

Mid-woofer

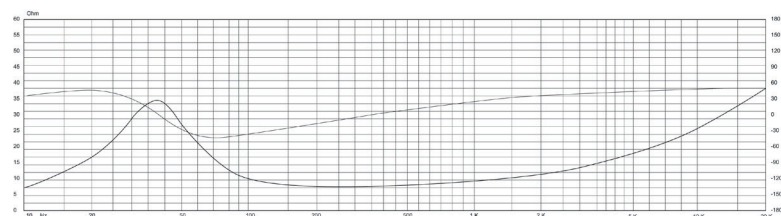
CR-160

Features

- great audio fidelity for affordable price
- frame with low profile lip
- coated paper cone
- rubber surround for durability and accurate reproduction
- smooth frequency response for simplify filter design
- vented pole piece for minimized compression
- good Xmax capability
- high potential in a reasonably sized cabinets



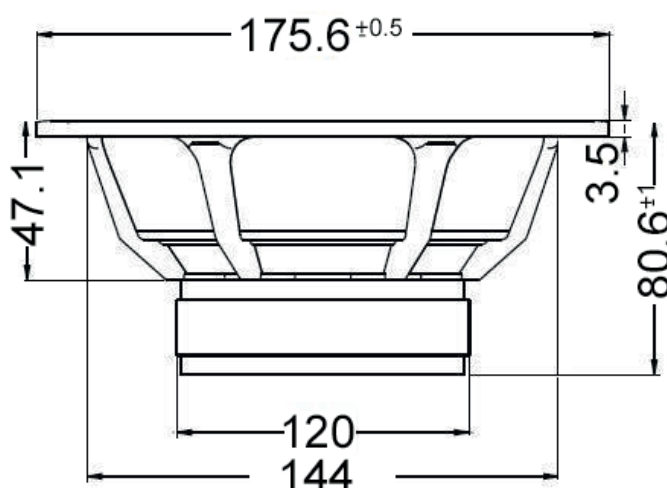
Frequency response (0° & 30°), Impedance curve



Technical specifications

| | |
|-------------------------------|-------------------------|
| Frequency range | fo ~ 5.000 Hz |
| Nominal impedance | 8 Ω |
| Cone | Paper |
| Surround material | Rubber |
| Basket W Copper ring material | stamped steel |
| Magnet material | Ferrite |
| Voice coil diameter | 35.5 mm |
| Voice coil former | Aluminium |
| Voice coil lenght | 16 mm |
| Voice coil layer | 2 mm |
| Wire material | Copper SVW |
| Outside diameter | 175.6 mm (6.5" speaker) |
| Build in hole diameter | 160 mm |
| Build in depth | 80.6 mm |
| SPL (1W/1M) | 87.7 dB |

Mechanical drawing



Thiele and Small parameters

| | Value | Symbol |
|--------------------|---------|-----------------|
| fs | 38.74 | Hz |
| VAS | 20.27 | l |
| QMS | 1.565 | — |
| QES | 0.311 | — |
| QTS | 0.259 | — |
| Re | 5.6 | Ω |
| Sd | | cm ² |
| Cms | 0.862 | mm/N |
| Mms | 19.58 | g |
| LE | 0.99 | VC/mH |
| BL | 9.263 | (NA) (F/l) |
| Xmax | 5.25 | mm |
| D | 128 | mm |
| Free air resonance | 40 ± 10 | Hz |