

Specification

Nominal Basket Diameter	5", 127mm
Nominal Impedance	8-Ohms
Max Power Rating	100 Watts
Resonance	503Hz \pm 15%
Usable Frequency Range	300Hz - 14kHz
Sensitivity	96 dB
Magnet Weight	30 oz.
Voice Coil Diameter	1-3/16", 30mm

Thiele & Small Parameters

Resonant Frequency (Fo)	503Hz
DC resistance (Re)	6.5 Ohms
Coil Inductance (Le)	1.257 mH
Mechanical Q (Qms)	11.286
Electromagnetic Q (Qes)	1.635
Total Q (Qts)	1.428
Compliance Equivalent Vol (Vas)	0.165 liters / 0.006 cu. ft.
Mechanical Compliance of Suspension (Cms)	0.018 mm/N
BL Product (BL)	8.434 T-m
Diaphragm Mass (Mmd)	5.236 grams
Maximum Linear Excursion (Xmax)	2 mm
Surface Area of Cone (Sd)	0.0082 sqM

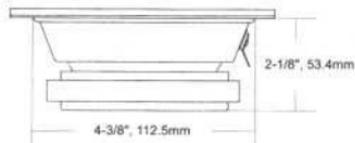
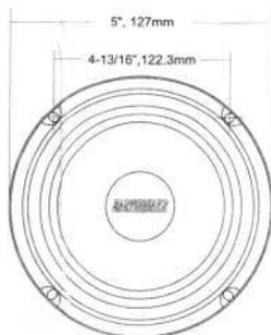
Mounting Information

Recommended Enclosure Volume	
Sealed	2.8-5.6 liters/0.1-0.2 cu.ft.
Vented	3.4-15.6 liters/0.12-0.55 cu.ft.
Overall Diameter	5", 127mm
Cut Out Diameter	4-3/8", 112.5mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	4-13/16", 122.3mm
Mounting Depth	2-1/8", 53.4mm

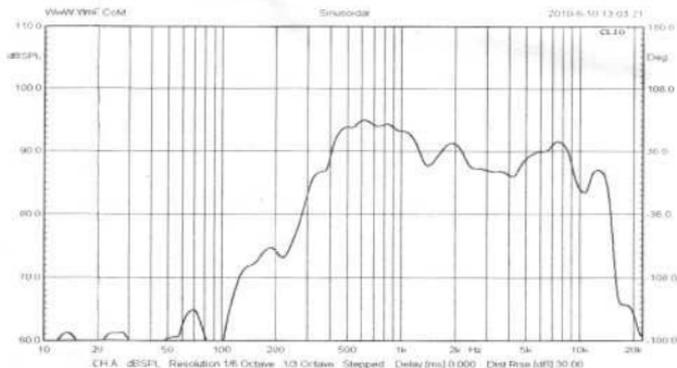
Materials of Construction

Copper voice coil
Polyimide former
Ferrite magnet
Extended core
Stamped steel sealed back basket
Pulp fiber cone
Cloth surround
Solid composition paper dust cap

EARTHQUAKE
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Sound That Will Move You.



Earthquake EQ5S8 Pro Audio Series



Earthquake Sound Corporation
2727 McCone Avenue • Hayward, CA 94545 • phone: 800-576-7944
fax: 510-732-1095 • www.earthquakesound.com

EQ Series Cloth Surround Speakers day limited warranty:

Earthquake warrants the original purchaser that all Factory Sealed New Audio Products be free from defects in material and workmanship, under normal and proper use, for a period of ninety (90) days from the date of purchase (as shown on the original bill of sale with serial number affixed/written on it). The ninety (90) day warranty period is valid only if an authorized Earthquake dealer properly installs the product, and the warranty registration card is properly filled out and sent to Earthquake Sound Corporation. If a non-authorized party installs the product no warranty will be applied.

(A) day limited warranty guidelines:

- **Ninety (90) days:** Earthquake pays for labor, parts, and ground freight (US mainland only) back to customer.

(B) Warning:

Products (sent for repair) that are tested by Earthquake technicians and deemed to have no problem(s) will not be covered by the day limited warranty. **Customer will be charged a minimum of one (1) hour of labor (ongoing rates) plus shipping charges back to customer.**

(C) Earthquake agrees to repair or replace - at our option - all such defective products/parts subject to the following provisions:

- Defective products/parts have not been altered or repaired by other than an Earthquake factory approved technician.
- Products/parts are not subjected to negligence, misuse, improper use, or accident, damaged by improper line voltage, used with incompatible products, or have its serial number or any part of it altered, defaced or removed, or have been used in any way that is contrary to Earthquake's written instructions.

(D) Warranty Limitations:

Earthquake warranty does not cover products that have been modified or abused. Including but not limited to the following:

- Damages to speaker cabinet and cabinet finish due to misuse, abuse, or use of improper use of cleaning materials/methods.
- Bent speaker frame, broken speaker connectors, holes in speaker cone, surround & dust cap, burnt speaker voice coil.
- Fading, deterioration of speaker components & finish due to improper exposure to elements.
- Bent amplifier casing, damaged finish on the casing due to abuse, misuse, or improper use of cleaning material.
- Burnt tracers on PCB.
- Product/part damaged due to poor packaging or abusive shipping conditions.
- Subsequent damage to other products.

A warranty claim will not be valid if the warranty registration card is not properly filled & returned to Earthquake with a copy of the sales invoice.

(E) Service Request:

To receive product/s service, contact Earthquake service department at (510) 732-1000 and request an RMA number (Return Material Authorization), items shipped without a valid RMA number will be refused. Make sure you provide us with your complete/correct shipping address, a valid phone number, and a brief description of the problem you are experiencing with the product. In most cases, our technicians might be able to resolve the problem over the phone, thus eliminating the need to ship the product.

(F) Shipping Instructions:

Product/s must be packaged in its original protective box(s) to minimize transport damage and avoid re-packing charges. Shipper claims regarding items damaged in transit must be presented to carrier. Earthquake Sound Corporation reserves the right to refuse product improperly packed. Original bill of sale must accompany product returned for service. We encourage you to include with the package a written description of the problem. Ship product to: Earthquake Sound Corp. 2727 Mc Cone Avenue, Hayward, CA 94545. Ph (510) 732-1000. You are responsible for the cost of shipping the product to Earthquake Sound Corporation.

(G) Disputes Resolution:

All disputes - between clients and Earthquake Sound Corporation - resulting from the ninety (90) day limited warranty policy must be resolved according to the laws & regulations of the county of Alameda - California.

NOTE:

It is advised that you make a copy of your warranty guidelines and card for future reference.