



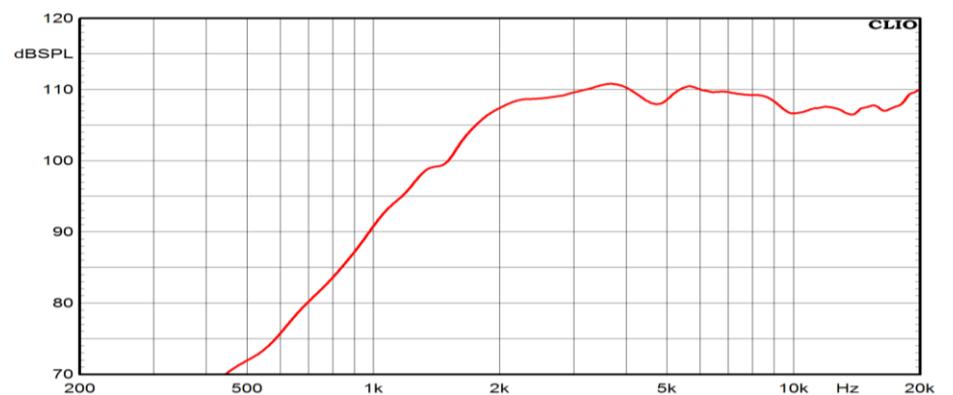
1"¼ NEO Horn Tweeter

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

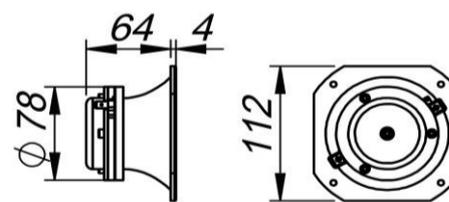
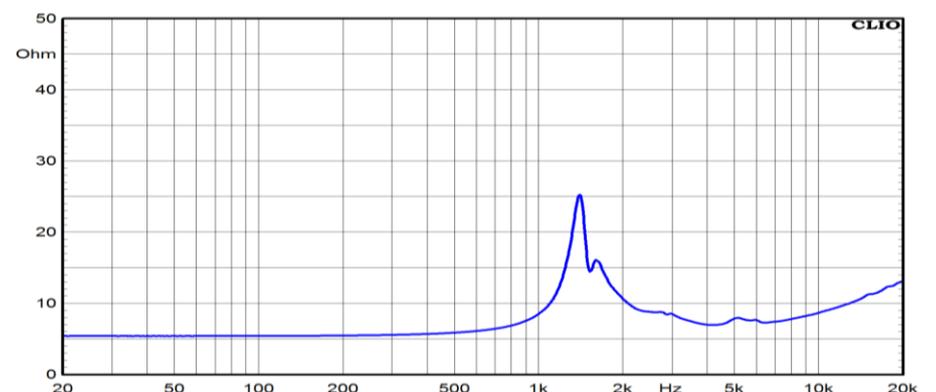
SPECIFICATIONS

| | |
|-------------------------------------|-----------------|
| Nominal Diameter | 1,75" - 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 Density | 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 | - |
| BI 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

- Nominal power is determined according to AES2-1984 (r2003) standard.
- Program Power is defined as 3 dB greater than the Nominal rating.
- 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.
- 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.
- Linear Math. Xmax is calculated as $(Hvc-Hg)/2 + Hg/4$ where Hvc is the coil depth and Hg is the gapdepth.
- Frequency response curve is measured on IEC Baffle.
- Impedance curve is measured in free air conditions at small signals.