

# PERFORMANCE - Auditor R-250S

## Subwoofer



## WHAT MAKES THE DIFFERENCE

- Compact enclosure
- Ported or sealed enclosure

## TECHNICAL CHARACTERISTICS

**Diameter:** 10" (250mm)  
**Voice-coil diameter:** 2" (50mm)  
**Voice-coil height:** 0<sup>13/16</sup>" (20mm)

**Magnet:** 5 1/2" (140mm)  
**Polypropylene cone**  
**Max. power:** 500W

**Nom. power:** 250W RMS  
**Sensitivity (2.83V/1m):** 88dB  
**Frequency response:** 35Hz – 500 Hz



# AUDITOR R-250S

Subwoofer (10")



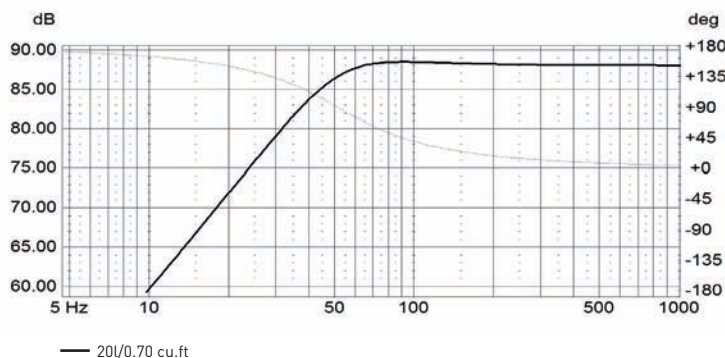
- Polypropylene Cone
- Steel basket
- 4 Ω single voice coil

## SPECIFICATIONS

Nominal power	250W RMS	
Maximum power	500W	
Sensitivity (2,83V/1m)	87.6dB	
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	± 7mm	0 <sup>9/32"</sup>
Magnet d x h	140mm x 20mm	5 <sup>3/64</sup> x 0 <sup>25/32</sup> "
Flux density	0.8T	
Gap height	6mm	0 <sup>15/64</sup> "
Net weight	3400g	7.5 lbs

## FREQUENCY RESPONSE/IMPEDANCE

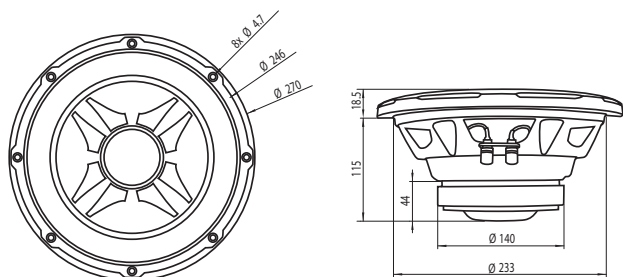
Sealed enclosure



## PARAMETERS

Fs	35.4Hz
Vas	28.11l
Qts	0.595
Qes	0.659
Qms	6.213
Re	3.58 Ω
Sd	314cm <sup>2</sup>
Cas	2E-07m <sup>5</sup> /N
Mas	100.99Kg/m <sup>4</sup>
Ras	3615.35 Ω.ac
Cms	2.03E-04m/N
Mms	99.67g
Rms	3.568Kg/s
Ces	827.6mF
Les	24.42mH
Res	33.75 Ω
BI	10.97N/A
SPL	84.61dB
f-3dans 30L	44Hz

## MECHANICAL DRAWING



**Performance**  
CREATE YOUR SOUND

**FOCAL**  
THE SPIRIT OF SOUND