



15W75-8S

BASS/MID RANGE DRIVER



GENERAL SPECIFICATIONS

Part Number	15W75-8S
Nominal Diameter	388mm (15in)
Nominal Impedance	8Ω
Minimum Impedance	6.2Ω
AES Power Handling ¹	400W
Maximum Power Handling ²	800W
Sensitivity (1W/1m) ³	98.5dB
Resonance Frequency	42Hz
Frequency Range	42Hz-3.5kHz
Voice Coil Diameter	75.55mm
Winding Material	Copper Clad Aluminum
Former Material	Glass Fiber
Winding Depth	18.5mm
Magnetic Gap Depth	10mm
Xmax ⁴	7.6mm
Flux Density	1.15T
Basket Material	Cast Aluminum
Magnet Material	Ferrite
Suspension Material	Fabric
Surround Material	M-Roll Cloth-sealed
Cone Material	Curvilinear Paper
Net Weight	7.5kg

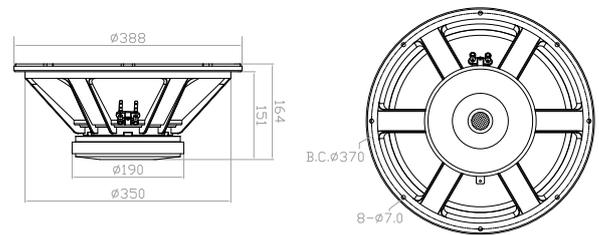
TS Parameters⁵

Fs	43Hz	Qms	9.2
Re	5.1Ω	Qes	0.40
Le	0.54mH	Qts	0.38
Mms	92g	Vas	160L
Mmd	77g	Ref. Efficiency	3.1%
Cms	0.15mm/N	Sd	881cm ²
BL	17.8Tm	EBP	108Hz

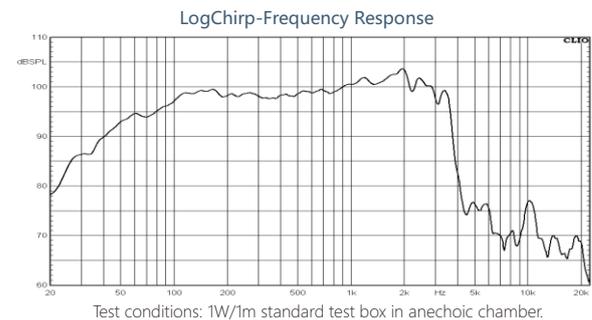
KEY FEATURES

- 98.5dB 1W/1m sensitivity
- 400W AES power handling
- 42Hz-3.5kHz frequency response
- 75.55mm (3.0in) copper clad aluminum voice coil
- Heavy-duty cast aluminum chassis for increased rigidity
- Suitable for compact two way systems

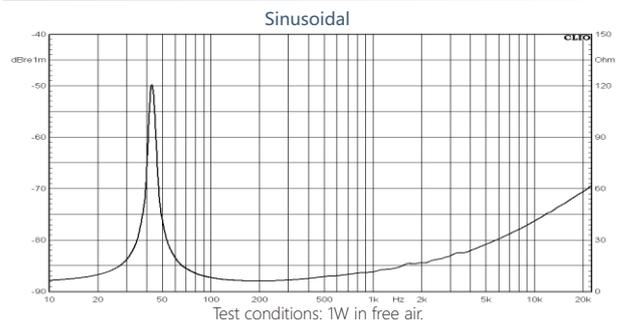
MECHANICAL DRAWING



FREQUENCY RESPONSE CURVE



IMPEDANCE CURVE



NOTES

1. Two hours test according to AES 2-1984 Rev. 2003.
Power calculated on rated minimum impedance.
2. Maximum power is defined as 3dB greater than Nominal power.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Xmax=[(winding depth-magnetic gap depth)/2]+(magnetic gap depth/3).
5. Thiele-Small parameters are measured after a preconditioning test.
6. Power test by continuous pink noise signal within the frequency range.