



## GRT-145W-8 sealed ribbon tweeter with waveguide

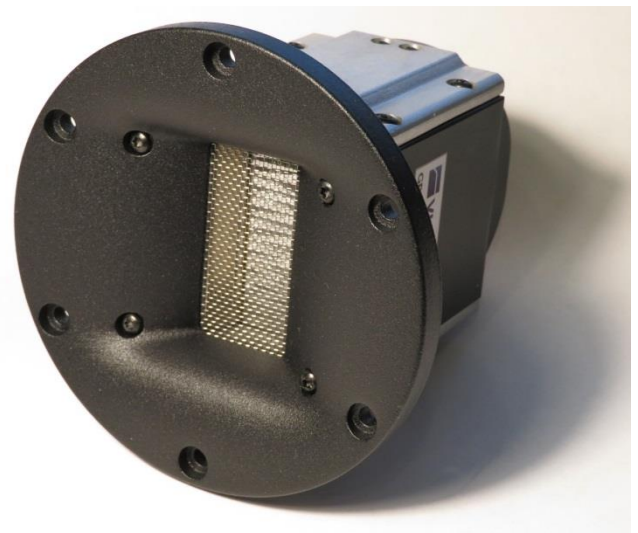
The patented technology of sealing the air gap between the ribbon and the poles of the magnets is used in the tweeter. Developed by Viawave Audio, this technology is called SRT - the sealed ribbon tweeter.

In the SRT, the gap between the ribbon and the magnets is covered with a U-shaped heat-resistant polymer film suspension. This dramatically reduces harmonic distortions at low frequencies of the operating range whilst also increasing the sensitivity by 2-3 dB.

The features of the waveguide tweeter are increased sensitivity in the lower part of the operating range and a controlled radiation pattern. This allows the use of a low-frequency crossover and facilitates the fusion of the sound of a tweeter with a mid-frequency driver.

