

# PERFORMANCE - Auditor R-300S

## Subwoofer



## WHAT MAKES THE DIFFERENCE

- Compact enclosure
- Ported or sealed enclosure
- High power handling

## TECHNICAL CHARACTERISTICS

**Diameter:** 12" (300mm)  
**Voice-coil diameter:** 2" (50mm)  
**Voice-coil height:** 0<sup>13</sup>/<sub>16</sub>" (20mm)

**Magnet:** 5<sup>11</sup>/<sub>16</sub>" (145mm)  
**Polypropylene cone**  
**Max. power:** 600W

**Nom. power:** 300W RMS  
**Sensitivity (2.83V/1m):** 90dB  
**Frequency response:** 35Hz - 500Hz



# AUDITOR R-300S

Subwoofer (12")



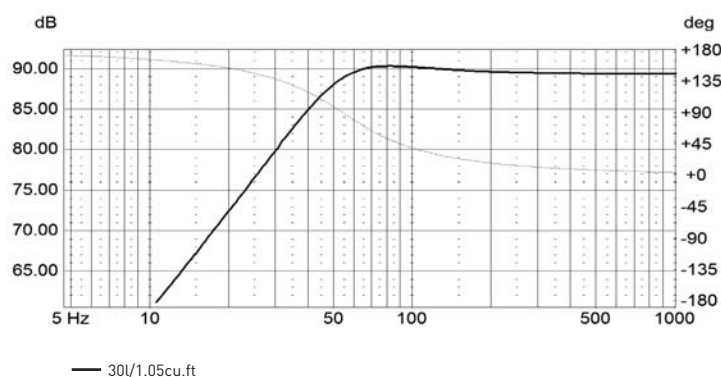
- Polypropylene Cone
- Steel basket
- 4 Ω single voice coil

## SPECIFICATIONS

Nominal power	300W RMS	
Maximum power	600W	
Sensitivity (2,83V/1m)	89.3dB	
Cone	Polypropylene	
Surround	Rubber	
Nom. impedance	4 Ω	
DC resistance	3.9 Ω	
VC diameter	50mm	1 <sup>31/32</sup> "
VC height	20mm	0 <sup>25/32</sup> "
Former	Aluminium	
Layers	4	
Wire	Copper	
Xmax	± 6mm	0 <sup>15/64</sup> "
Magnet d x h	145mm x 25mm	5 <sup>45/64</sup> x 0 <sup>63/64</sup> "
Flux density	0.9T	
Gap height	8mm	0 <sup>5/16</sup> "
Net weight	4300g	9.5 lbs

## FREQUENCY RESPONSE/IMPEDANCE

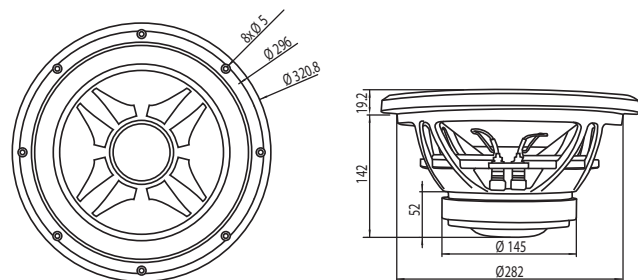
Sealed enclosure



## PARAMETERS

Fs	32.6Hz
Vas	53.91l
Qts	0.582
Qes	0.663
Qms	4.731
Re	3.89 Ω
Sd	471.44cm <sup>2</sup>
Cas	3.84E-07m <sup>5</sup> /N
Mas	62.1Kg/m <sup>4</sup>
Ras	2688.6 Ω.ac
Cms	1.73E-04m/N
Mms	138.02g
Rms	5.975Kg/s
Ces	832.08mF
Les	28.64mH
Res	27.76 Ω
BI	12.88N/A
SPL	86.34dB
f-3dans 30L	44Hz

## MECHANICAL DRAWING



 **Performance**  
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