

energy

ECX 100

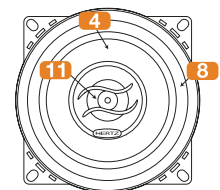
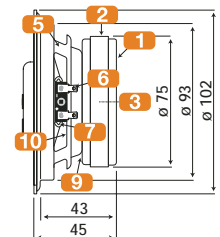
80 watt

Technical Specifications

Component	2W Coaxial	
Size	mm	Woofer 100mm (4") Tweeter 15mm (19/32")
Power Handling (Watt)	peak continuous program	80 40
Impedance	Ohm	4
Frequency response	Hz	70-21k
Sensitivity	dB/SPL	90
Outer diameter	mm	102
Mounting hole diameter	mm	93
Magnet size	mm	75
Total depth	mm	45
Mounting depth	mm	43
Weight of one component	kg	0,552
Voice coil diameter	mm	25



1. Low carbon content plates for maximum magnetic permeability and high heat dissipation.
2. Very big magnet for mobile voice coil control.
3. Pure copper voice coil, wound on aluminium former, for very good thermal and mechanical capacity.
4. Water-repellent treated paper cone.
5. DIN size basket protected by abrasionproof and anticorrosive paint.
6. Gold-plated, high current terminals.
7. Silver-plated lead wires for maximum reliability and conductivity.
8. High density rubber surround, glued with heat resistant adhesive.
9. Epoxy glue for basket and motor system perfect coupling.
10. Curve memory Nomex spider for constant performances.
11. Neodymium tweeter with Mylar dome, for compactness and energy at high frequencies.



Electro-Acoustic Parameters

D	mm	82
Xmax	mm	2
Re	ohm	3,0
Fs	Hz	125
Le	mH@1kHz	0,53
Le	mH@10kHz	0,07
Vas	lit	1,30
Mms	gr	4,5
Cms	mm/N	0,35
BL	T-m	3,30
Qts		0,80
Qes		0,95
Qms		6,30
Spl (1m/2,83V)	dB	89

