

12CL64 8 Ω

Woofer

- 500 W continuous program power capacity
- 64 mm (2.5 in) copper voice coil
- 50 - 3000 Hz response
- 98 dB sensitivity



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SPECIFICATIONS

| | |
|---|---------------------------------|
| Nominal Diameter | 320 mm (12 in) |
| Nominal Impedance | 8 Ω |
| Minimum Impedance | 6.3 Ω |
| Nominal Power Handling | 250 W |
| 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air. | |
| Continuous Power Handling | 500 W |
| Power on Continuous Program is defined as 3 dB greater than the Nominal rating. | |
| Sensitivity | 98 dB |
| Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance. | |
| Frequency Range | 50 Hz - 3000 Hz |
| Voice Coil Diameter | 64 mm (2.5 in) |
| Winding Material | Copper |
| Former Material | Glass Fibre |
| Winding Depth | 13 mm (0.51 in) |
| Magnetic Gap Depth | 8 mm (0.31 in) |
| Flux Density | 1.15 T |
| Woofer Cone Treatment | WP Waterproof Front Side |

PARAMETERS

Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.

| | |
|------|---|
| Fs | 52 Hz |
| Re | 5.5 Ω |
| Qes | 0.32 |
| Qms | 4.3 |
| Qts | 0.3 |
| Vas | 64 dm³ (2.25 ft³) |
| Sd | 522 cm² (80.9 in²) |
| η0 | 3.4 % |
| Xmax | 4.5 mm |
| Xvar | 6 mm |
| Mms | 55 g |
| Bl | 17.5 Tm |
| Le | 1.1 mH |
| EBP | 163 Hz |

