



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

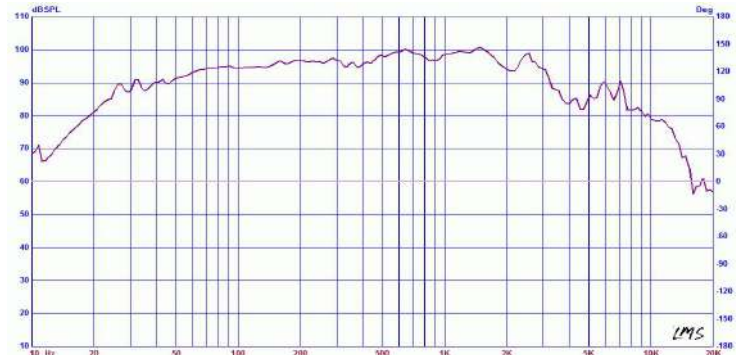
| | | |
|-------------------------------------|---------------|---------|
| Nominal Diameter | 380/15 | mm/inch |
| Rated Impedance | 8 | ohm |
| Nominal Power handling ¹ | 450 | Watts |
| Program Power ² | 900 | Watts |
| Sensitivity(1w/1m) ³ | 97 | dB |
| Frequency Range ⁴ | 42-2k | Hz |
| Voice Coil 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 ² |
| Xmax ⁵ | 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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