

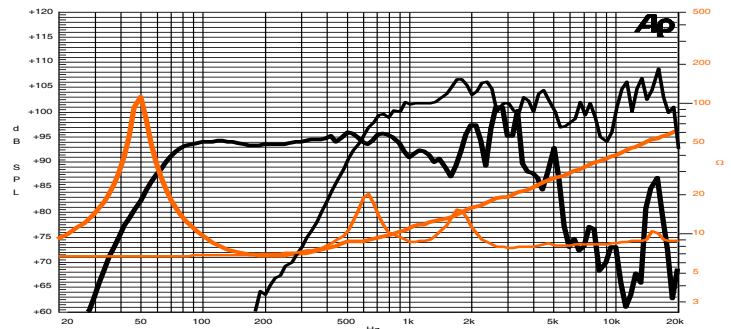
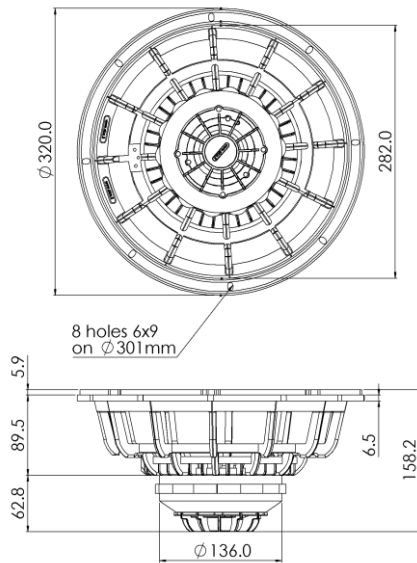
12 Cx 3 PL 8+8Ω

12" | 800 W

Code Z008004

Coaxial

- SNDW** LF 3" Sandwich voice coil Fiberglass former and Aluminium Winding
- HF** Polyimide dome 1.7" voice coil Flat Aluminium wire
- DAR** Cloth surround with Double Asymmetric Rolls Technology (DAR)
- WpT** Waterproof Cone Treatment
- Neodymium Magnet Circuit**
- 100° Horn coverage**
- 96.3 dB sensitivity**
- Frequency Range 55-20000 Hz**



Frequency Response on 45 Lt @ 55 Hz Vented Box @ 1W, 1m
Free Air Impedance

General Specifications	LF Unit	HF Unit
Nominal Diameter	320 mm (12")	
Nominal Impedance	8 Ω	8 Ω
Rated Power AES ⁽¹⁾	400 W	60 W
Continuous Program Power ⁽²⁾	800 W	120 W
Sensitivity @ 1W/1m ⁽³⁾	96.3 dB	100.4 dB
Voice Coil Diameter	75 mm (3 in)	44 mm (1.7 in)
Voice Coil Winding Depth	17 mm	2.6 mm
Magnetic Gap Depth	10 mm	3 mm
HF Recomm. Crossover Frequency		1.6 kHz
Magnet Weight	532 g	
Net Weight	4.9 kg	

Thiele & Small Parameters ⁽⁴⁾

Re (LF)	5.72 Ω	Fs (LF)	50 Hz
Re (HF)	6.0 Ω	Fs (HF)	620 Hz
Qms	10.2	Qes	0.47
Qts	0.45	Mms	55.63 g
Cms	182 μm/N	Bxl	14.5 Tm
Vas	72.7 l	Sd	530.9 cm ²
X max ⁽⁵⁾	+/-6.0 mm	X var ⁽⁶⁾	+/-8.5 mm
η _o	1.84 %	Le (1kHz)	0.99 mH

Constructive Characteristics

Magnet	Neodymium
Basket Material	Aluminium Die-Cast
LF Voice Coil Winding/Former Material	Aluminium / Fiberglass
HF Voice Coil Winding/Former Material	Aluminium Flat Wire / Kapton
LF Cone Material	Paper
HF Dome Material	Polyimide
Surround Material	Treated Cloth
HF Spare Part Code	Z009493CX-P-FI

Mounting Information

Overall Diameter	320 mm
Baffle Cutout Diameter	284 mm
Mounting Holes	8 holes 6x9 on ø301 mm
Total Depth	158.2 mm

⁽¹⁾ Rated Power measured with 2-hour test with pink noise signal, 6dB crest factor, loudspeaker in free air, power calculated on rated Zmin. ⁽²⁾ Power on Continuous Program is defined as 3dB greater than the Rated Power. ⁽³⁾ Calculated by Thiele & Small parameters, for SPL average in box refer to frequency response. ⁽⁴⁾ Thiele & Small parameters measured with laser system after preconditioning test. ⁽⁵⁾ Measured with respect to a THD of 10%. ⁽⁶⁾ Value corresponding to a decay of the Force Factor, or Compliance, or both, equal to the 50% of the small signal value. ⁽⁷⁾ Drawing dimensions: mm.

Due to continuing product improvement, the features and the design are subject to change without notice.