

# The Manufacturer of Professional Speaker

**NEODYMIUM**

**COAXIAL**

## CD12F450

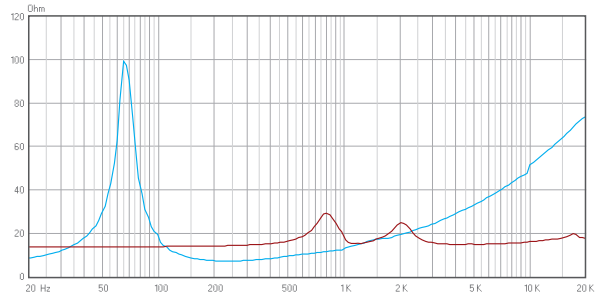
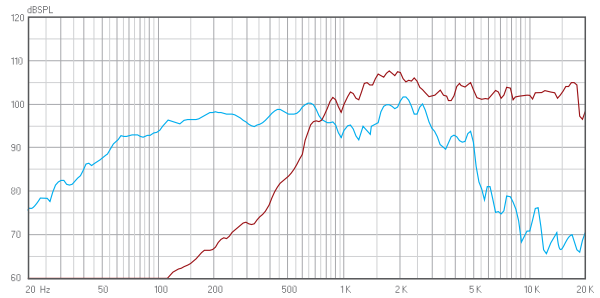
- Point source coaxial design
- 800 Watt Max Power
- 65Hz to 20KHz frequency response
- 98dB 1W@1m sensitivity
- Neodymium magnet structure



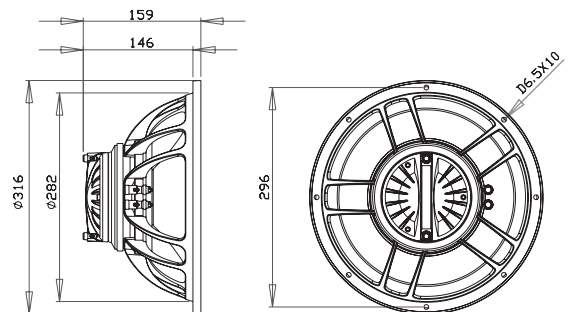
### Specifications

Model		CD12F450
Nominal diameter	in.	12
Power handling capacity	W(AEC)	400
Max power	Watts	800
Nominal impedance	LF/HF $\Omega$	8/16
Frequency range	Hz	65-20K
Sensitivity (1W/1m)	dB	98.5
Voice coil diameter	mm/in	75.5/3
Fs	Hz	70
Re	$\Omega$	6
Qms		5.12
Qes		0.38
Qts		0.36
Vas	L	35
Mms	gr	57
Cms	mm/N	0.09
BL	Tm	19.8
Xmax	mm	5.0
Throat diameter	mm/in.	-
Power handling capacity	W(AES)	45
Nominal impedance	$\Omega$	16
Sensitivity (2.83V/1m)	dB	102
Frequency range	Hz	1.5K-20K
Voice coil diameter	mm/in	44.4/1.75
Re	$\Omega$	12
Overall diameter	mm	316
Bolt circle diameter	mm	296
Baffle cut-out diameter	mm	282
Overall depth	mm	159
Net weight	Kg	4.9

### Frequency Response and Impedance Magnitude Curve



### Dimension Drawings



- AES power is measured with 6dB crest factor continuous pink noise in 2 hours duration.
- Max power is defined as 3dB higher than the nominal rating.
- Sensitivity is measured at one meter at 2.83V and 8 ohm nominal impedance.
- All measurement of the speaker is done after a sufficient high level of 20Hz sine wave test.
- Xmax is defined at the BL drops by 18% of the original figure.