



SANWAY AUDIO

<https://www.china-sanway.com>

15"-450W-8Ω

# 15ND88-8

- 450W continuous program power capacity •
- 88 mm copper voice coil •
- 42 - 2000 Hz response •
- 97 dB sensitivity •
- Neodymium magnet very light yet powerfull •



## SPECIFICATIONS

### General Specifications

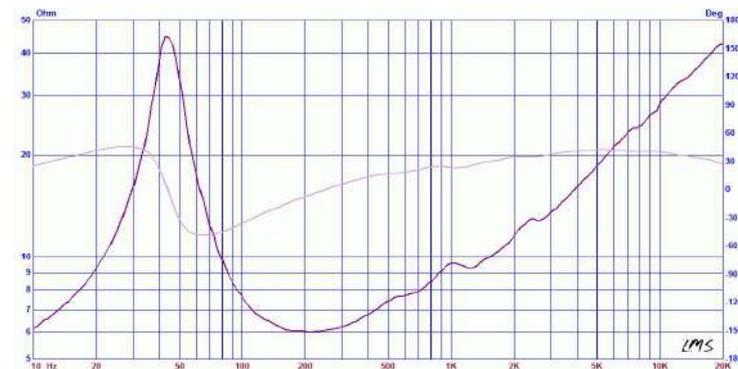
Nominal Diameter	380/15	mm/inch
Rated Impedance	8	ohm
Nominal Power handling <sup>1</sup>	450	Watts
Program Power <sup>2</sup>	900	Watts
Sensitivity(1w/1m) <sup>3</sup>	97	dB
Frequency Range <sup>4</sup>	42-2k	Hz
Voice Coil Diameter	88	mm
Voice Coil Material	Aluminum	
Voice Coil Winding Depth	19	mm
Magnet gap depth	10	mm
Basket	Cast Aluminum	
Flux Density	1.3	T
Magnet Material	Neodymium	

### Thiele-Small Parameters

Fs	42	Hz
Re	5	ohm
Qms	3.5	
Qes	0.44	
Qts	0.38	
Vas	125	Liters
Mms	115	gr
Cms	0.115	mm/N
No	2.3	%
Bl	18.6	Tm
Sd	0.088	m <sup>2</sup>
Xmax <sup>5</sup>	7	mm

### Mounting Information

Overall Diameter	381	mm
Bolt Circle Diameter	387	mm
Both Hole Diameter	6.5*8	mm
Baffle Cutout Diameter	354	mm
Overall Depth	185	mm
Net weight	5	kg
Shipping weight	6	kg
Shipping Box	440*438*220	mm



### NOTES:

1. AES standard(40~400Hz).
2. Program Power is defined as 3 dB greater than the nominal power handling
3. Sensitivity is measured at 1W input on rated impedance at 1m on axis and averaged between 100Hz and 500Hz.
4. Frequency range is defined as the band of frequencies delineated by the lower and upper limits where the output level drops by 10dB below the rated sensitivity.
5. The maximum linear excursion is calculated as:  $(Hvc - Hg) / 2 + Hg / 4$  where Hvc is the voice coil depth and Hg is the gap depth.

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