



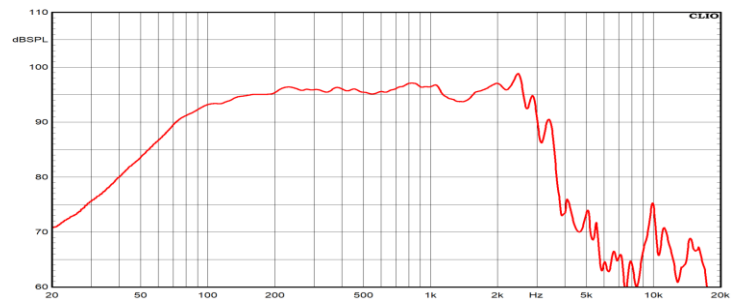
## 15" Ceramic Woofer

<b>Program Power</b>	<b>1000 W</b>
<b>Rated impedance</b>	<b>8 Ohm</b>
<b>Nominal diameter</b>	<b>15" - 380 mm</b>
<b>Sensitivity (2,83V/1m)</b>	<b>97,9 dB</b>
<b>Voice coil diameter</b>	<b>3 in - 75 mm</b>
<b>Frequency Range</b>	<b>40-3000 Hz</b>

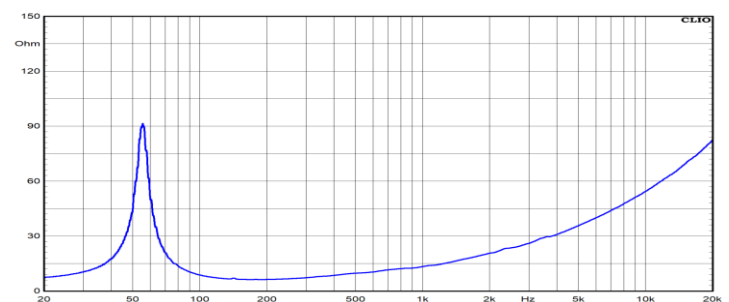
### SPECIFICATIONS

Nominal Diameter	15" - 380 mm
Rated Impedance	8 Ohm
AES Power	500 W
Program Power <sup>2</sup>	1000 W
Sensitivity <sup>3</sup>	97,9 dB
Frequency Range <sup>4</sup>	40-3000 Hz
Minimum Impedance	6,4 Ohm
Basket Material	Steel
Magnet Material	Ferrite
Cone Material	Treated Paper - Water repellent
Cone Shape	Exponential
Surround	Triple Roll
Suspension	-
Voice Coil Diameter	3 in - 75 mm
Voice Coil Winding Material	Copper
Voice Coil Length	19 mm - 0,75 in
Voice Coil Former Material	Glass Fiber
Connection type	Fast-On
Ferrofluid	No
Magnetic Gap Height	10 mm - 0,39 in
Max. Peak to Peak Excursion	30 mm - 1,18 in
Efficiency Bandwidth Product EBP	107
Recommended Enclosure Volume	65÷150 lt (dm <sup>3</sup> ) - 2,3÷5,3 cu.ft

### FREQUENCY RESPONSE CURVE <sup>6</sup>



### FREE AIR IMPEDANCE CURVE <sup>7</sup>



### T/S PARAMETERS

8 Ohm

Resonance frequency	Fs	44 Hz
DC Resistance	Re	5,3 Ohm
Mechanical Q Factor	Qms	8,61
Electrical Q Factor	Qes	0,41
Total Q Factor	Qts	0,39
BI Factor	BI	19,3 Tm
Effective Moving Mass	Mms	103 g - 0,23 lb
Equivalent Cas air loaded	Vas	135 lt (dm <sup>3</sup> ) - 4,77 cuft
Effective piston area	Sd	881 cm <sup>2</sup> - 136,6 sq.in
Max. Linear Excursion <sup>5</sup>	Xmax	7 mm - 0,28 in
	Xvar	8 mm - 0,31 in
Voice Coil Inductance @ 1kHz	Le	1,16 mH
Half-space Efficiency	η0	2,8 %

### NOTES

<sup>1</sup> Nominal power is determined according to AES2-1984 (r2003) standard.

<sup>2</sup> Program Power is defined as 3 dB greater than the Nominal rating.

<sup>3</sup> Sensitivity represents the averaged value of acoustic output as measured on the forward central axis of cone, at distance 1m, when connected to 2,83V sine wave test signal.

<sup>4</sup> Frequency range is given as the band of frequencies delineated by the lower and upper limits where the output level drops by 10 dB below the rated sensitivity in half space environment.

<sup>5</sup> Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.

<sup>6</sup> Frequency response measured in 260 L reference closed box in free field (4m) with 2.83 Vrms

<sup>7</sup> Impedance curve is measured in free air conditions at small signals.

### MOUNTING AND SHIPPING INFORMATION

Overall Diameter	389 mm - 15,31 in
Baffle Cutout Diameter	353 mm - 13,9 in
Flange and Gasket Thickness	11 mm - 0,43 in
Total Depth	174 mm - 6,85 in
Bolt Circle Diameter	374 mm - 14,72 in
Bolt Holes Quantity and Diameter	8 / 5 mm - 0,2 in
Net Weight	6,8 Kg - 14,99 lb
Shipping Weight	7,4 Kg - 16,31 lb