

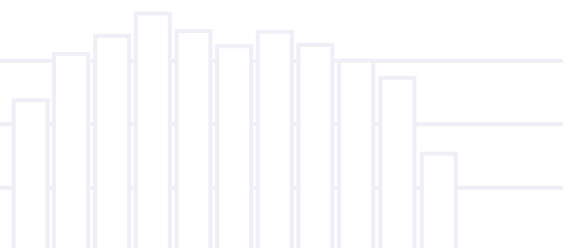
The Radian 2210 10" low frequency transducer produces extremely high levels of bass energy. This woofer is designed as an extended low frequency device, used as a subwoofer or general purpose LF transducer. This speaker has a special long throw designed cone, frame and spider assembly that will out perform anything in it's class.

Integral to this design is a composite ribbed cone, reinforced with Kevlar®. The voice coil is edge wound aluminum for better transient response, however our advanced adhesives give it the power handling capacity of more conventional copper voice coils. With 375 watts AES power handling and a high-energy magnetic structure with a venturi cross section to increase ventilation efficiency, the output sensitivity is 96 dB (one watt, one meter) with a continuous sound pressure level of 123 dB.

Applications for the 2210 include demanding sound reinforcement main and monitor systems, and high ceiling convention center or ballroom installations where Low frequency high SPL transducers are required.



- ✓ Low Distortion
- ✓ 3" Voice Coil
- ✓ Long Throw Cone
- ✓ Ultra High Power
- ✓ 375 Watts AES /
750 Watts Program
- ✓ Cast Aluminum Frame
- ✓ High Sensitivity



10" EXTENDED LOW FREQUENCY LOUDSPEAKER

SPECIFICATIONS

FREQUENCY RESPONSE 48 Hz – 4kHz
 MAXIMUM POWER HANDLING * 375 watts AES/750 watts program
 SENSITIVITY ** 96 dB
 RECOMMENDED CROSSOVER *** 120Hz to 1800Hz
 NOMINAL IMPEDANCE 8 ohms
 VOICE COIL DIAMETER 3.0" (76.2mm)
 WOOFER CONE MATERIAL Reinforced Paper

BASKET MATERIAL Cast Aluminum
 OVERALL DIAMETER 10.50" (266.70mm)
 MOUNTING BOLT CIRCLE 9.75" (247.65mm)
 CUT-OUT DIAMETER 9.1875" (233.36mm)
 OVERALL DEPTH 4.686" (119.02mm)

INPUT CONNECTORS :

LF Pushbutton Terminals
 WEIGHT 12 lbs. (5.443 kg)

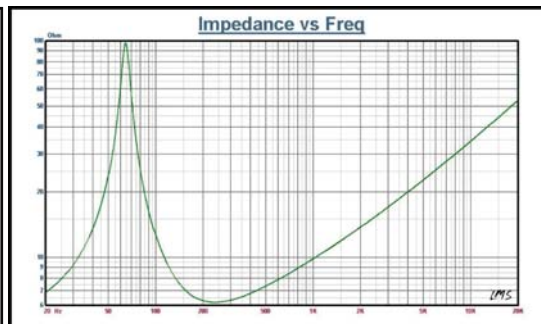
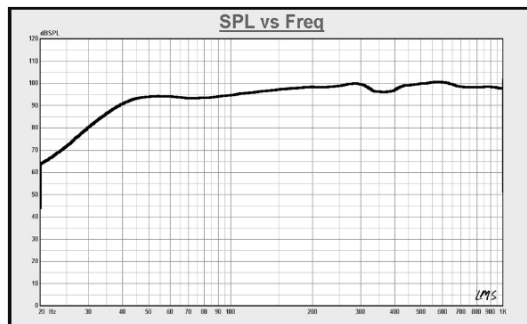
THIELE/SMALL PARAMETERS :

QTS 0.426
 QMS 8.403
 QES 0.448
 VAS 23.112m cuM
 FS (Hz) 64 Hz
 XMAX (IN) +/- 0.183" +/- (4.65mm)
 RE (Ω) 4.99
 SD (mm²) 34.071m sqM

*EIA Standard RS-426A

**One watt at one meter

***24 dB/octave



Specifications subject to change without notice.

LIMITED WARRANTY

Radian Audio Engineering, Inc. products, when sold domestically, are guaranteed for a period of five (5) years from the date of original purchase against malfunctions due to defects in workmanship. If such a malfunction occurs, the product will be repaired or replaced at our option, without charge, if delivered prepaid to the factory. Product will be returned prepaid via ground transport. This warranty does not extend to damage resulting from improper installation, misuse, neglect or abuse. The warranty does not apply to external finish or appearance. The warranty does not apply to burnt voice coils. In no event shall Radian Audio Engineering, Inc. be liable for incidental or consequential damages including, without limitation, injury to persons or property or loss of use.

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