

## Specification

|                           |                |
|---------------------------|----------------|
| Nominal Basket Diameter   | 10 in., 254mm  |
| Nominal Impedance*        | 4 ohms         |
| Power Rating**            |                |
| Watts                     | 200 W          |
| Peak                      | 800 W          |
| Resonance                 | 41 Hz          |
| Usable Frequency Range*** | 45 Hz-0.5 kHz  |
| Sensitivity               | 90.3           |
| Magnet Weight             | 34 oz          |
| Gap Height                | 0.32 in., 8 mm |
| Voice Coil Diameter       | 2 in., 50.8 mm |

## Thiele & Small Parameters

|   |                           |
|---|---------------------------|
| Resonant Frequency (fs)                   | 41 Hz                     |
| DC Resistance (Re)                        | 3.47                      |
| Coil Inductance (Le)                      | 0.62 mH                   |
| Mechanical Q (Qms)                        | 9.58                      |
| Electromagnetic Q (Qes)                   | 0.62                      |
| Total Q (Qts)                             | 0.59                      |
| Compliance Equivalent Volume (Vas)        | 61.37 liters/ 2.17 cu.ft. |
| Peak Diaphragm Displacement Volume (Vd)   | 177.7 cc                  |
| Mechanical Compliance of Suspension (Cms) | 0.35 mm/N                 |
| BL Product (BL)                           | 7.87 T-M                  |
| Diaphragm Mass inc. Airlod (Mms)          | 43.28 grams               |
| Efficiency Bandwidth Product (EBP)        | 65.61                     |
| Maximum Linear Excursion (Xmax)           | 5 mm                      |
| Surface Area of Cone (Sd)                 | 355.4 cm <sup>2</sup>     |
| Maximum Mechanical Limit (Xlim)           | 13 mm                     |

## Mounting Information

|                              |                                    |
|------------------------------|------------------------------------|
| Recommended Enclosure Volume |                                    |
| Sealed                       | 15.57-42.48 liters/0.55-1.5 cu.ft. |
| Vented                       | 31.15-62.3 liters/1.1-2.2 cu.ft.   |
| Driver Volume Displaced      | 1.17 liters/71.3 cu.in.            |
| Overall Diameter             | 256.79 mm/10.11 in.                |
| Baffle Hole Diameter         | 231.9 mm/9.13 in.                  |
| Front Sealing Gasket         | Fitted as standard                 |
| Rear Sealing Gasket          | N/A                                |
| Mounting Holes Diameter      | 5.72 mm/5.72 in.                   |
| Mounting Holes B.C.D.        | 246.13 mm/9.69 in.                 |
| Depth                        | 114.3 mm/4.5 in.                   |
| Net Weight                   | 3.18kg/7 lbs.                      |
| Shipping Weight              |                                    |

## Materials of Construction

Copper voice coil  
Polyimide former  
Ferrite magnet  
Vented and extended core  
Pressed steel basket  
Treated Paper Cone  
Foam Edge  
Treated paper dust cap

## EMINATOR® 2010 Eminator® Car Audio Series

High-Power Subwoofer, 4 ohm Voice Coil



\* Please inquire about alternative impedances.

\*\* Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, non-temperature controlled environment.

\*\*\* The average output across the usable frequency range when applying 1W/1M into the nominal impedance. ie: 2.83V/8ohms, 4V/16ohms.

Eminence response curves are measured under the following conditions: All speakers are tested at 1w/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2ft. X 2ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)