

## 1.1" Soft Dome, Neo-Classic Tweeter

### KEY FEATURES

- High energy, compact neodymium ring magnet
- Copper pole cap for low inductance and extended high frequency
- Unique T-Pole and tapered front plate for high BL
- Large rear chamber for low resonance and lower cross-over point
- 29mm silk dome diaphragm by Kurt Mueller
- 8 ohm impedance, 91 dB SPL
- Designed and assembled in the USA

### GENERAL SPECIFICATIONS

|                               |                     |
|-------------------------------|---------------------|
| Overall Diameter (in & mm)    | 4.1" (104 mm)       |
| Nominal Impedance (Z) (Ω)     | 8                   |
| Rated Power AES (W)           | 50 (100 watts peak) |
| Voice Coil Diameter (in & mm) | 1.1" (28.8 mm)      |
| SPL (dB) 1W @ 1M              | 91                  |
| Frequency Range (Hz)          | 1kHz-25kHz          |

### SMALL SIGNAL PARAMETERS

|                       |      |
|-----------------------|------|
| Fs (Hz)               | 670  |
| Re (Ω)                | 5.7  |
| Le (mH)               | 0.02 |
| Mms (g)               | 0.28 |
| Rms (kg/s)            | 0.80 |
| Cms (mm/N)            | 0.19 |
| Bl (T*m)              | 3.07 |
| Qms                   | 1.35 |
| Qes                   | 0.68 |
| Qts                   | 0.45 |
| Vas (Liters)          | 0.01 |
| Sd (cm <sup>2</sup> ) | 6.6  |
| EBP (Fs/Qes)          | 903  |

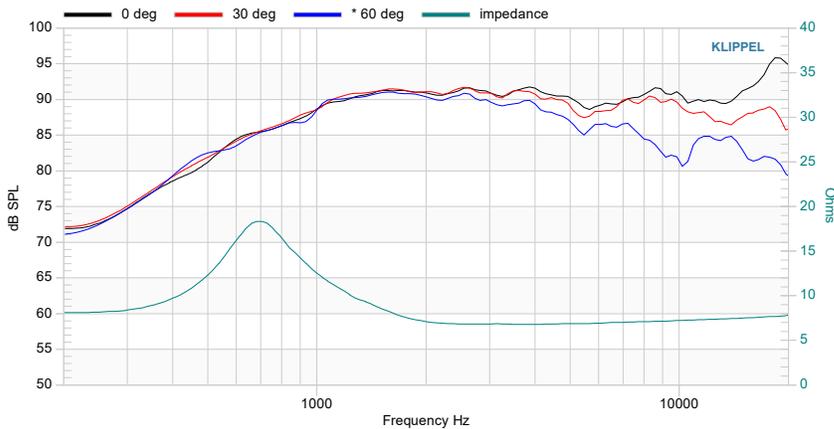
### MATERIAL DESCRIPTIONS

|                   |                |
|-------------------|----------------|
| Basket            | ABS            |
| Magnet Material   | Neodymium      |
| Cone Material     | Dome Diaphragm |
| Voice Coil        | Aluminum       |
| Voice Coil Former | Aluminum       |



### FREQUENCY RESPONSE AND IMPEDANCE CURVES

- Input: 2.83 volts measured at 1 meter



### ABOUT BOLD NORTH AUDIO

Bold North Audio products are the most accurate, engineered audio transducers available. Each design undergoes Klippel vibrational test analyses to verify the key characteristics for optimal audio performance. While we rely heavily on objective science to lead us, we understand that most of all speakers need to tell the musical truth. Our engineers, musicians, and recording studio veterans are the final judges of when a design is worthy of the Bold North Audio brand. All Bold North Audio products are designed and assembled in Minnesota, with parts sourced from around the world to produce the highest combination of performance, consistency, and customer value.