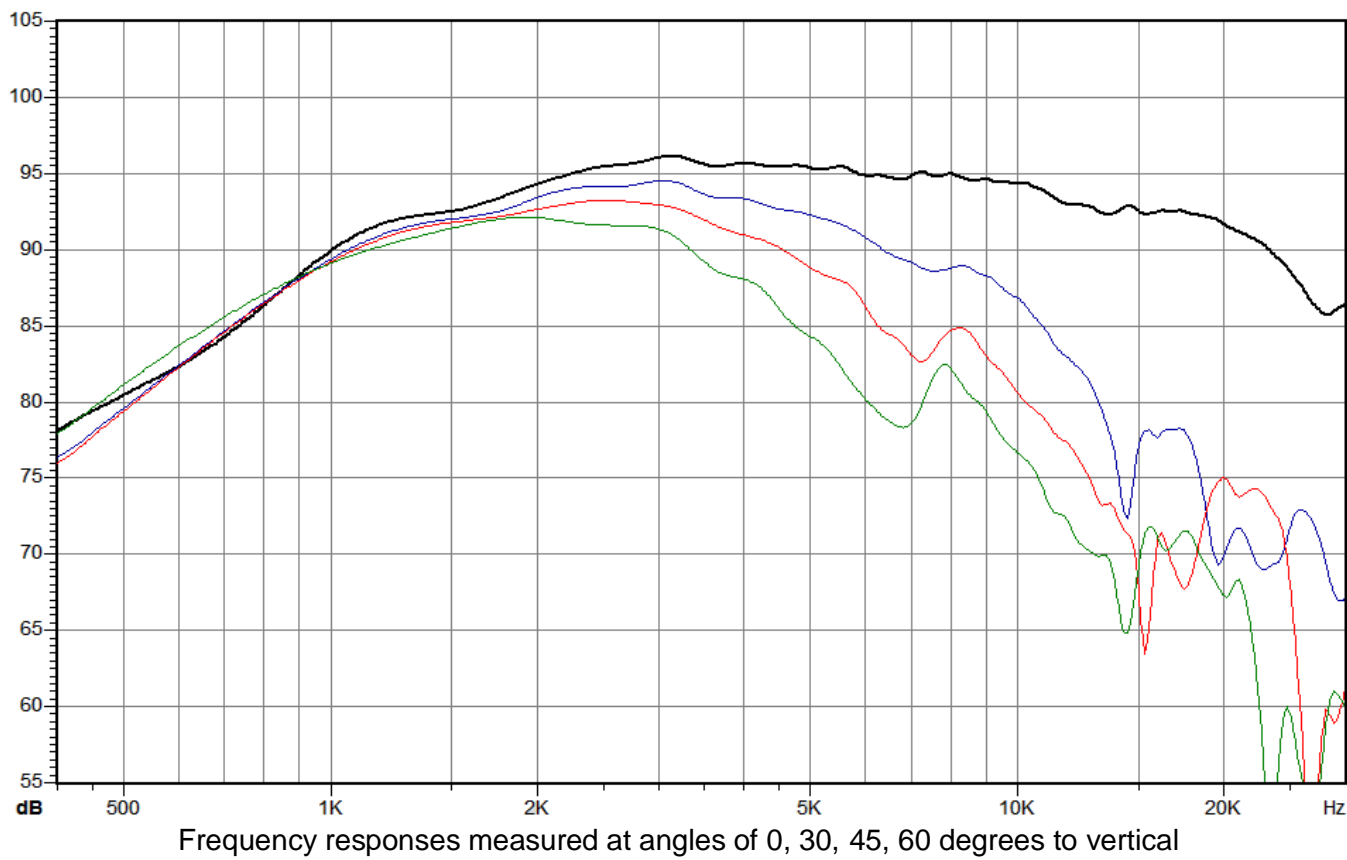
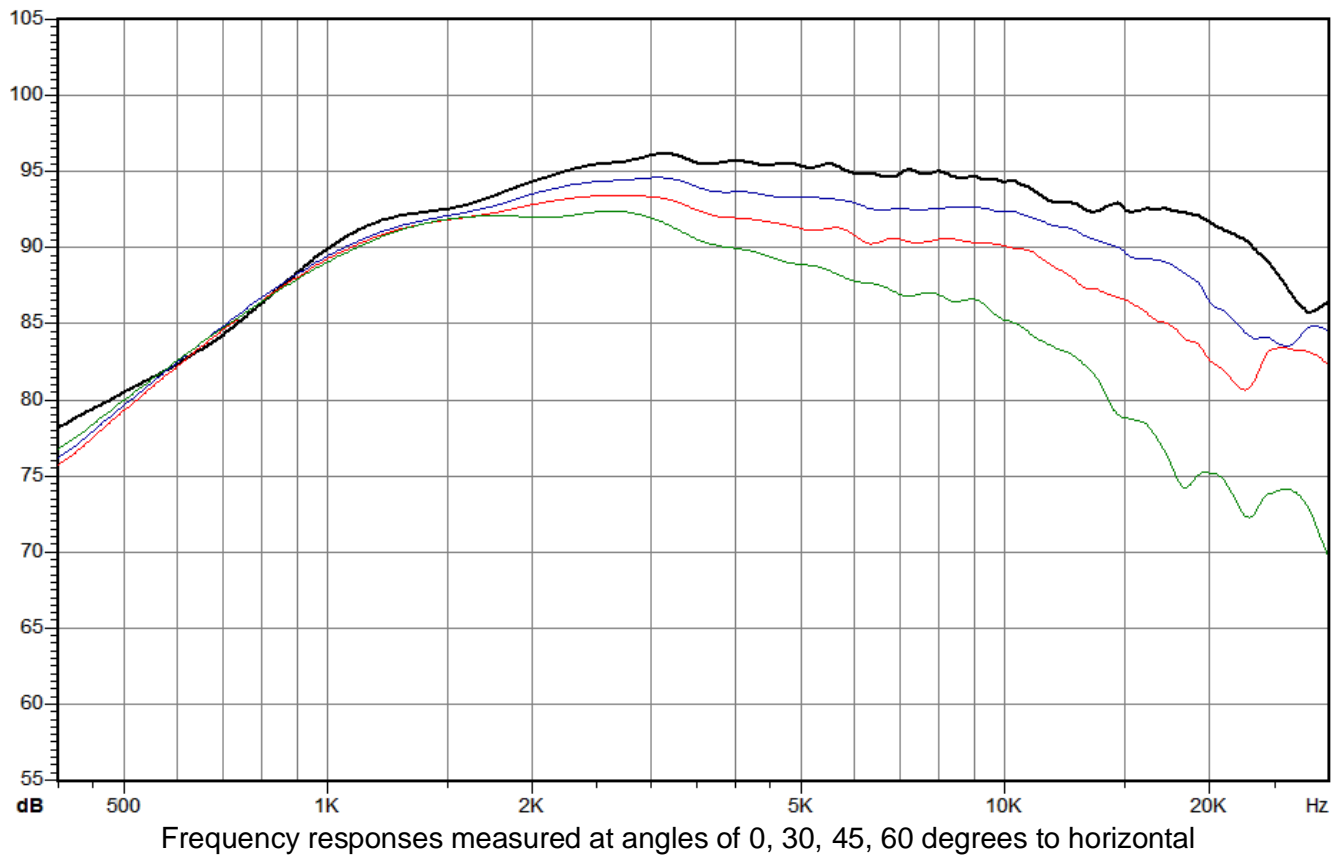
### Electrical parameters:

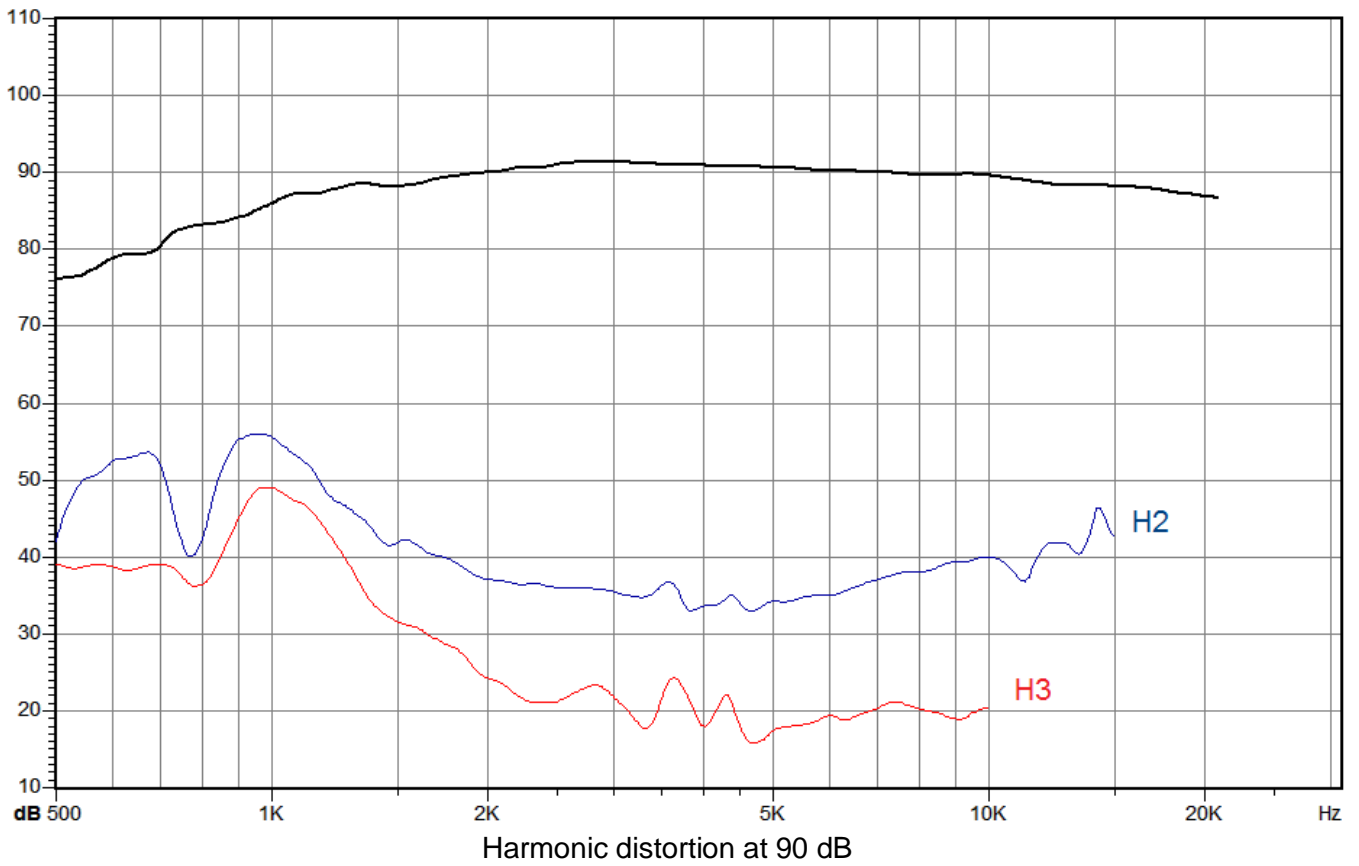
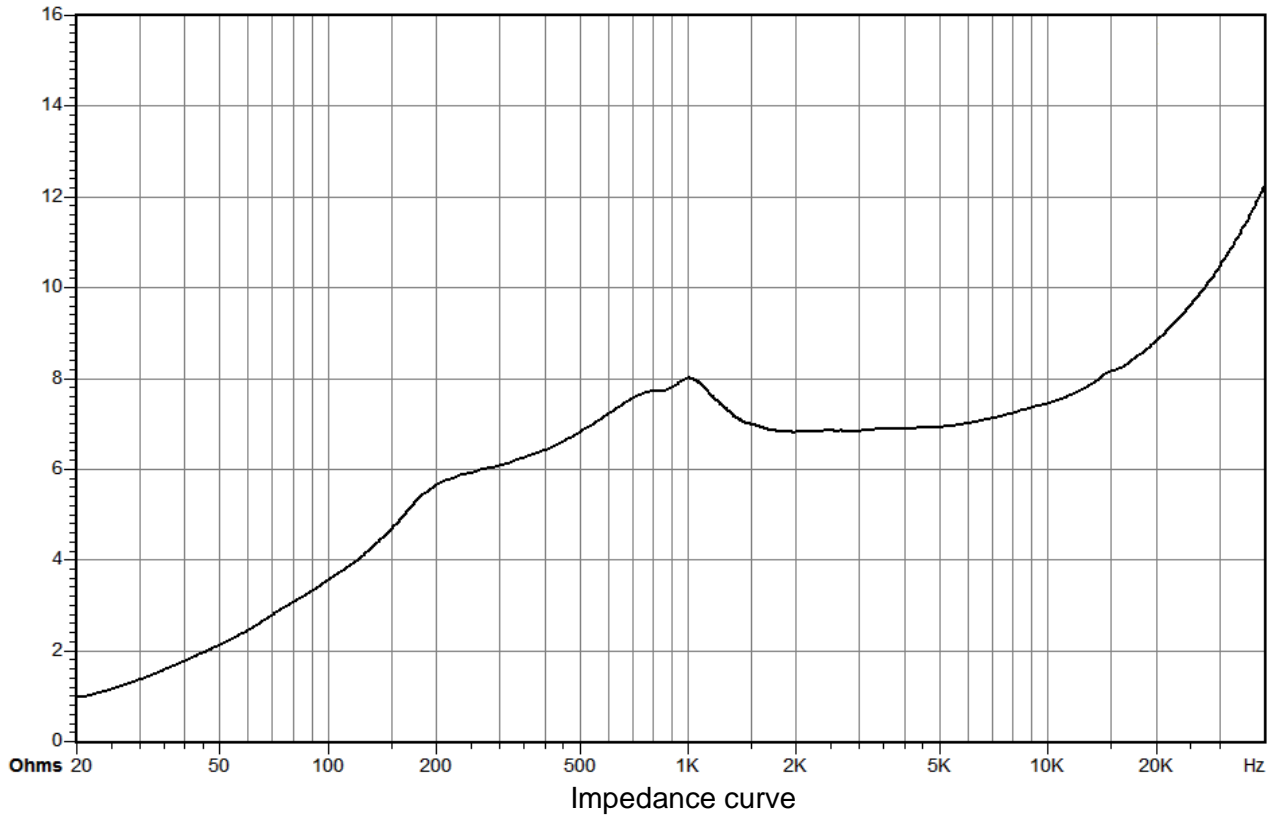
|                                      |                    |
|--------------------------------------|--------------------|
| Nominal impedance                    | 8 Ohms             |
| Recommended frequency range          | 1 800 – 30 000 Hz  |
| RMS power handling                   | 17 W               |
| Peak power handling                  | 40 W               |
| Program power handling via HF filter | 150 W              |
| 3000 Hz 12 dB/oct (IEC 268-5)        |                    |
| Sensitivity (2.83V, 1m, 2 – 10 kHz)  | 95 dB              |
| Rear chamber resonance               | 900 Hz             |
| Ribbon dimensions                    | 14 x 50 x 0.009 mm |
| Ribbon area                          | 7 cm <sup>2</sup>  |
| Ribbon mass                          | 0.018 g            |
| Input high frequency inductance      | 0.034 mH           |
| Input DC resistance                  | 0.06 Ohms          |
| Input low frequency inductance       | 7 mH               |
| Magnetic gap flux density            | 0.65 T             |
| Net weight                           | 1.43 kg            |



