

V3608m/8

VERIFIED WITH
KLIPPEL

☀ 8 inch ☀ 250 Watts
☀ 96.5 dB ☀ 81 ~ 4100 Hz



KEY FEATURES:

- ① 500 W continuous program power capacity
- ② High efficiency: 96.5dB/1w/1m
- ③ 81 ~ 4100Hz frequency response range
- ④ 65mm(2.5") high temperature CCAW voice coil
- ⑤ Aluminum demodulating ring for lower distortion
- ⑥ Waterproof cone for outdoor usage
- ⑦ Ideal for the use in line array or multi-way systems

GENERAL SPECIFICATIONS

Nominal Diameter	200mm /8inch
Rated Impedance	8 ohm
Nominal Power handling ¹	250 Watts
Program Power ²	500 Watts
Sensitivity(1w/1m) ³	96.5 dB
Frequency Range ⁴	81 ~ 4100Hz
Minimum Impedance(Zmin)	6.0 ohm
Voice Coil Diameter	65mm /2.5inch
Voice Coil Material	CCA W
Former Material	Glass Fiber
Voice Coil Winding Depth	11 mm
Number of layers	2(inside/outside)
Magnet gap depth	8 mm
Basket	Cast Aluminum
Flux Density	1.15T
Magnet Out Diameter/Wgt	156mm / 50 oz

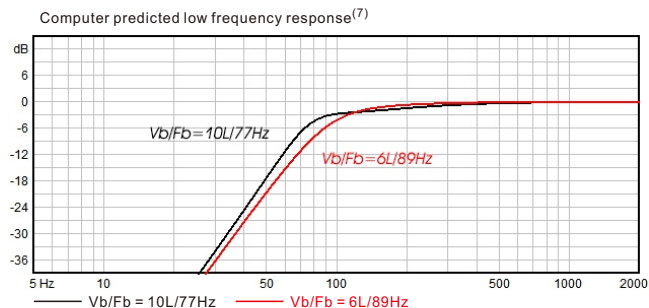
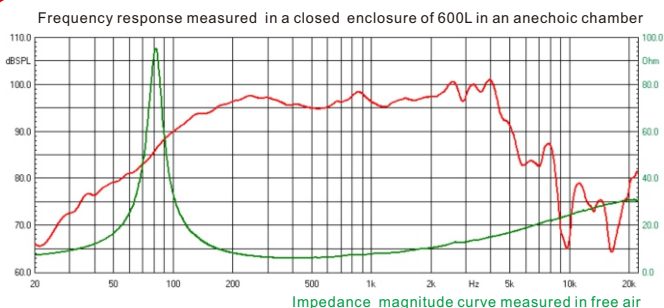
THIELE - SMALL PARAMETERS⁵

Resonance frequency	Fs	81 Hz
DC resistance	Re	5.0 ohm
Mechanical factor	Qms	6.4
Electrical factor	Qes	0.35
Total factor	Qts	0.33
Mechanical compliance	Cms	0.16 mm/N
Mechanical resistance of total-driver losses	Rms	1.9 kg/s
Effective Moving Mass	Mms	23.6 g
Half-space efficiency	Eff	1.7%
BL Factor	BL	13.2 T.m
Equivalent Cas air load	Vas	11 liters
Effective piston area	Sd	0.0222 m ²
Max. linear excursion ⁶	Xmax	±3.5 mm
Max. excursion before damage	Xdam	±11 mm
Voice coil inductance(1kHz)	Le	0.47 mH
Efficiency Bandwidth Product	EBP	231

MOUNTING INFORMATION

Overall Diameter	208.5 mm
Bolt Circle Diameter	196 mm
Bolt Hole Diameter	5.5 mm
Baffle Cutout Diameter	187 mm
Overall Depth	100 mm
Air volume occupied by driver	1.3 liters
Net Weight	4.0 kg
Shipping Weight	4.4 kg
Shipping Box	220x220x110mm

Also available in 16ohm, data upon request.



NOTES:

1. AES standard
2. Program Power is defined as 3 dB greater than the nominal power handling.
3. Sensitivity is measured at 1W input on rated impedance at 1m on axis.
4. Frequency range is defined as the band of frequencies delineated by the lower and upper limits where the output level drops by 10dB below the rated sensitivity.
5. Thiele-Small parameters are measured with Klippel DA LPM module BEFORE preconditioning test.
6. The maximum linear excursion is calculated as: $(Hvc-Hg)/2+Hg/4$ where Hvc is the voice coil depth and Hg is the gap depth.
7. Vb: Net internal volume of box after subtracting the volume of internal objects.