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# Legacy Pro Audio

# TN0820




## 8-inch, pressed steel chassis, neodymium magnet mid/ bass driver

- Compact high flux Dual Magnet Motor design
- Vented aluminium heatsink

**300W**
**Continuous power rating**

**94dB**
**Sensitivity**

**2in**
**Round copper voice coil**

### General Specifications

| | |
|---|---|
| Nominal Diameter | 203mm / 8in |
| Power Rating | 150W |
| Continuous power rating | 300W |
| EIA power rating | 250W |
| Rated impedance | 8 ohm |
| Sensitivity | 94dB |
| Frequency range | 60-4000Hz |
| Chassis type | Pressed steel |
| Magnet type | Neodymium |
| Voice coil diameter | 50mm / 2in |
| Voice coil material | Round copper |
| Former material | Polyimide |
| Cone material | Kevlar loaded paper |
| Surround material | Cloth-sealed |
| Suspension | Single |
| Gap height (Hg) | 8mm / 0.32in |
| VC winding height (Hvc) | 12mm / 0.47in |

### Mounting Information

| | |
|---|---|
| Overall diameter | 208mm / 8.19in |
| Overall depth | 100mm / 3.9in |
| Cut-out diameter | 183mm / 7.2in |
| Mounting hole dimensions | 9.5x5.5mm / 0.37x0.22in |
| Number of mounting holes | 8 |
| Mounting hole PCD | 196mm / 7.72in |
| Unit weight | 1.3kg / 2.9lb |

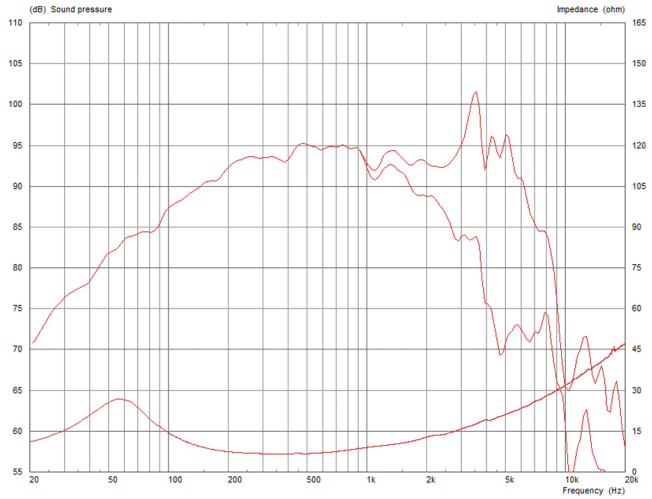
### Parameters

| | |
|---|---|
| Sd | 226.98cm$^2$ / 35.18in$^2$ |
| Fs | 61.90Hz |
| Mms | 21.98g / 0.78oz |
| Qms | 1.563 |
| Qes | 0.346 |
| Qts | 0.283 |
| Re | 5.62 ohm |
| Vas | 21.92l / 0.77ft$^3$ |
| Bl | 11.79Tm |
| Cms | 0.30mm/N |
| Rms | 5.47kg/s |
| Le (at 1kHz) | 0.65mH |
| Xmax | 2mm / 0.08in |

### Packed Dimensions & Weight

| | |
|---|---|
| Single pack size W x D x H | 230mm x 230mm x 110mm / 9.1in x 9.1in x 4.3in |
| Single pack weight | 1.4kg / 3.1lb |
| Multi pack qty | 120 |
| Multi pack size W x D x H | 980mm x 880mm x 840mm / 38.6in x 34.6in x 33.1in |
| Multi pack weight | 190kg / 420lb |

### Frequency Response and Impedance Curves




**Power rating:** Tested for two hours using a continuous, band-limited pink noise signal as per AES standard. Power calculated on minimum impedance. Loudspeaker tested in free air.
**Continuous power rating:** Defined as 3dB greater than the AES rating.
**Sensitivity:** Measured on axis at 1W, 1m in 2? anechoic environment.
**Parameters:** Measured after unit subjected to pre-conditioning signal.
**Xmax:** Hvc-Hg/2

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