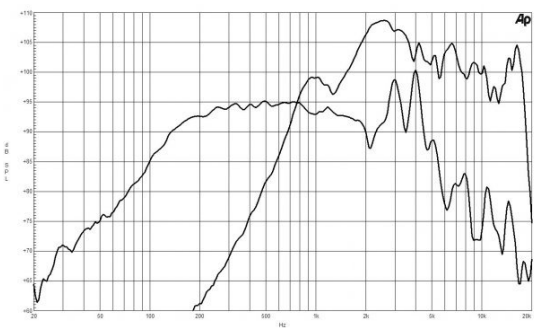
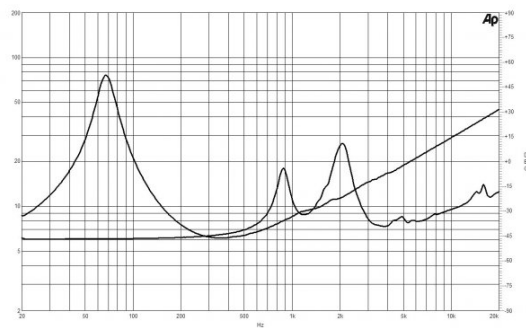




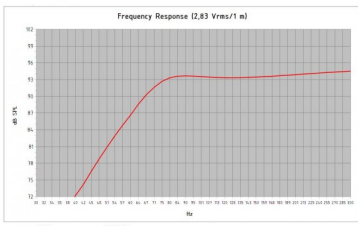
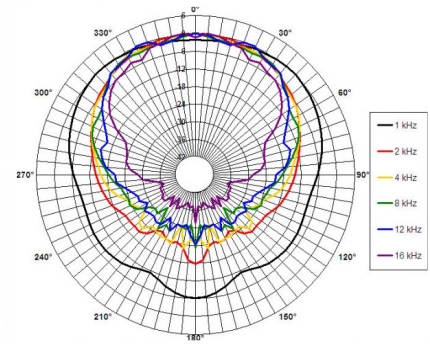
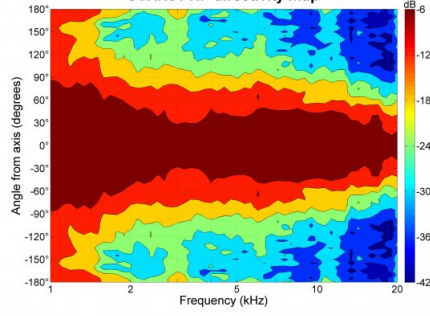
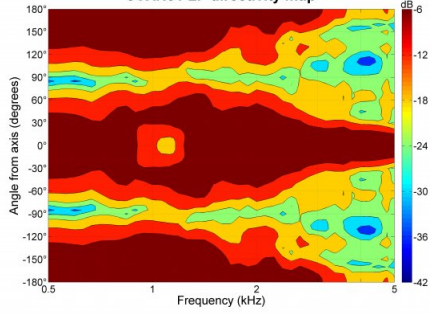
- 500 W continuous program power capacity
- 100° nominal coverage
- 70 - 18000 Hz response
- 97 dB sensitivity
- Single Neodymium magnet assembly



8CXN51 LF directivity map



8CXN51 HF directivity map



Model	# 8CXN51
Exciter Type	Block Driver
Internal Air Volume (L)	18
Temp. Frequency (Hz)	77
Frequency (1 dB SPL)	73.4
Exciter Length (mm)	43.0
Exciter Length (in)	1.7
Exciter Diameter (mm)	116.2
Exciter Diameter (in)	4.57
Exciter Area (mm²)	1058
Exciter Area (in²)	0.41
Exciter Volume (L)	288.9
Exciter Volume (in³)	17.6

GENERAL

Nominal Diameter	210 mm (8 in)
Nominal Impedance	8 Ω
Frequency Range	70 Hz - 18000 Hz
Dispersion Angle	100 ° Included by -6 dB down points.

DESIGN

Magnet Material	Neodymium Ring
Woofer Cone Treatment	WP Waterproof Front Side

SERVICE KITS

HF replacement-diaphragm	MMD4008
LF recone-kits	RCK008CXN518

SPECIFICATIONS LF UNIT

Nominal Diameter	210 mm (8 in)
Nominal Impedance	8 Ω
Minimum Impedance	6 Ω
Nominal Power Handling	250 W 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.

Continuous Power Handling	500 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
---------------------------	--

Sensitivity	97 dB Applied RMS Voltage is set to 2.83V.
-------------	---

Voice Coil Diameter	51 mm (2 in)
---------------------	--------------

Winding Material	Aluminium
------------------	-----------

Former Material	Glass Fibre
-----------------	-------------

Winding Depth	17 mm (0.67 in)
---------------	-----------------

Magnetic Gap Depth	8 mm (0.31 in)
--------------------	----------------

Flux Density	1.15 T
--------------	--------

Woofer Cone Treatment	WP Waterproof Front Side
-----------------------	--------------------------

PARAMETERS

Fs	68 Hz
Re	4.9 Ω
Qes	0.29
Qms	4.7
Qts	0.27
Vas	17 dm ³ (0.6 ft ³)
Sd	220 cm ² (34.1 in ²)
η0	1.8 %
Xvar	6 mm
Mms	22 g
Bl	12.6 Tm
Le	0.9 mH
EBP	234 Hz

SPECIFICATIONS HF UNIT

Nominal Diameter	210 mm (8 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.4 Ω

Nominal Power Handling	50 W 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.
------------------------	---

Continuous Power Handling	100 W Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
---------------------------	--

Sensitivity	104 dB Applied RMS Voltage is set to 2.83V.
-------------	--

Recommended Crossover	1.8 kHz 12 dB/oct. or higher slope high-pass filter.
-----------------------	---

Voice Coil Diameter	44 mm (1.7 in)
---------------------	----------------

Winding Material	Aluminium
------------------	-----------

Inductance	0.11 mH
------------	---------

Flux Density	1.8 T
--------------	-------

Diaphragm Material	Polyimide
--------------------	-----------

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	111 mm (4.4 in)
Flange and Gasket Thickness	10 mm (0.4 in)
Net Weight	2.6 kg (5.73 lb)
Shipping Units	1 pcs
Shipping Weight	3.2 kg (7.05 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)