



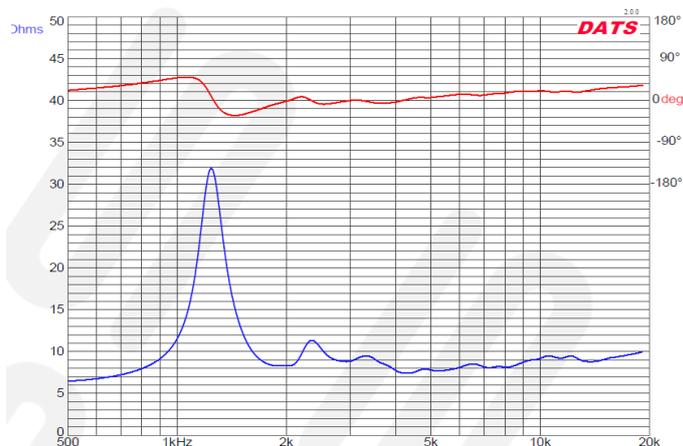
## GS-DR44NEO

### General Specifications

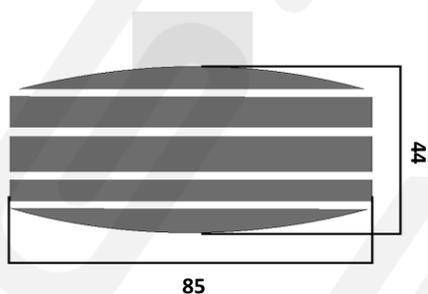
Nominal Diameter	85 mm
Impedance	8 Ohm
Minimum Impedance	5.8 Ohm
RMS Power (1.8 kHz- 24 dB)	130 W RMS
Max Power	260 W MAX
Frequency Range	1.8 kHz - 14 kHz
Sensitivity (1W - 1m)	110 dB
Sensitivity (2.83V)	111 dB
Voice Coil Diameter	44 mm
Voice Coil Wire	CCAW
Voice Coil Winding Height	3 mm
Voice Coil Material	Kapton
Diaphragm Material	Polyester
Throat Diameter	1" Flat

### Thiele & Small Parameters

Re (Ohm)	5.81
Fs (Hz)	1244.20
Le (mH) at 10 kHz	0.116
Qts	1.24
Qms	6.79
Qes	1.51



### Drawing Dimension / Installation



### Technical Parameters

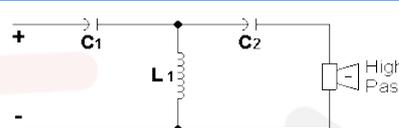
Magnet Material	Neodymium
Magnet Dimensions	85x5 mm
Gap Height	3 mm
Recommended Minimum Power	30 W RMS
Terminal Connection	Solder
Demodulation Ring	Aluminum
Horn Connection (Screw)	4xM6 - 76mm pattern

### Speaker / Package Dimensions

Outer Diameter	85 mm
Mounting Depth	44 mm
Speaker Volume	0.3 L
Speaker Weight	0.9 kg
Package Weight	1.2 kg
Shipping Box Dimensions	95 x 95 x 55 mm

For a clearer sound it is recommended:

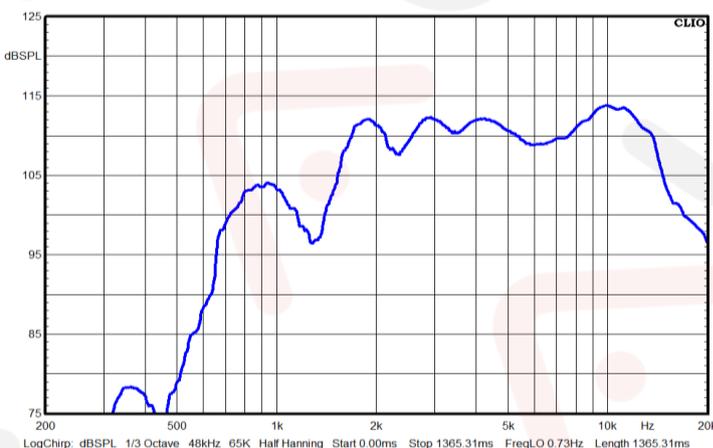
### Recommended Crossover (HPF) 2500 Hz - 18 dB



C1= 6.7 uF

C2= 20.2 uF

L1= 0.30 mH



Legend: — + 90x110mm HORN

Graphs measured at 2.83V - 1m / 8Ω  
GS Audio horns recommended, not required