DESIGN

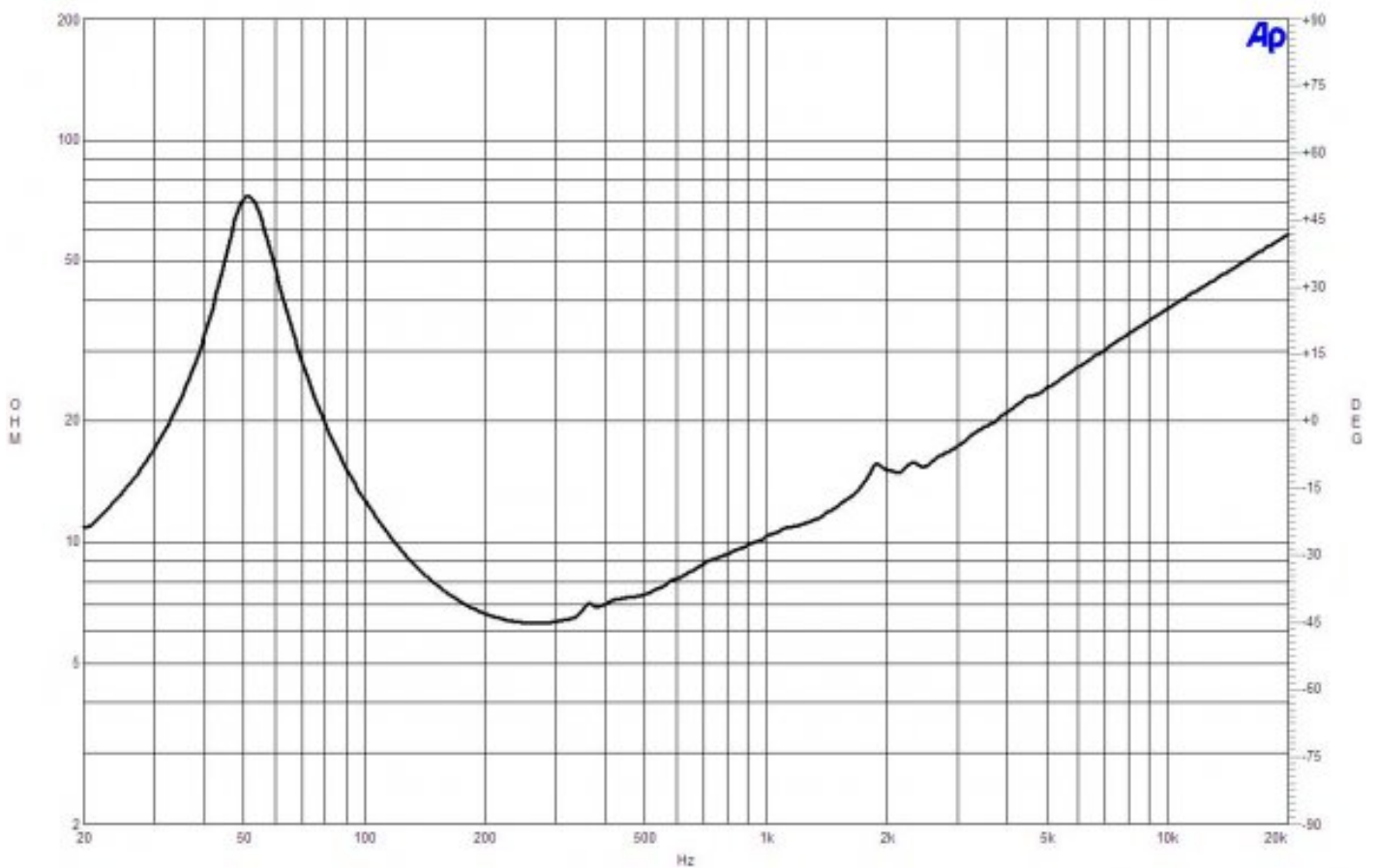
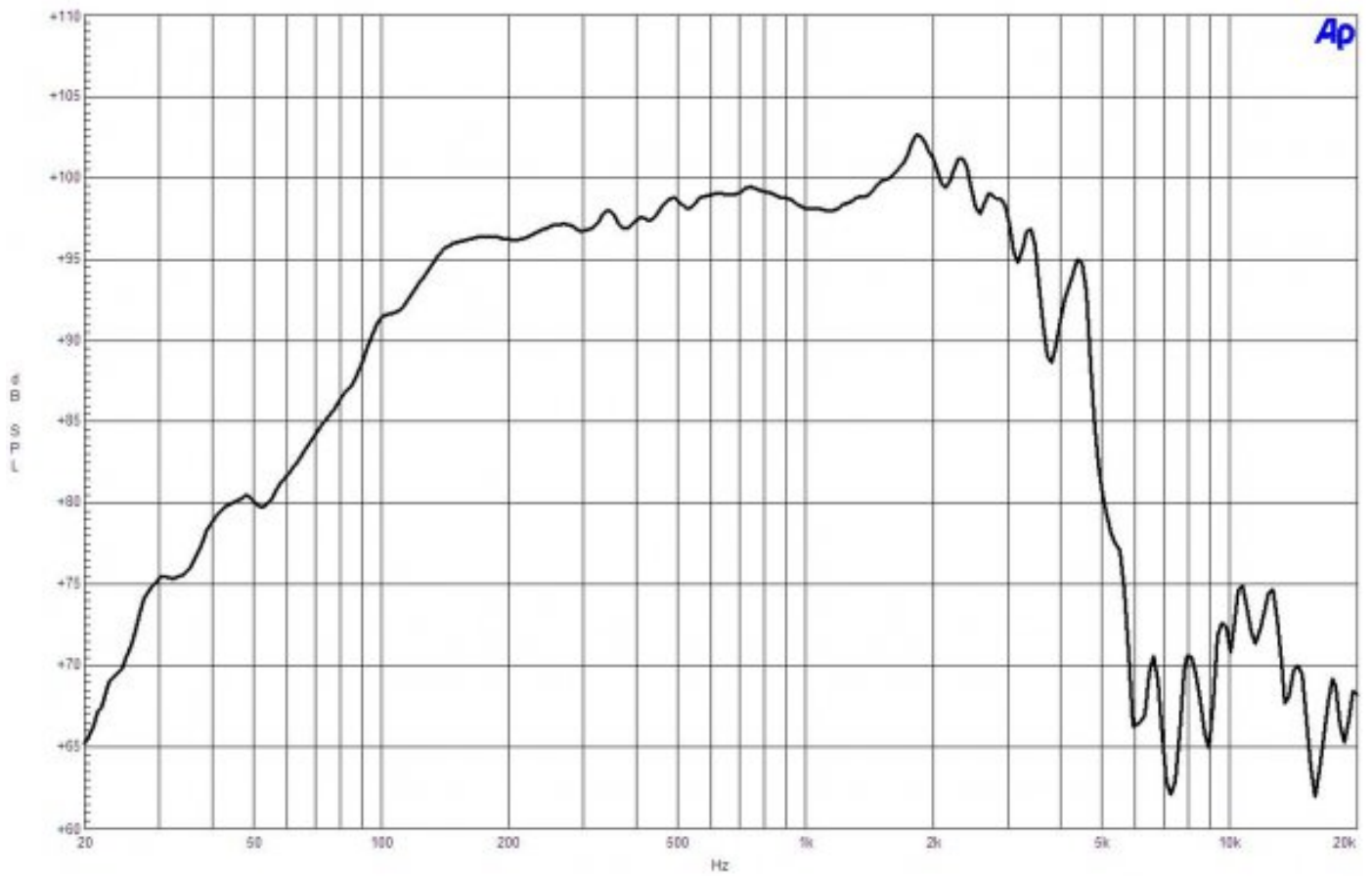
| | |
|-----------------------|--|
| Surround Shape | Double Roll |
| Cone Shape | Exponential |
| Magnet Material | Neodymium Inside Slug |
| Spider | Single |
| Pole Design | Straight Pole |
| Woofer Cone Treatment | WP Waterproof Front Side |
| Recommended Enclosure | 40 dm³ (1.41 ft³) |
| Recommended Tuning | 64 Hz |

