

SYSTEM energy

ESK 163L 250 Watt

Technical Specifications

Component:	3 way system	
Size	EV 165L woofer	165 mm (6 ^{11/2})
	EM 100 midrange	100 mm (4")
	ET 20 tweeter	20 mm (3/4")
Power Handling (Watt)	peak	250
	continuous program	125
Impedance	Ohm	4
Frequency response	Hz	50 - 23k
Sensitivity	dB/SPL	92
Outer diameter	mm	165
Mounting hole diameter	mm	145
Magnet size	mm	85
Total depth	mm	72
Mounting depth	mm	66
Weight of one component	Kg	0,920



ET 20

- 1 Tetolon dome; extremely light and well damped for a smooth and extended high frequency response.
- 2 20mm Ø, ultra light ferrofluid-cooled mobile voice coil.
- 3 High energy REN neodymium magnet.
- 4 Low carbon content plates for maximum magnetic permeability and high heat dissipation.
- 5 Damping material; controlling acoustic resonances insuring clear, brilliant high frequency tones.
- 6 High frequency diffraction lens, optimizing off-axis high frequency response.

EV 165L

- 1 Low carbon content plates for maximum magnetic permeability and high heat dissipation.
- 2 Large motor assembly provides excellent, voice coil control.
- 3 Pure copper long throw voice coil wound on Til former, for very good thermal and mechanical capacity.
- 4 Vent hole provides linear excursion and better thermal dissipation.
- 5 Water-repellent non-pressed paper cone provides deep, tight and dynamic bass output.
- 6 "V" cone, for the best off-axis response, clear mid-high frequency detail and powerful bass.
- 7 Rubber magnet cover provides damping to the basket and motor structure and protects from abrasions and damages.
- 8 DIN size basket coated with scratch-proof, corrosive-resistant material.
- 9 High density rubber surround, glued with heat-resistant adhesive.
- 10 Epoxy glue for basket and motor system provides perfect coupling.
- 11 Curve memory Nomex spider for consistent, reliable performance.
- 12 Tin-plated, high current terminals.
- 13 Silver-plated lead wires for maximum reliability and conductivity.

EM 100

- 1 Low carbon content plates for maximum magnetic permeability and high heat dissipation.
- 2 REN Neodymium magnet and central T-Pole, for a perfectly symmetrical field; maximum energy using minimum space.
- 3 Pure copper voice coil wound on Til former, for very good thermal and mechanical capacity.
- 4 Pure copper covered pole piece, for linear impedance and the best acoustic performance for mid-high frequencies.
- 5 Water-repellent treated paper cone.
- 6 "V" cone, for the best off-axis response and clear mid-high frequency detail.
- 7 DIN size basket coated with scratch-proof, corrosive-resistant material.
- 8 Tin-plated, high current terminals.
- 9 Silver-plated lead wires for maximum reliability and conductivity.
- 10 Flat foam surround, for linear mid frequency response and larger radiating surface.
- 11 Epoxy glue for basket and motor system provides perfect coupling.
- 12 Curve memory Nomex spider for consistent, reliable performance.

*Grilles included

CX 300

