



## **KEY FEATURES:**

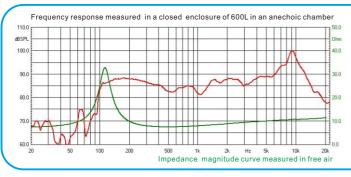
- ① 80W continuous program power capacity
- 2 88dB sensitivity, 1w/1m
- 3 20mm(0.8") high temperature CCAW voice coil
- 4 Vented voice coil former increases airflow to provide enhanced cooling
- 5 Shorting copper ring for extended HF response
- 6 Y35 Strontium ferrite magnet
- ② Strong and light fiberglass cone remains rigid to higher frequencies
- ® Rubber edge
- 9 Ideal for mini array systems, full range application

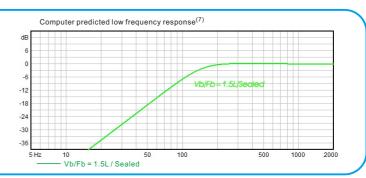
Nominal Diameter 80mm /3inch Rated Impedance 8 ohm  Nominal Power handling¹ 40 Watts  Program Power² 80 Watts  Sensitivity(1w/1m)³ 88 dB  Frequency Range⁴ 110 ~ 15k Hz  Minimum Impedance(Zmin) 7.3 ohm  Voice Coil Diameter 20mm /0.8inch  Voice Coil Material CCAW  Former Material Glass Fiber  Voice Coil Winding Depth 6 mm  Number of layers 2  Magnet gap depth 4 mm  Basket Pressed Steel	GENERAL SPECIFICATIONS		
Nominal Power handling¹ 40 Watts  Program Power² 80 Watts  Sensitivity(1w/1m)³ 88 dB  Frequency Range⁴ 110 ~ 15k Hz  Minimum Impedance(Zmin) 7.3 ohm  Voice Coil Diameter 20mm /0.8inch  Voice Coil Material CCAW  Former Material Glass Fiber  Voice Coil Winding Depth 6 mm  Number of layers 2  Magnet gap depth 4 mm  Basket Pressed Steel	Nominal Diameter	80mm /3inch	
Program Power <sup>2</sup> Sensitivity(1w/1m) <sup>3</sup> 88 dB  Frequency Range <sup>4</sup> Minimum Impedance(Zmin)  Voice Coil Diameter  Voice Coil Material  Former Material  Voice Coil Winding Depth  Number of layers  Magnet gap depth  Basket  Sensitivity(1w/1m) <sup>3</sup> 88 dB  7.3 ohm  10 ~ 15k Hz  CAW  COAW  Former Moderial  Glass Fiber  6 mm  Number of layers  2  Magnet gap depth  4 mm  Basket	Rated Impedance	8 ohm	
Sensitivity(1w/1m)³ 88 dB  Frequency Range⁴ 110 ~ 15k Hz  Minimum Impedance(Zmin) 7.3 ohm  Voice Coil Diameter 20mm /0.8inch  Voice Coil Material CCAW  Former Material Glass Fiber  Voice Coil Winding Depth 6 mm  Number of layers 2  Magnet gap depth 4 mm  Basket Pressed Steel	Nominal Power handling <sup>1</sup>	40 Watts	
Frequency Range <sup>4</sup> Minimum Impedance(Zmin) Voice Coil Diameter Voice Coil Material CCAW Former Material Glass Fiber Voice Coil Winding Depth Number of layers Magnet gap depth Basket  110 ~ 15k Hz 7.3 ohm CCAW 6 mm 6 mm 4 mm 7 mm 7 mm 8 mm 8 mm 8 mm 8 mm 8 mm 8	Program Power <sup>2</sup>	80 Watts	
Minimum Impedance(Zmin) Voice Coil Diameter 20mm /0.8inch Voice Coil Material CCAW Former Material Glass Fiber Voice Coil Winding Depth 6 mm Number of layers 2 Magnet gap depth 4 mm Basket Pressed Steel	Sensitivity(1w/1m) <sup>3</sup>	88 dB	
Voice Coil Diameter 20mm /0.8inch Voice Coil Material CCAW Former Material Glass Fiber Voice Coil Winding Depth 6 mm Number of layers 2 Magnet gap depth 4 mm Basket Pressed Steel	Frequency Range⁴	110 ~ 15k Hz	
Voice Coil Material CCAW Former Material Glass Fiber Voice Coil Winding Depth 6 mm Number of layers 2 Magnet gap depth 4 mm Basket Pressed Steel	Minimum Impedance(Zmin)	7.3 ohm	
Former Material Glass Fiber  Voice Coil Winding Depth 6 mm  Number of layers 2  Magnet gap depth 4 mm  Basket Pressed Steel	Voice Coil Diameter	20mm /0.8inch	
Voice Coil Winding Depth 6 mm  Number of layers 2  Magnet gap depth 4 mm  Basket Pressed Steel	Voice Coil Material	CCAW	
Number of layers 2  Magnet gap depth 4 mm  Basket Pressed Steel	Former Material	Glass Fiber	
Magnet gap depth 4 mm  Basket Pressed Steel	Voice Coil Winding Depth	6 mm	
Basket Pressed Steel	Number of layers	2	
	Magnet gap depth	4 mm	
Flore Demetter 4 OT	Basket	Pressed Steel	
Flux Density 1.21	Flux Density	1.2T	
Magnet Out Diameter/Wgt 70mm / 8 oz	Magnet Out Diameter/Wgt	70mm / 8 oz	

THIELE - SMALL PARAMETERS <sup>5</sup>		
Resonance frequency	Fs	113 Hz
DC resistance	Re	6.4 ohm
Mechanical factor	Qms	3.5
Electrical factor	Qes	0.85
Total factor	Qts	0.68
Mechanical compliance	Cms	0.67 mm/N
Mechanical resistance of total-driver losses	Rms	0.59 kg/s
Effective Moving Mass	Mms	2.9 g
Half-space efficiency	Eff	0.17%
BL Factor	BL	4 T.m
Equivalent Cas air load	Vas	1.03 liters
Effective piston area	Sd	0.0033 m <sup>2</sup>
Max. linear excursion <sup>6</sup>	Xmax	± 2 mm
Max. excursion before damage	Xdam	±5.5mm
Voice coil inductance(1kHz)	Le	0.1 mH
Efficiency Bandwidth Product	EBP	133

MOUNTING INFORMATION		
Overall Diameter	93 mm	
<b>Bolt Circle Diameter</b>	84 mm	
Bolt Hole Diameter	5 mm	
Baffle Cutout Diameter	71 mm	
Overall Depth	51 mm	
Air volume occupied by driver	0.14 liters	
Net Weight	0.48 kg / pc	
Shipping Weight	17 kg / 32pcs	
Shipping Box	400*400*145mm	







- 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. T/S parameters measured with laser system 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.