NURWS-1.4 PWG

INTERNAL REF. 730200

KEY FEATURES

Line array source 1.4 in throat entry

NURWS (Non Uniform Rational Wavefront Shape) design

140° max horizontal coverage

20° maximum deflection for curved array

160 W program power

60 mm (2.36 in) aluminium voice coil

Neodymium magnet assembly

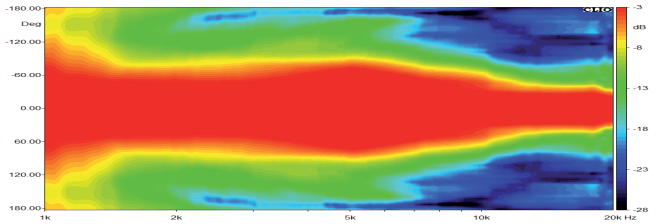
MEASURE CONDITIONS

Measurement executed in free air (1m) in semi-anechoic chamber.
Frequency response obtained with flange extension

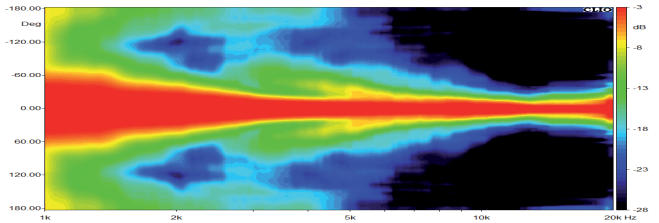
Polars were acquired by placing the unit
on a computer controlled turntable inside chamber

Measured step is 5° one-third octave polar,
averaging values on horizontal and vertical planes

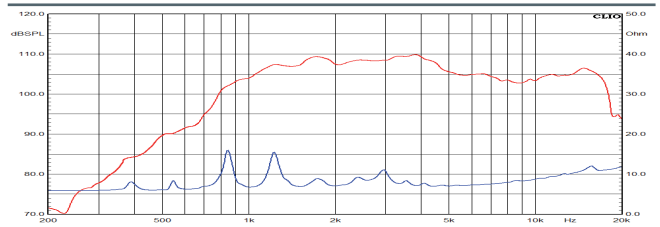
HORIZONTAL DIRECTIVITY



VERTICAL DIRECTIVITY



FREQUENCY RESPONSE



GENERAL SPECIFICATIONS

Throat Diameter	35.56 mm (1.4 in)
Frequency Range	0.8 ÷ 20 kHz
Minimum Crossover Frequency (1)	1200 Hz
Sensitivity (1W/1m) (2)	107 dB
Nominal impedance	8 Ohm
Minimum impedance	7 Ohm
AES Power (3)	80 Watt
Program Power (4)	160 Watt
Horizontal Coverage Angle (5)	140 degree
Vertical Coverage Angle (5)	15 degree
Voice Coil Diameter	60 mm (2.36 in)
Material	Cast Aluminium
Colour	White Sandblasted Finish
Diaphragm Material	Titanium Dome
Voice Coil Winding Material	Edgewound ALU Ribbon
Magnet Material	Neodymium Ring
Flux Density	1.75 T
Total Volume Size	2.96 dm^3 (0.01 ft^3)

MECHANICAL & SHIPPING INFORMATIONS

Mouth Height	153 mm (6 in)
Mouth Width	25.4 mm (1 in)
Depth	261.5mm (10.3 in)
Mouth Mounting Holes	4 x 6.3 mm (0.25 in)
Net Weight	2.3 Kg (5 lb)
Shipping Box Size (1 unit)	

NOTES

(1) *Minimum Crossover Frequency require a12 dB/Oct or higher slope high-pass filter.*

(2) *Sensitivity is measured at 1 m on axis from the mouth of horn, averaged between 1 kHz and 4 kHz.*

(3) *AES Power rating is a test made for 2 hours with Pink Noise signal having a 6 dB Crest Factor from minimum crossover frequency. Power calculated on minimum impedance.*

(4) *Program Power rating is defined as 3 dB greater than AES rating and is a conservative expression of the transducer ability to handle music program material.*

(5) *Coverage value -6 dB is averaged on frequency range 1.25 ÷ 12.5 kHz.*

HORIZONTAL POLAR PATTERN

VERTICAL POLAR PATTERN