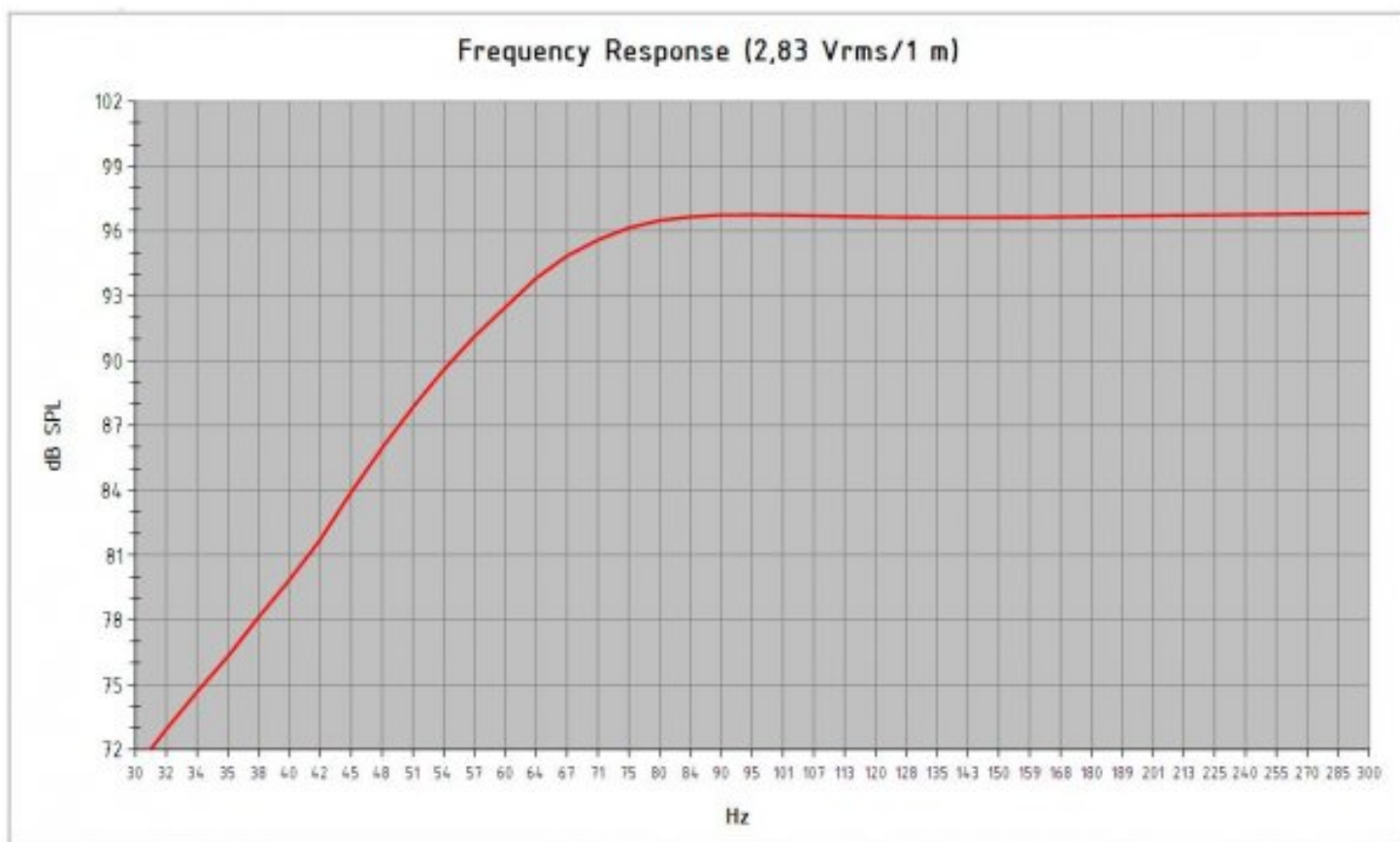
MOUNTING AND SHIPPING INFO

| | |
|-------------------------------|---|
| Overall Diameter | 313 mm (12.32 in) |
| Bolt Circle Diameter | 299 mm (11.77 in) |
| Baffle Cutout Diameter | 282 mm (11.1 in) |
| Depth | 133 mm (5.24 in) |
| Flange and Gasket Thickness | 9 mm (0.35 in) |
| Air Volume Occupied by Driver | 2 dm³ (0.07 ft³) |
| Net Weight | 1.9 kg (4.2 lb) |
| Shipping Units | 1 pcs |
| Shipping Weight | 2.8 kg (6.17 lb) |
| Shipping Box | 360x360x200 mm (14.17x14.17x7.87 in) |

SERVICE KITS

| | |
|----------------|-------------------|
| LF recone-kits | RCK12CL648 |
|----------------|-------------------|





Model: **12 CL 64**
 Enclosure Type: **Bass Reflex**

Internal Net Volume (Liters): **40**
 Tuning Frequency (Hz): **64** Port Area (cm²): **138,7**
 Frequency (-3 dB) (Hz): **64,1** Port Length (cm): **13,8**

Excursion Limited Maximum SPL at 1 meter (dB): **119,4** equal to **222,7** Watts (Bass Band Power Rating)
 Thermal Limited Maximum SPL at 1 meter (dB): **119,9** equal to **250,0** Watts (Mid Band Power Rating)

LF Drivers

Ø 12 inches

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