

# V3410m / I6



☀ 10 inch ☀ 280 Watts  
☀ 95 dB ☀ 64 ~ 3500 Hz



## KEY FEATURES:

- ① 560 W continuous program power capacity
- ② 95dB sensitivity 1w/1m
- ③ 65~3300Hz frequency response range
- ④ 2.5" inside/outside copper clad aluminum voice coil
- ⑤ Y35 high grade ferrite magnet
- ⑥ Optimized for the use in line array systems or 2-way systems

## GENERAL SPECIFICATIONS

Nominal Diameter	250mm /10inch
Rated Impedance	8 ohm
Nominal Power handling <sup>1</sup>	280 Watts
Program Power <sup>2</sup>	560 Watts
Sensitivity(1w/1m) <sup>3</sup>	95 dB
Frequency Range <sup>4</sup>	64 ~ 3500Hz
Minimum Impedance(Zmin)	12.1 ohm
Voice Coil Diameter	65mm /2.5inch
Voice Coil Material	CCAW
Former Material	Fiberglass
Voice Coil Winding Depth	15.5 mm
Number of layers	2(Inside/outside)
Magnet gap depth	8 mm
Basket	Cast Aluminum
Flux Density	1.1T
Magnet Out Diameter/Wgt	156mm / 50 oz

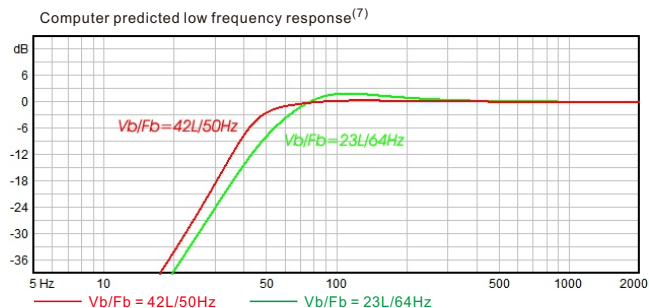
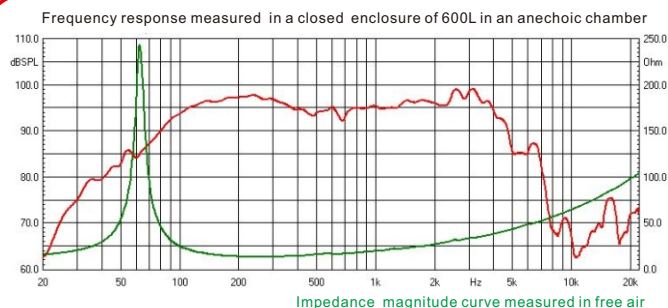
## THIELE - SMALL PARAMETERS<sup>5</sup>

Resonance frequency	Fs	64 Hz
DC resistance	Re	10.6 ohm
Mechanical factor	Qms	13.1
Electrical factor	Qes	0.54
Total factor	Qts	0.52
Mechanical compliance	Cms	0.14 mm/N
Mechanical resistance of total-driver losses	Rms	1.32 kg/s
Effective Moving Mass	Mms	43.2 g
Half-space efficiency	Eff	1.2%
BL Factor	BL	18.8 T.m
Equivalent Cas air load	Vas	24.7 liters
Effective piston area	Sd	0.0350m <sup>2</sup>
Max. linear excursion <sup>6</sup>	Xmax	±6 mm
Max. excursion before damage	Xdam	±16.2mm
Voice coil inductance(1kHz)	Le	0.27 mH
Efficiency Bandwidth Product	EBP	123

## MOUNTING INFORMATION

Overall Diameter	261 mm
Bolt Circle Diameter	246 mm
Bolt Hole Diameter	5.5 mm
Baffle Cutout Diameter	228 mm
Overall Depth	115 mm
Air volume occupied by driver	1.8 liters
Net Weight	4.3 kg
Shipping Weight	4.7 kg
Shipping Box	295x295x155mm

Also available in 8ohm, data upon request.



## NOTES:

- AES standard
- Program Power is defined as 3 dB greater than the nominal power handling.
- Sensitivity is measured at 1W input on rated impedance at 1m on axis.
- 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.
- Thiele-Small parameters are measured with Klippel DALPM module after an AES power preconditioning test and represent the expected long term parameters after a short term of use.
- The maximum linear excursion is calculated as:  $(H_{vc} \cdot H_g) / 2 + H_g / 4$  where  $H_{vc}$  is the voice coil depth and  $H_g$  is the gap depth.
- Vb: Net internal volume of box after subtracting the volume of internal objects.