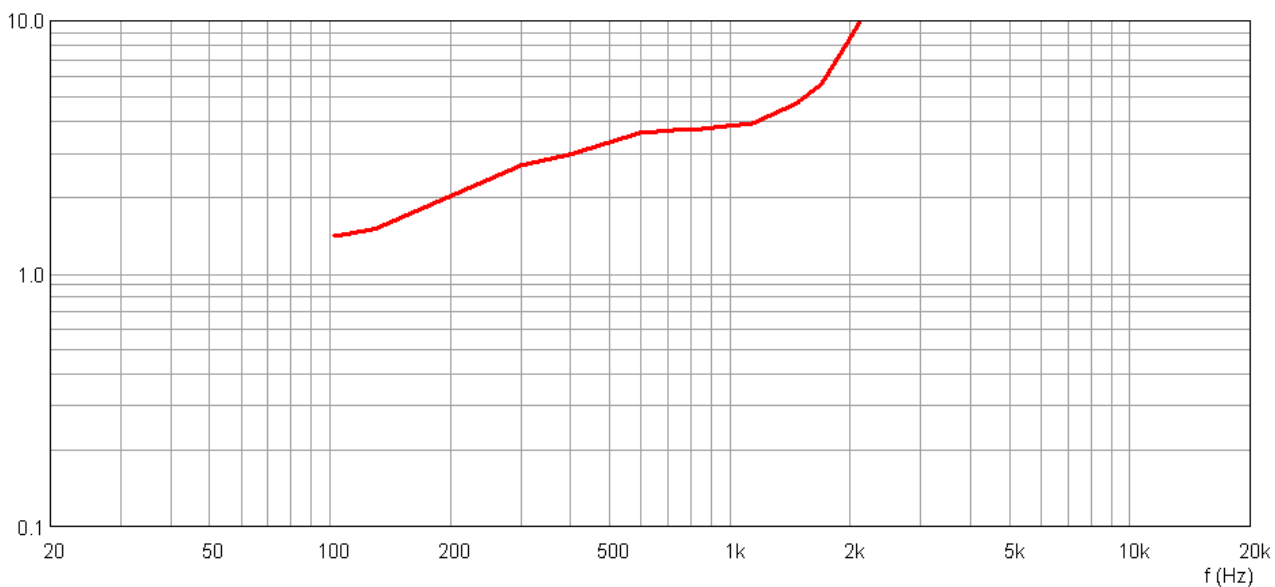
### Materials:

|                  |                  |
|------------------|------------------|
| Ribbon           | Aluminum         |
| Waveguide        | Aluminum         |
| Magnets          | NdFeB            |
| Magnetic circuit | Low carbon steel |
| Rear chamber     | Natural wool     |





U, V(RMS)



**The curve maximum RMS voltage at low frequencies.**

