GMI5-88

☀ 15 inch ☀ 700 Watts
☀ 98 dB ☀ 44 ~ 3000 Hz

KEY FEATURES:

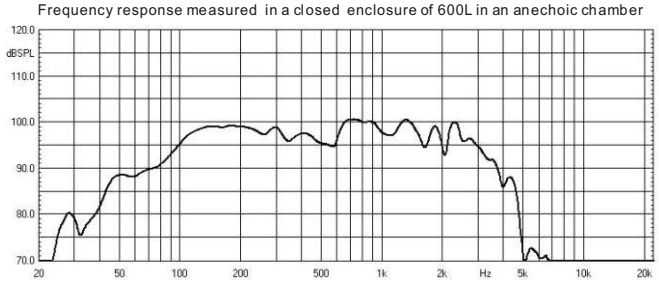
① 1400 W continuous program power capacity
② Sensitivity: 98dB 1w/1m
③ 88mm(3.5") high temperature inside/outsdie voice coil with copper clad aluminum wire
④ FEM designed ferrite magnetics
⑤ Triple aluminum demodulating rings
⑥ Idea for high quality compact 2 or 3-way systems

GENERAL SPECIFICATIONS	
Nominal Diameter	380mm /15inch
Rated Impedance	8 ohm
Nominal Power handling[1]	700 Watts
Program Power[2]	1400 Watts
Sensitivity(1w/1m)[3]	98 dB
Frequency Range[4]	44 ~ 3000Hz
Minimum Impedance(Zmin)	6.7 ohm
Voice Coil Diameter	88mm /3.5inch
Voice Coil Material	CCAW
Former Material	Glass Fiber
Voice Coil Winding Depth	20 mm
Number of layers	2(inside/outside)
Magnet gap depth	10 mm
Basket	Cast Aluminum
Flux Density	1.2 T
Magnet Outer Diameter / Wgt	200mm / 98 oz

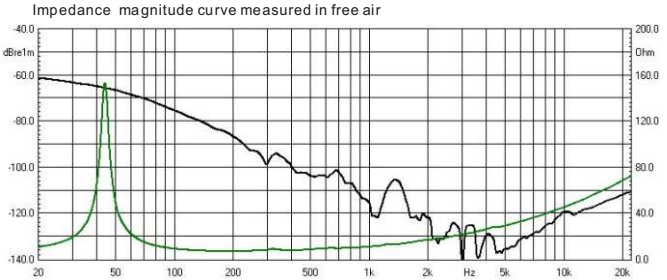
THIELE – SMALL PARAMETERS[5]		
Resonance frequency	Fs	44 Hz
DC resistance	Re	5.6 ohm
Mechanical factor	Qms	11.5
Electrical factor	Qes	0.43
Total factor	Qts	0.42
Mechanical compliance	Cms	0.11 mm/N
Mechanical resistance of suspension losses	Rms	2.71 mech-ohm
Effective Moving Mass	Mms	112 g
Half-space efficiency	Eff	2.25%
BL Factor	BL	20 T.m
Equivalent Cas air load	Vas	118 liters
Effective piston area	Sd	0.0855 m^2
Max. linear excursion[6]	Xmax	7 mm
Voice coil inductance	Le1K	1.0 mH
Efficiency Bandwidth Product	EBP	102

MOUNTING INFORMATION	
Overall Diameter	388 mm
Bolt Circle Diameter	370 mm
Bolt Hole Diameter	6.5 mm
Baffle Cutout Diameter	355 mm
Overall Depth	164 mm
Net Weight	10 kg
Shipping Weight	10.7 kg
Shipping Box	425x425x2 15 mm

Frequency response measured in a closed enclosure of 600L in an anechoic chamber



Impedance magnitude curve measured in free air



Laser displacement in dBmeter

Impedance in ohm

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. T/S parameters measured with laser system without preconditioning test at 23 Celsius degree environment.
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.