

# 8CXT

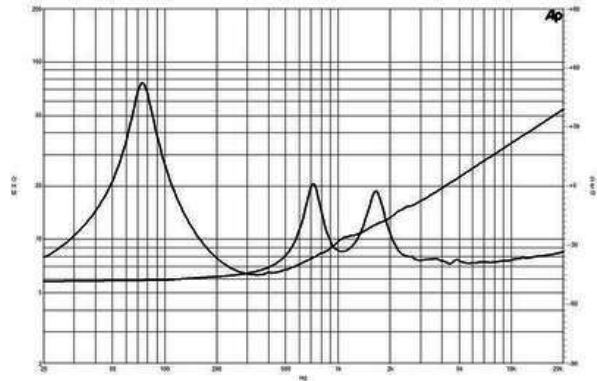
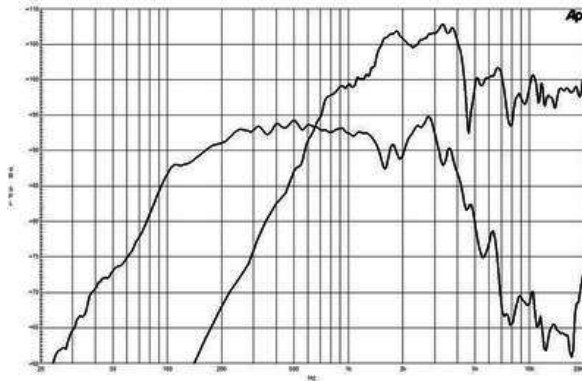
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Coaxials - 8.0 Inches



- 400 W continuous program power capacity
- 100° nominal coverage
- 75 - 20000 Hz response
- 94 dB sensitivity
- 34.5 mm (1.35") HF unit exit diameter





### SPECIFICATIONS

Nominal diameter	210 mm (8.0 in)
Nominal impedance	8 Ω
Minimum impedance lf	6.3 Ω
Minimum impedance hf	7.7 Ω
Frequency range	75 - 20000 Hz
Dispersion angle <sup>1</sup>	100 °
Magnet material	Ceramic (LF) - Neodym. Ring (HF)

### PARAMETERS

Fs	76 Hz
Re	5.1 Ω
Qes	0.36
Qms	5.0
Qts	0.34
Vas	11.5 dm <sup>3</sup> (0.4 ft <sup>3</sup> )
Sd	220.0 cm <sup>2</sup> (34.1 in <sup>2</sup> )
η <sub>o</sub>	1.4 %
X <sub>max</sub>	6.0 mm
X <sub>var</sub>	6.0 mm
M <sub>ms</sub>	25 g
Bl	13.0 Txm
Le	1.0 mH
EBP	211 Hz

### SPECIFICATIONS LF UNIT

LF Sensitivity <sup>2</sup>	94.0 dB
LF Nominal Power Handling <sup>3</sup>	200 W
LF Continuous Power Handling <sup>4</sup>	400 W
LF Voice Coil Diameter	52 mm (2.0 in)
LF Winding Material	Copper

### MOUNTING AND SHIPPING INFO

Overall diameter	225 mm (8.8 in)
Bolt circle diameter	210 mm (8.3 in)
Baffle cutout diameter	187 mm (7.4 in)
Depth	129 mm (5.1 in)
Flange and gasket thickness	11 mm (0.4 in)
Net weight	3.9 kg (8.6 lb)
Shipping weight	4.6 kg (10.1 lb)
Shipping box	260x260x170 mm (10.2x10.2x6.7 in)

### SPECIFICATIONS HF UNIT

HF Sensitivity <sup>5</sup>	103.0 dB
HF Nominal Power Handling <sup>6</sup>	50 W
HF Continuous Power Handling <sup>7</sup>	100 W
HF Voice Coil Diameter	44 mm (1.7 in)
HF Winding Material	Aluminium
Diaphragm material	Titanium
Recommended crossover <sup>8</sup>	2.0 kHz

### SERVICE KIT

Service kit lf	RCK008CXT8
Replacement diaphragm	MMD400TN8

- Included by -6 dB down points.
- Applied RMS Voltage is set to 2.83V.
- 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
- Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- Applied RMS Voltage is set to 2.83V.
- 2 hour test made with continuous pink noise signal (6 dB crest factor) within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.
- Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- 12 dB/oct. or higher slope high-pass filter.