



### Key features

- 108 dB SPL 1W / 1m average sensitivity
- 1 inch exit
- 44 mm ( 1 3/4 inch) voice coil diameter
- 80 Watt Continuous program
- Excellent thermal exchange
- Polyester diaphragm
- Patent pending phase plug
- Neodymium magnet assembly

- The ND1060 is designed for use in high level application when the highest quality is required. With a throat exit of 1 inch, the ND1060 is developed to match the new XT1085 and XT120 constant directivity horns.
- The ND1060 through the accurate study of the magnet assembly, achieves 1,8 Tesla flux in an extremely compact size.
- The new ND1060 phase plug (patent pending), is designed to improve response coherence and manufacturing consistency. The phase plug with short openings and high flare rate value, assures low distortion and remarkable improvements in high frequency response.

- Polyester diaphragm design is developed for high sensitivity above 10kHz and good sound reproduction.
- 44mm ( 1 3/4 inch) voice coil in edge-wound copper clad aluminium wire, strongly coupled to nomex former assures very high reliability above 300°C.
- Excellent heat dissipation is achieved by the heat sink on the cover tightly joint to the top plate.
- The copper shorting ring on the pole piece reduces inductance improving transient response and phase control at high frequencies.

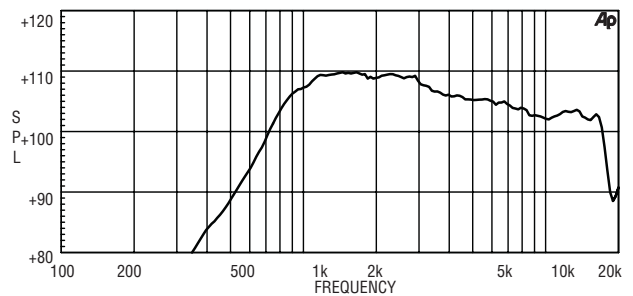
### GENERAL SPECIFICATIONS

THROAT DIAMETER	25,4 mm	( 1 in )
RATED IMPEDANCE	8 ohms	
D.C. RESISTANCE	6,2 ohms	
MINIMUM IMPEDANCE	8 ohms at 3500 Hz	
POWER HANDLING ( 1600 - 20000 Hz )		
CONTINUOUS PINK NOISE	40 W above 1,6 kHz	(1)
CONTINUOUS PROGRAM	80 W above 1,6 kHz	(2)
SENSITIVITY(1W/1m)	108 dB	(3)
FREQUENCY RANGE	1600 Hz - 20 kHz	
RECOMM. CROSS. FREQUENCY	above 1600 Hz (12 dB /oct slope)	
DIAPHRAGM MATERIAL	Polyester	
VOICE COIL DIAMETER	44,4 mm	( 1 3/4 in )
VOICE COIL WINDING MATERIAL	Edge-wound aluminum	
MAGNET MATERIAL	Neodymium	
FLUX DENSITY	1,8 T	
BL FACTOR	8,7 N/A	
POLARITY	Positive voltage on red terminal gives positive pressure in the throat	

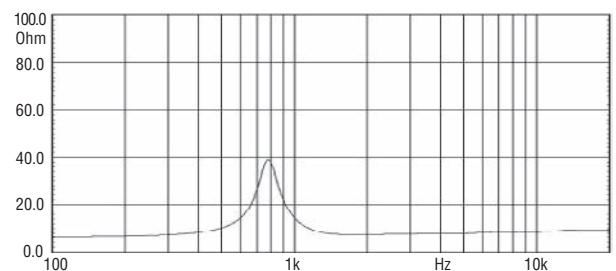
### MOUNTING INFORMATIONS

Overall diameter	92 mm	( 3,6 in )
N. of mounting holes	4 M6 holes 90° at Ø 76 mm (3 in)	
Bolt circle diameter	76 mm	( 3 in )
Total depth	53 mm	( 2,1 in )
Net weight	1,2 Kg	( 2,6 lb )
Shipping weight	1,3 Kg	( 2,9 lb )
CardBoard packing dimens.	104 x 115 x 63 mm	( 4,1x4,5x2,5 in )

ND1060 MEASURED WITH 1W INPUT ON RATED IMPEDANCE AT 1 M DISTANCE FROM THE MOUTH OF STANDARD HORN XT 1085



IMPEDANCE CURVE OF ND1060



(1) Continuous pink noise power rating is tested with a pink noise input having a 6 dB crest factor for two hours duration within the specified range. Power calculated on minimum impedance.  
 (2) Program Power is defined as 3 dB greater than continuous pink noise but with 50% duty cycle.  
 (3) Sensitivity is measured at 1W input on rated impedance at 1m on axis from the mouth of XT1085 averaged between 1kHz and 4 kHz.