	g	0,17	15,4
Cms	mm / N	0,1	0,44
BL	T • m	1,6	5,45
Qts		0,55	0,57
Qes		1,98	0,66
Qms		0,57	4,3
Spl	dB	91	92,5

CP 25:

1. Soft 29 mm Tetolon fiber dome, for a natural as well as detailed reproduction of music nuances.
2. "Center Tuning Duct" geometry, for lower resonance frequency and reduced harmonic distortion.
3. Neodymium magnet with high-density magnetic flux, optimized for maximum control during high-energy dynamic transients in the mid-high frequency range.
4. 25 mm mobile coil cooled with ferrofluid.
5. Rear chamber filled with damping material selected and sized for low resonance, ensuring a natural mid range allowing a low cut-off frequency crossover point.
6. Faceplate geometry optimized with FEM (Finite Element Modeling) technology for a linear frequency response in off-axis installations.
7. Wide range of accessories provided, for easy integration.

CP 165:

1. Pressed paper cone with FEM-optimized geometry combining rigidity and lightness for color-free sound.
2. High density ferrite magnet in combination with low carbon polar plates for a reduced distortion at high power levels.
3. 25 mm diameter pure copper coil to guarantee high excursions.
4. 3-spoke, compact and transparent basket acoustically combined with a rubber magnet cover for an overall damping of spurious vibrations.
5. Stylish grille with high resistance ABS plastic frame with metal finish combined with a protective metallic mesh.

CPCX 2:

1. Tweeter level adjustable via a three-position switch (-2, 0, +2 dB) for optimized and customizable timbre balance.
2. 160V extremely high quality bi-metallized polyester film capacitors with ultra-low DF and pure copper low resistance inductances, for maximum sound transparency and high clear frequencies.
3. Compact design with metallic finish for ease of installation, featuring air vents for efficient heat dissipation.