SUPERIOR LISTENING SYSTEMS
AUDIO CLARITY REDEFINED

Product Technical Data Sheet

Model CT8R

Description

The CT8R is a full-range 8" two-way world class studio monitor. The CT8R is identical to the popular S8R with the exception of a front mounted slotted port verses the rear mounted port on the S8R.

This speaker features the high performance PRD500 planar ribbon high-frequency transducer designed and manufactured by SLS Loudspeakers. The unique design and properties of the planar ribbon driver allows for very clear delivery and transient accuracy even at the limits of its performance.

The PRD500 is contained within a 120-degree die cast aluminum waveguide that can be rotated 90-degrees within the cabinet. Rotation of the waveguide provides flexibility for placement of the monitor on studio consoles. The waveguide also eliminates edge diffraction from the sides of the cabinet.

The low frequency section uses a single high-powered 8" driver designed with an integral phase plug and aluminum voice coil former for higher power handling.

The audiophile crossover utilizes high quality heavy gauge air core inductors and polypropylene capacitors.

Use of the CT8R is recommended when the speaker must be placed next to a rear obstruction that interferes with the operation of a rear port.

Key Features:

- PRD500 ribbon high-frequency driver delivers unsurpassed sound quality
- Open and clear sound at high SPL due to advanced transducer technology
- Rear Mounted Attachment Points for 3rd Party Hardware
- Bi-Wire Capability
- Extensively braced MDF cabinet construction

Product Specifications	
Operating Range [1]	37Hz - 40,000Hz
Sensitivity (1W/1M) [2]	89dB
Horizontal Coverage Angle -6dB [3]	120 Degrees
Vertical Coverage Angle -6dB [3]	30 Degrees
Power Handling [4]	125W RMS (31 Volts) AES/2
Max SPL (calculated) 1 Meter	110dBCont. / 116dB Peak
Recommended Amp Power for Max Output	250 Watts @ 8 ohms
Nominal Impedance	8 Ohms
Crossover Frequency	Internal Passive 1500Hz
Transducers - Low Freq.	8" Woofer
High Freq.	PRD500 Ribbon
Input	Binding Posts (Bi-Wire Capable)
Dimensions	19" (48.3cm) H 10.5" (26.7cm) W 11.25" (28.6cm) D
Enclosure	MDF
Weight	25lbs (11.3kg) Shipping 33lbs (15kg)
Rigging	4 Points 1/4"/20 Threaded Inserts
Finish Options	Black Latex

Applications

Developed for studio monitoring where the highest quality and neutrality of sound is required

- Console placement high SPL monitoring
- Installation systems for foreground, delay fill or background music when the speaker is placed very close to a back boundary
- Home Theater bookshelf setups

1. LF at -10dB, HF -6dB 55Hz - 3kHz +/- 1.5dB.
2. Full bandwidth pink noise is applied and amplified to a level and measured at the loudspeaker terminals - corresponding to 1 Watt as referenced to the loudspeakers nominal impedance. SPL is measured in an anechoic environment in the loudspeakers far field. Data is extrapolated to 1 Meters distance from the loudspeaker.
3. Averaged from 1000Hz to 10kHz
4. AES established with ambient temperature at 22C in accordance with AES/2-1984 standard. IEC stated in RMS voltage according to IEC 268-5

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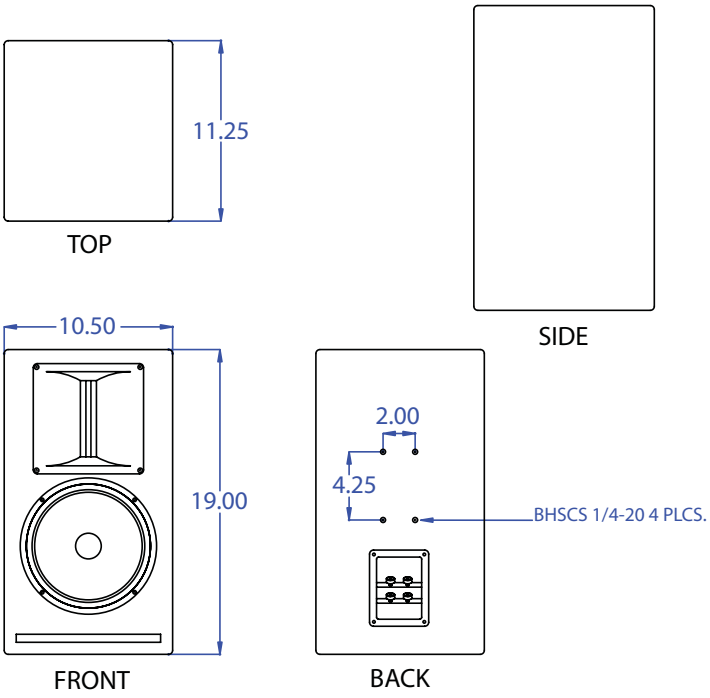
CT8R Drawings



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