CT440

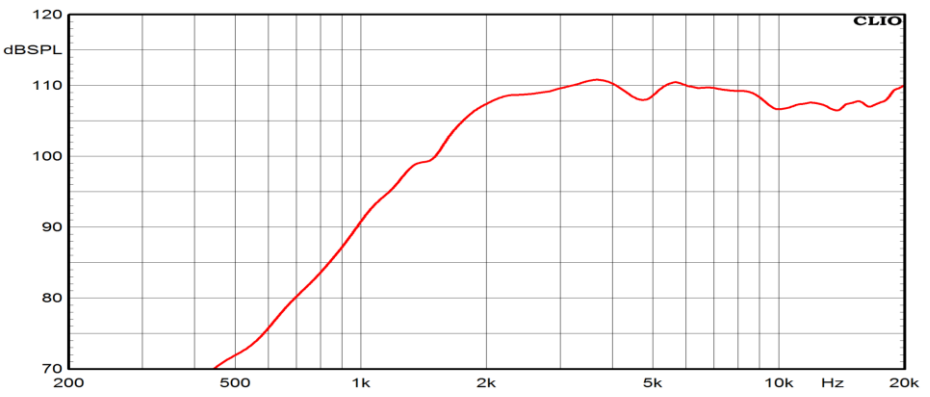
1"¼ NEO Horn Tweeter

Program Power	500 W
Rated impedance	8 Ohm
Nominal diameter	1"¼- 44 mm
Sensitivity (2,83V/1m)	110 dB
Voice coil diameter	1,75 in - 44 mm
Frequency Range	2000-20000 Hz

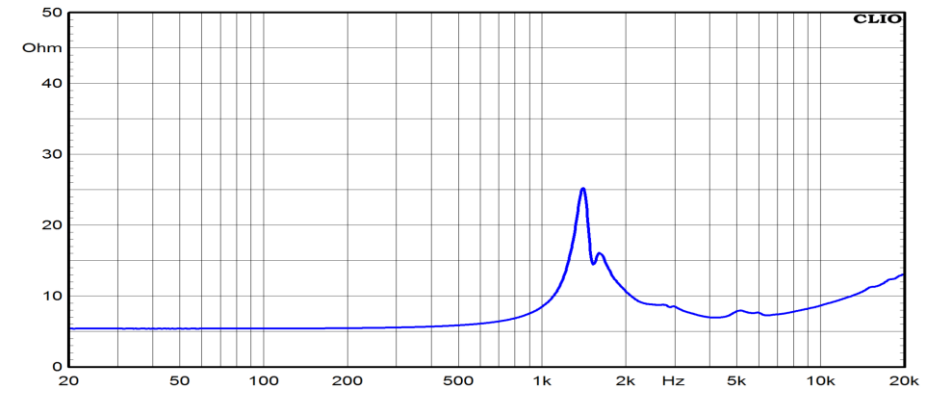
SPECIFICATIONS

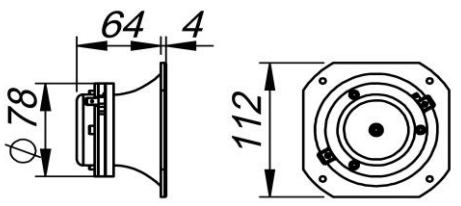
Nominal Diameter	1"¼- 44 mm
Rated Impedance	8 Ohm
Nominal Power Handling [1]	250 W
Program Power [2]	500 W
Sensitivity [3]	110 dB
Frequency Range [4]	2000-20000 Hz
Minimum Impedance	-
Flange material	Aluminum
Magnet Material	Neodymium
Diaphragm Material	Mylar
Diaphragm Shape	Planar
Surround	-
Voice Coil Diameter	1,75 in - 44 mm
Voice Coil Winding Material	Aluminum
Voice Coil Former Material	-
Flux Densitry	1,65 Tm
Ferrofluid	No
Connection type	Faston
Recommended Crossover Frequency	2 kHz

FREQUENCY RESPONSE CURVE [6]



FREE AIR IMPEDANCE CURVE [7]





T/S PARAMETERS

8 Ohm

Resonance frequency	Fs	1400 Hz
DC Resistance	Re	4,5 Ohm
Mechanical Q Factor	Qms	-
Electrical Q Factor	Qes	-
Total Q Factor	Qts	-
Bl Factor	Bl	-
Effective Moving Mass	Mms	-
Suspension Compliance	Cms	-
Effective Piston Diameter	D	- -
Effective piston area	Sd	- -
Voice Coil Inductance @ 1kHz	Le	-

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	112X112 mm -
Baffle Cutout Diameter	95 mm - 3,74 in
Flange Thickness	4 mm - 0,16 in
Total Depth	68 mm - 2,68 in
Bolt Circle Diameter	116 mm - 4,57 in
Bolt Holes Quantity and Diameter	4 / 4,5 mm - 0,18 in
Net Weight	0,8 Kg - 1,76 lb
Shipping Units	6 Pcs

NOTES

[1] 2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated nominal impedance.
[2] Program Power is defined as 3 dB greater than the Nominal rating.
[3] 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.
[4] 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.
[5] Linear Math. Xmax is calculated as (Hvc-Hg)/2 + Hg/4 where Hvc is the coil depth and Hg is the gapdepth.
[6] Frequency response curve is measured on IEC Baffle.
[7] Impedance curve is measured in free air conditions at small signals.