



# 15W65-8TP

BASS/MID RANGE DRIVER



## GENERAL SPECIFICATIONS

Part Number	15W65-8TP
Nominal Diameter	386mm (15in)
Nominal Impedance	8Ω
Minimum Impedance	6.3Ω
AES Power Handling <sup>1</sup>	350W
Maximum Power Handling <sup>2</sup>	700W
Sensitivity (1W/1m) <sup>3</sup>	97dB
Resonance Frequency	45Hz
Frequency Range	45Hz-3.5kHz
Voice Coil Diameter	63.8mm
Winding Material	Copper
Former Material	Glass Fiber
Winding Depth	14.5mm
Magnetic Gap Depth	8mm
Xmax <sup>4</sup>	5.9mm
Flux Density	1.2T
Basket Material	Pressed Steel
Magnet Material	Ferrite
Suspension Material	Fabric
Surround Material	W-Roll Cloth-sealed
Cone Material	Curvilinear Paper
Net Weight	5.5kg

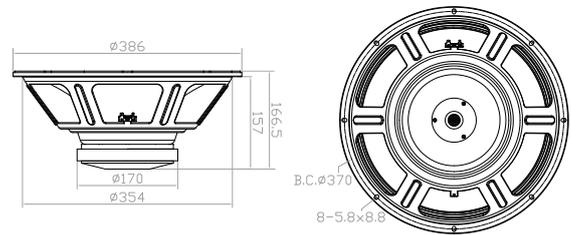
## TS Parameters<sup>5</sup>

Fs	47Hz	Qms	8.6
Re	5.8Ω	Qes	0.73
Le	0.59mH	Qts	0.67
Mms	100g	Vas	123L
Mmd	85g	Ref. Efficiency	1.7%
Cms	0.11mm/N	Sd	881cm <sup>2</sup>
BL	15.4Tm	EBP	64Hz

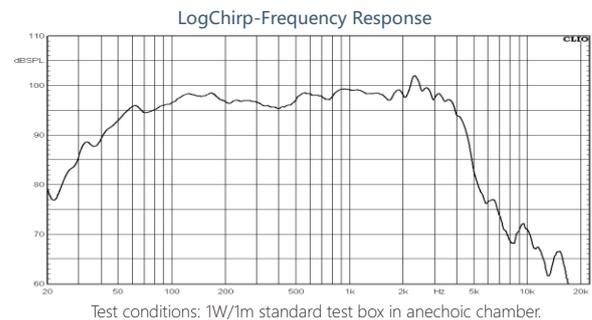
## KEY FEATURES

- 97dB 1W/1m sensitivity
- 350W AES power handling
- 45Hz-3.5kHz frequency response
- 63.8mm (2.5in) copper voice coil
- Suitable for compact two way systems

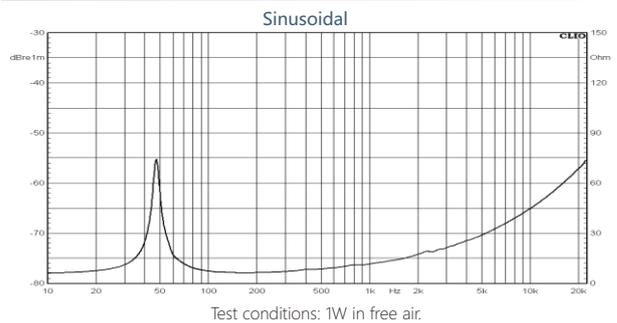
## MECHANICAL DRAWING



## 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.