

Specification

| | |
|---------------------------|----------------|
| Nominal Basket Diameter | 12", 304.8mm |
| Nominal Impedance* | 16 ohms |
| Power Rating** | |
| Watts | 50W |
| Music Program | 100W |
| Resonance | 101Hz |
| Usable Frequency Range*** | 70Hz-5kHz |
| Sensitivity | 102 |
| Magnet Weight | 38 oz |
| Gap Height | 0.312", 7.92mm |
| Voice Coil Diameter | 1.75", 44.5mm |

Thiele & Small Parameters

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|---|----------------------|
| Resonant Frequency (fs) | 101Hz |
| DC Resistance (Re) | 13.1 |
| Coil Inductance (Le) | 0.75mH |
| Mechanical Q (Qms) | 9.95 |
| Electromagnetic Q (Qes) | 0.82 |
| Total Q (Qts) | 0.75 |
| Compliance Equivalent Volume (Vas) | 36.4 ltr/1.3 cu. ft. |
| Peak Diaphragm Displacement Volume (Vd) | 43cc |
| Mechanical Compliance of Suspension (Cms) | 0.09mm/N |
| BL Product (BL) | 16.7 T-m |
| Diaphragm Mass inc. Airlod (Mms) | 27 grams |
| Efficiency Bandwidth Product (EBP) | 124 |
| Maximum Linear Excursion (Xmax) | 0.8mm |
| Surface Area of Cone (Sd) | 532.4cm ² |
| Maximum Mechanical Limit (Xlim) | |

Mounting Information

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|------------------------------|--------------------|
| Recommended Enclosure Volume | |
| Sealed | Acceptable |
| Vented | Acceptable |
| Overall Diameter | 12.02", 305.3mm |
| Baffle Hole Diameter | 10.97", 278.6mm |
| Front Sealing Gasket | Fitted As Standard |
| Rear Sealing Gasket | Fitted As Standard |
| Mounting Holes Diameter | 0.25", 6.4mm |
| Mounting Holes B.C.D. | 11.63", 295.4mm |
| Depth | 5.1", 130mm |
| Net Weight | 8.2 lbs, 3.7 kg |
| Shipping Weight | 9.8 lbs, 4.5 kg |

Materials of Construction

| | |
|-----------------------|---------------|
| Coil Construction | Copper |
| Coil | Paper |
| Magnet Composition | Ferrite |
| Core Details | Non-vented |
| Basket Materials | Pressed steel |
| Cone Composition | Hemp™ |
| Cone Edge Composition | Paper |
| Dust Cap Composition | Zurette |



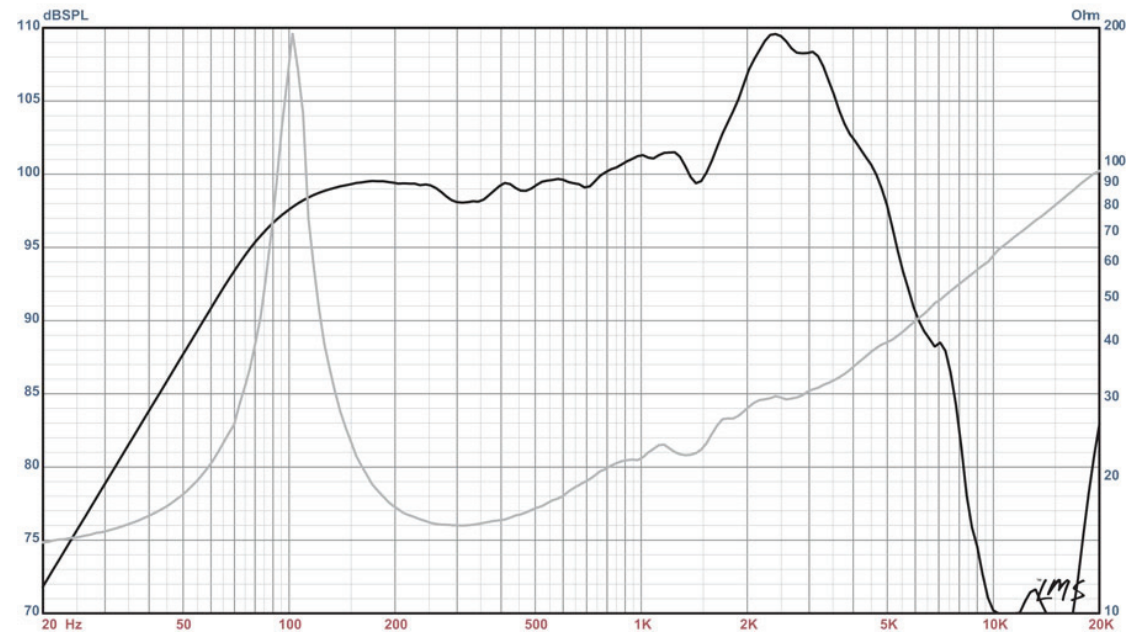
CANNABIS REX™ 16



A clean and full 12" American guitar speaker with a hemp cone and monster tone.

Coloration: Clean and full, with lots of body and sparkle. Smokey smooth with high-end definition.

Genre: Country, Jazz, Classical.



* Please inquire about alternative impedances.

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

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

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 | 2 ft. X 2 ft. 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)