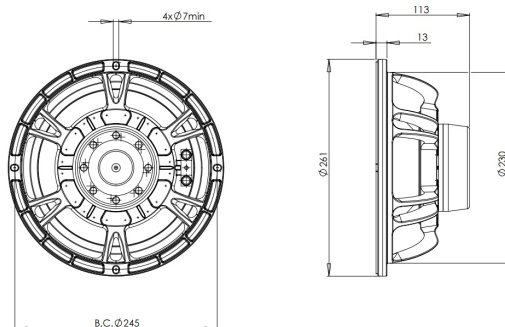


# 10NW64

8Ω

LF Drivers - 10.0 Inches

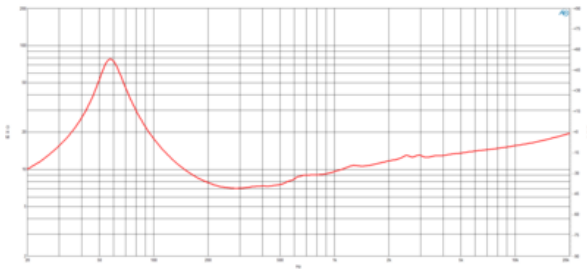
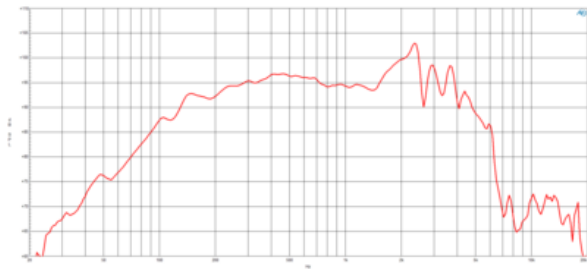


- 600 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 60 - 2500 Hz response
- 96 dB sensitivity
- Neodymium magnet allows a very light yet powerful motor assembly
- Shorting copper cap for extended HF response
- Ventilated voice coil gap for reduced power



# 10NW64

LF Drivers- 10.0 Inches



## SPECIFICATIONS

Nominal Diameter	250 mm (10.0 in)
Nominal Impedance	8 $\Omega$
Minimum Impedance	6.5 $\Omega$
Nominal Power Handling <sup>1</sup>	300 W
Continuous Power Handling <sup>2</sup>	600 W
Sensitivity <sup>3</sup>	96.0 dB
Frequency Range	60 - 2500 Hz
Voice Coil Diameter	64 mm (2.5 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	16.0 mm (0.62 in)
Magnetic Gap Depth	8.0 mm (0.31 in)
Flux Density	1.25 T

## DESIGN

Surround Shape	Double Roll
Cone Shape	Exponential
Magnet Material	Neodymium Inside Slug
Spider	Single
Pole Design	Straight Pole
Woofer Cone Treatment	TWP Waterproof Both Sides
Recommended Enclosure	26.0 dm <sup>3</sup> (0.92 ft <sup>3</sup> )
Recommended Tuning	59 Hz

## PARAMETERS<sup>4</sup>

Resonance Frequency	59 Hz
Re	5.2 $\Omega$
Qes	0.27
Qms	4.3
Qts	0.26
Vas	22.0 dm <sup>3</sup> (0.78 ft <sup>3</sup> )
Sd	320.0 cm <sup>2</sup> (49.6 in <sup>2</sup> )
$\eta_0$	1.6 %
Xmax	6.0 mm
Xvar	5.5 mm
Mms	47.0 g
Bl	18.3 Txm
Le	0.65 mH
EBP	218 Hz

## MOUNTING AND SHIPPING INFO

Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	245 mm (9.6 in)
Baffle Cutout Diameter	230.0 mm (8.8 in)
Depth	113 mm (4.4 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Air Volume Occupied by Driver	1.5 dm <sup>3</sup> (0.05 ft <sup>3</sup> )
Net Weight	2.9 kg (6.4 lb)
Shipping Units	1
Shipping Weight	3.5 kg (7.7 lb)
Shipping Box	295x314x175 mm (11.61x12.36x6.89 in)

## SERVICE KIT

RCK10NW648
------------

1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated nominal impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.