EXTENDED RANGE

NDPA-5

INTERNAL REF. 725701

KEY FEATURES

100 Watt Max Power

1 in - 25 mm voice coil, copper wire

Rubber sorround

Neodymium magnet assembly

PA systems application

16 Ohm available



MECHANICAL & SHIPPING INFORMATIONS

Net weight	0.77 Kg
Overall Diameter	129.5 mm
Overall Depth	59 mm
Baffle Cut Diameter	112.5 mm
Mounting holes number	4
Mounting holes diameter	5 mm
Mounting bolt diameter	138 mm

MATERIALS

Frame Material	Steel
Voice Coil Former Material	Aluminuim
Voice Coil Wire	Copper
Cone Material	Paper
Cone Shape	Exponential
Surround Material	Rubber
Surround Shape	Half roll
Suspension Material	Doped Nomex fabric
Magnet Type	Neodymium
Magnet Weight	148 g

GENERAL SPECIFICATIONS

Nominal Diameter	5 in - 129 mm
Nominal Impendance	8 Ohm
Nominal Rdc	6.5 Hz
Power handling (AES) (*)	50 Watt
Max Power	100 Watt
Minimum Impedance	7 Ohm
Frequency Range	100 ÷ 15000 Hz
Voice Coil Diameter	1 in - 25 mm
S.P.L. (1w, 1m)	92 dB
Nominal Fs	80 Hz
Flux Density	1.3 T
Sinusoidal Test Voltage	11 V

(*) Life Test	
Box Volume	*9 liters*
Input Signal	*Pink noise*
Band Pass Filter	*100 - 20000 Hz, 12 dB/oct*
Test duration	*2 hours*

THIELE-SMALL PARAMETERS

Qms	3.26
Qes	0.37
Qts	0.33
Fs	78.5 Hz
Re	6.11 Ohm
Mms	6.15 g
Cms	0.67 mm/N
Bl	7.10 T*m
Sd	80.12 cm2
Vas	6.02 liters
u0	0.76 %
XMax	2.15 mm
Le	0.09 mH
Rms	0.93 Kg/s
Efficiency Bandwidth	213.52

Air gap height = 5 mm
Winding height = 6,8 mm

DIAGRAM

Frequency Response	IEC baffle
Impendance	(Ias=10m A)

