



CAR AUDIO FOR FANATICS

# R2SD2-10

**Power Handling**

**200 Watts RMS / 400 Watts Max.**

**Dual Voice Coil  
Subwoofer 25 cm**

## Technical Specifications

|                           |             |                     |
|---------------------------|-------------|---------------------|
| Impedance                 | Zn          | 2 x 2 Ohms          |
| Voice Coil Diameter       | Ø           | 50 mm               |
| Voice Coil Winding Height |             | 22,5 mm             |
| Max. Linear Excursion     | Xmax        | +/- 4 mm            |
| Max. Mechanical Excursion | Xmax (Peak) | +/- 20 mm           |
| Cone Area                 | Sd          | 333 cm <sup>2</sup> |
| Moving Mass               | Mms         | 134,2 g             |
| DC Resistance             | Re          | 2 x 1,9 Ohms        |
| Resonance Frequency       | Fs          | 38,1 Hz             |
| Mechanical Q-Factor       | Qms         | 8                   |
| Electrical Q-Factor       | Qes         | 0,74                |
| Total Q-Factor            | Qts         | 0,68                |
| Equivalent Air Volume     | VAS         | 20,4 L              |
| VC Inductance             | Le          | 4,2 mH              |
| Flux Density              | B/L         | 12,8 N/A            |
| Efficiency 1W/1m          | SPL         | 83 dB               |

## Recommended Enclosure

|                     |        |
|---------------------|--------|
| Sealed Box          |        |
| Sealed Volume:      | 19,8 L |
| -3 dB Rolloff (F3): | 45 Hz  |

## Recommended Enclosure

|                     |                    |
|---------------------|--------------------|
| Ported Box          |                    |
| Vented Volume:      | 39,6 L             |
| Port Diameter:      | 100 mm             |
| Port Area:          | 80 cm <sup>2</sup> |
| Port Length:        | 35 cm              |
| Tuning Freq. (Fb):  | 42 Hz              |
| -3 dB Rolloff (F3): | 33 Hz              |

## Mechanical Components

- Steel Basket
- Polypropylene Cone
- Foam Surround
- Polypropylene Dustcap
- Single Spider
- Aluminium Voice Coil Former

## Dimensions & Weight

|                    |        |
|--------------------|--------|
| External Diameter: | 276 mm |
| Mounting Diameter: | 232 mm |
| Mounting Depth:    | 87 mm  |
| Shipping Weight:   | 4,9 kg |

