



Product Technical Data Sheet

Model 1290T-I

Description

The 1290T-I is a full-range high quality 12" two-way design with integrated fly points.

The 1290T-I high frequency section features a high performance PRD500 planar ribbon transducer designed and manufactured by SLS Loudspeakers. The unique design and properties of the planar ribbon driver allows for a very clear delivery and transient accuracy even at the limits of its performance. The PRD500 is contained within a 90 degree die cast aluminum waveguide that is rotatable within the cabinet.

The low frequency section uses a single high-powered 12" driver designed with an aluminum basket, neodymium magnet structure and high-temperature edge-wound voice coil.

Crossovers maintain the high quality using heavy gauge air core inductors and polypropylene capacitors.

Key Features:

- PRD500 ribbon high frequency driver delivers unsurpassed sound quality
- Open and clear sound at high SPL due to advanced transducer technology
- Integrated rigging points
- 90 degree wide horizontal coverage with rotatable ribbon
- ¾" 13 ply Baltic Birch cabinet



| Product Specifications | |
|---|--|
| Operating Range ¹ | 52Hz - 20,000Hz |
| Sensitivity (1W/1M) ² | 96dB |
| Horizontal Coverage Angle -6dB ³ | 90 Degrees |
| Vertical Coverage Angle -6dB ³ | 30 Degrees |
| Power Handling ⁴ | 250W (45 Volts) AES/2 |
| Recommended Amp Power for Max Output | 500 Watts @ 8 ohms |
| Max SPL (calculated) 1 Meter | 120dB Cont. / 126dB Peak |
| Nominal Impedance | 8 Ohms |
| Crossover Frequency | Internal Passive 1500Hz |
| Transducers - Low Freq. | 12" Woofer |
| High Freq. | PRD500 Ribbon |
| Input | Barrier Strip |
| Dimensions | 28" (71cm) H 17.25" (44cm) W 14.5 (37cm) D |
| Enclosure | 13ply Baltic Birch |
| Weight | 46lbs (20.9kg) Shipping 63lbs (28.6kg) |
| Rigging | 12 Points 3/8" / 16 Threaded Inserts |
| Finish Options | Black Latex White Latex Paintable Natural Finish |

Applications

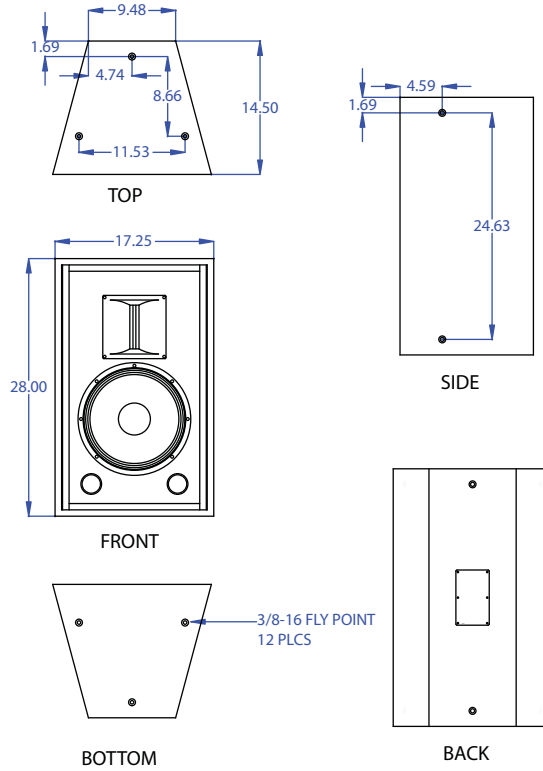
Developed for a wide range of professional applications where the highest quality and intelligibility of sound is required

- Sound reinforcement in churches and auditoriums
- Installation systems

1. LF at -10dB, HF -6dB at 40kHz on-axis however response above 20kHz is limited by air absorption and DSP sampling rates in typical PA applications.
 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

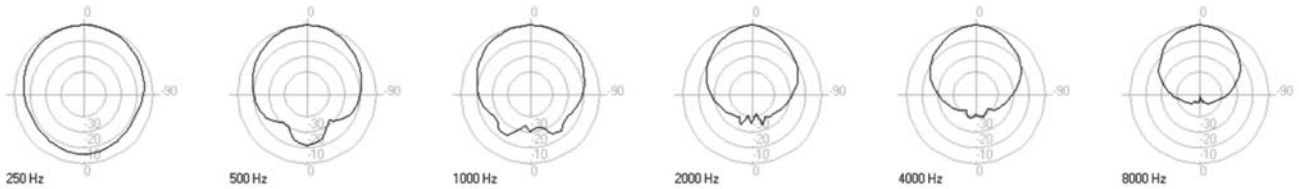


1290T-I Drawings



Polars

Horizontal Axis 



Vertical Axis 

