

# COAX diECi

## DCX 460.3 80W



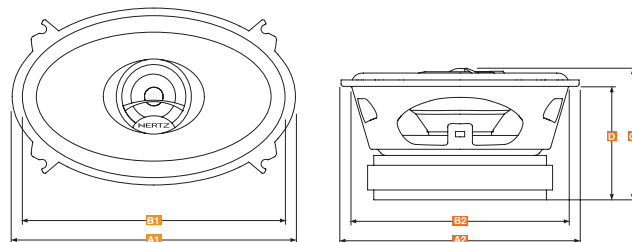
### Technical Specifications

| Component                | -            | Two way coaxial                |
|--------------------------|--------------|--------------------------------|
| Woofer size              | mm (in.)     | (4.0 x 6.0)                    |
| Tweeter size             | mm (in.)     | 15 (0.6)                       |
| Power handling           | W peak       | 80                             |
|                          | W continuous | 40                             |
| Impedance                | $\Omega$     | 4                              |
| Frequency response       | Hz           | 65 ÷ 21k                       |
| Sensitivity              | dB SPL       | 93                             |
| Magnet size D-d-h        | mm (in.)     | 80 x 32 x 10 (3.1 x 1.3 x 0.4) |
| Voice coil $\varnothing$ | mm (in.)     | 25 (1.0)                       |
| Woofer magnet            | -            | High density flux ferrite      |
| Tweeter magnet           | -            | Neodymium                      |
| Woofer cone              | -            | Water-repellent pressed paper  |
| Tweeter dome             | -            | PEI                            |
| Weight of one component  | kg (lb.)     | 0,58 (1.28)                    |

1. Large motor assembly for mobile voice coil control.
2. Pure copper voice coil, wound on conex former, for maximum lightness.
3. Water-repellent treated paper cone.
4. TPU surround, for wide excursion and resonance damping.
5. Neodymium tweeter with PEI dome, for compactness and energy at high frequencies.
6. DIN size basket protected by abrasion-proof dust paint.
7. Tin-plated, high current terminals.
8. Silver-plated lead wires for maximum reliability and conductivity.
9. Epoxy glue for basket and motor system provides perfect coupling.
10. Low carbon content plates for maximum magnetic permeability and high heat dissipation.

### Electro-Acoustic Parameters

|      |             |      |
|------|-------------|------|
| D    | mm          | 103  |
| Xmax | mm          | 2    |
| Re   | $\Omega$    | 3,3  |
| Fs   | Hz          | 90   |
| Le   | mH @ 1 kHz  | -    |
| Le   | mH @ 10 kHz | -    |
| Vas  | l           | 6,2  |
| Mms  | g           | 6    |
| Cms  | mm/N        | 0,41 |
| BL   | T·m         | 3,8  |
| Qts  | -           | 0,79 |
| Qes  | -           | 0,92 |
| Qms  | -           | 5,20 |
| Spl  | dB          | 93   |



|    |                  |
|----|------------------|
| A1 | 155 mm (6.1 in.) |
| A2 | 97 mm (3.8 in.)  |
| B1 | 146 mm (5.7 in.) |
| B2 | 89 mm (3.5 in.)  |
| C  | 53 mm (2.1 in.)  |
| D  | 45 mm (1.8 in.)  |