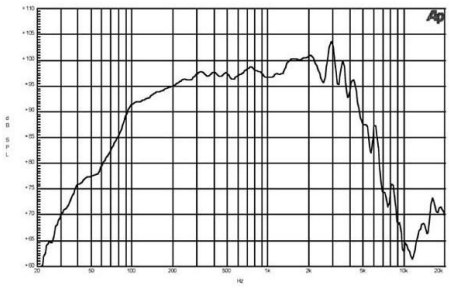
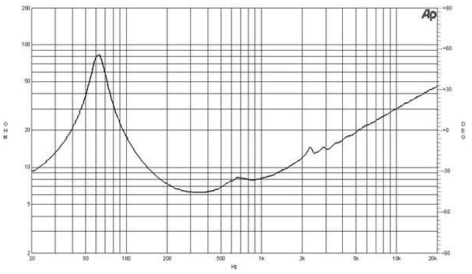




10HPL64

LF Drivers - 10.0 Inches

400 W continuous program power capacity
64 mm (2.5 in) aluminium voice coil
60 - 4000 Hz response
98.5 dB sensitivity
Neodymium magnet allows a very light yet powerful motor assembly

Specifications

Nominal diameter	250 mm (10.0 in)
Nominal impedance	8 Ω
Minimum impedance	6.2 Ω
Nominal power handling[1]	200 W
Continuous power handling[2]	400 W
Sensitivity (1W/1m)[3]	99.0 dB
Frequency range	60 - 4000 Hz
Voice coil diameter	64 mm (2.5 in)
Winding material	Aluminium
Former material	Glass Fibre
Winding depth	12 mm (0.47 in)
Magnetic gap depth	8 mm (0.31 in)
Flux density	1.25 T

Design

Surround shape	Double Roll
Cone shape	Exponential
Magnet material	Neodymium Inside Slug

Design

Spider	Single
Pole design	Straight Pole
Woofer cone treatment	None
Recommended enclosure	26.0 dm^3 (0.92 ft^3)
Recommended tuning	67 Hz

Parameters[4]

Fs	61 Hz
Re	5.4 Ω
Qes	0.33
Qms	4.5
Qts	0.31
Vas	32.0 dm^3 (1.1 ft^3)
Sd	320.0 cm^2 (50.0 in^2)
η_0	2.5 %
Xmax	4.0 mm
Xvar	5.5 mm
Mms	29 g
Bl	15.0 Txm

Parameters

Le	0.5 mH
EBP	184 Hz

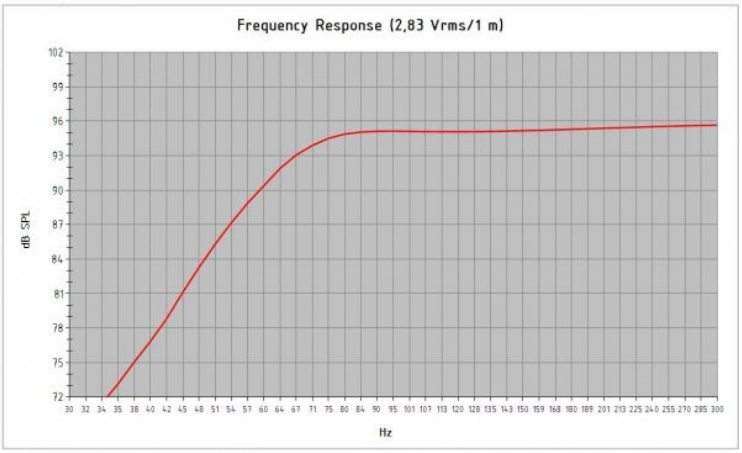
Mounting And Shipping Info

Overall diameter	261 mm (10.3 in)
Bolt circle diameter	245 mm (9.6 in)
Baffle cutout diameter	230.0 mm (8.8 in)
Depth	122 mm (4.8 in)
Flange and gasket thickness	13 mm (0.5 in)
Air volume occupied by driver	1.5 dm^3 (0.05 ft^3)
Net weight	2.0 kg (4.4 lb)
Shipping weight	2.6 kg (5.7 lb)
Shipping box	270x270x150 mm (11.2x11.2x5.9 in)

Service Kit

RCK010HPL648

1. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range Fs-10Fs. Power calculated on rated minimum 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.



Model:	***10 HPL 64***			
Enclosure Type:	***Bass Reflex***			
Internal Net Volume (Liters):	***26***			
Tuning Frequency (Hz):	***67***	*Port Area (cm²):*	***69,4***	
Frequency (-3 dB) (Hz):	***67.0***	*Port Length (cm):*	***9.6***	
Excursion Limited Maximum SPL at 1 meter (dB):	***115,9***	*equal to*	***127.4*** *Watts*	*(Bass Band Power Rating)*
Thermal Limited Maximum SPL at 1 meter (dB):	***117,9***	*equal to*	***200,0*** *Watts*	*(Mid Band Power Rating)*