

SR-25im / SR-25im-P

KEY FEATURES

- Quality European Professional-Grade Drivers
- True Compression HF Driver with Neodymium Motor System
- Dual High-power 5-inch woofers
- Shallow Profile Enclosure Fits a 2" x 4" Stud Bay
- Suitable for Screen Channel or Surround Channel Applications
- DSP Optimized Performance
- Optional Low-Profile Perforated Metal Grille Available
- Requires PRO Loudspeaker Controller
- Available in bi-amp or passive versions
- **PRO PIVOT AIMING BRACKET COMPATIBLE**



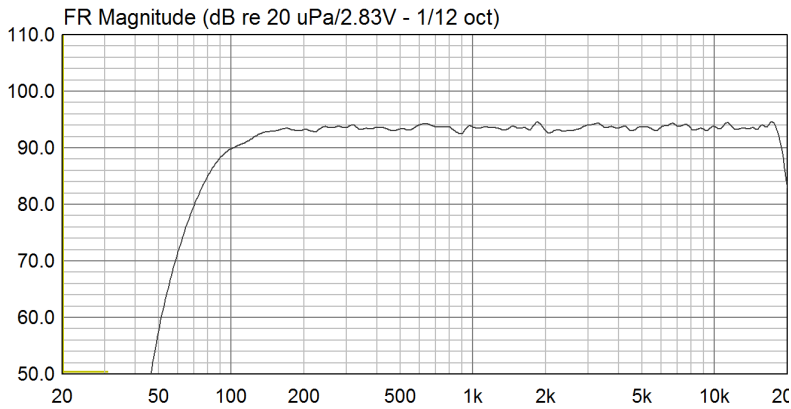
DESCRIPTION

The SR-25im and SR-25im-P (passive crossover version) is PRO's most affordable loudspeaker to date. But don't let its affordability fool you – the 25im models throw a highly resolved, tonally pure and remarkably refined sound with dynamic scale that will astonish. Like all PRO loudspeakers, the components used are professional-grade, high-power units sourced from Europe. A ¾" polymer compression driver is mated to a proprietary PRO waveguide to produce 109dB SPL from a single watt of power. High frequencies are rendered with liquidity, resolution and seemingly endless dynamic range. Two professional 5" woofers, employed in electrical parallel, provide 96dB/W sensitivity – remarkable for 5" drivers – and integrate flawlessly with the HF unit. The resulting sound is refined, dynamically robust and remarkably detailed.

The SR-25im models may be mounted within a 2"x4" wall with optional low-profile perforated metal grille, or can be mounted to the wall surface itself in applications where architectural details, or the perforated video screen will conceal the unit from view. The SR-25im and SR-25im-P are suitable for use in LCR and Surround applications, or as high-output in-ceiling ATMOS channels. The SR-25im models must be bass-managed to local or remote subwoofers at 80-100Hz and carry PRO's industry-leading 10 year warranty.

APPLICATION:	Built in, in-wall, high-output two-way bi or single amp loudspeaker
LF SECTION:	Dual 5" long-throw woofers
HF SECTION:	Professional 0.75" compression driver on 90° x 60° elliptical horn
CROSSOVER:	Included passive network or 8th-order via DSP in bi-amp mode
POWER HANDLING:	320W LF / 40W HF
SENSITIVITY:	96dB LF / 109dB HF
POWER REQUIREMENTS:	Requires PRO power amplifier with DSP
POWER RECOMMENDATION:	200W or 300W LF / 100W or 200W HF 100W, 200W, 300W Passive
FREQUENCY RANGE:	80Hz – 18kHz
MAXIMUM OUTPUT:	115dB
NOMINAL IMPEDANCE:	4-ohms LF / 8-ohms HF
DIMENSIONS:	16"H x 14"W x 3.4"D
WEIGHT:	15 lbs.

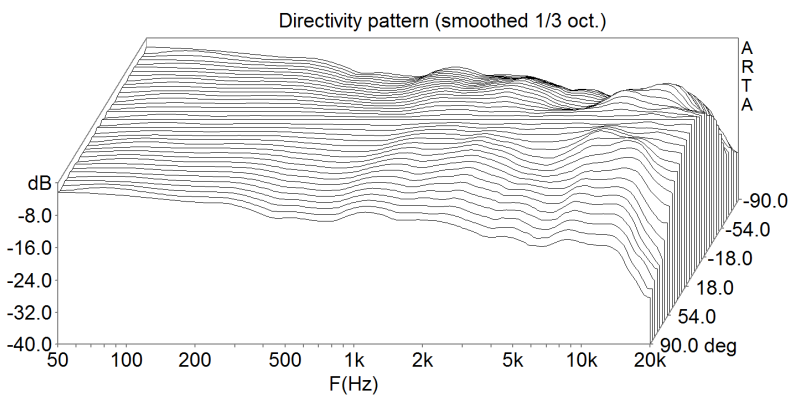
SR-25im/SR-25im-P Measurements



ON-AXIS FREQUENCY RESPONSE

The on-axis frequency response tells us the most about a loudspeaker's performance. An ideal response would be a horizontal straight line.

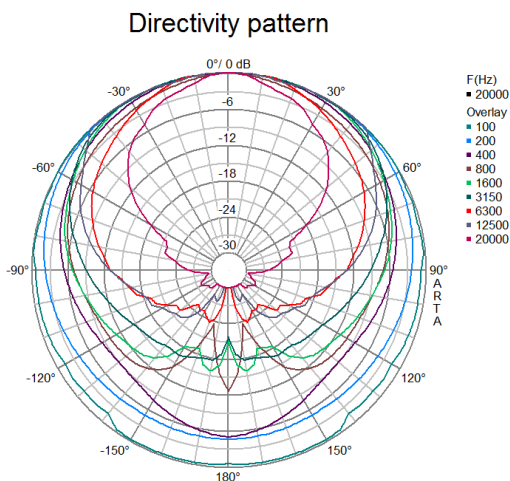
The SR-25im/SR-25im-P frequency response is remarkably flat and smooth, offering state of the art sonic performance. The response shown is unsmoothed.



0-90 DEGREE OFF-AXIS WATERFALL PLOT

The "Off-Axis Waterfall Plot" or "Lateral Response Family" depicts the response of the loudspeaker at progressively more off-axis angles normalized to the on axis response. This shows how the sound "changes" when you're not sitting directly on-axis and also give a good view of the coherence of the reflected energy in the room. An ideal response would be smooth gradual fall off of acoustic energy with rising frequency (left to right on the plot) and angle (front to back on the plot).

The SR-25im/SR-25im-P exhibits uniform, and very wide yet controlled dispersion all the way to 90 degrees off axis.



0-180 POLAR RESPONSE

The Polar Response plots the off-axis dispersion of the speaker at discrete frequencies on a 360-degree polar "map". Amplitude is shown concentric circles with 0dB (reference level) at the outer ring with decreasing amplitude toward the center of the circular plot. 0 degrees is the main speaker axis.

Beamwidth is defined as the angular dispersion that occurs 6dB below on-axis response. It can be seen from the plot that the Beamwidth of the SR-25im/SR-25im-P is more than 100 degrees at 12.5kHz. The sound is extended and "open" up to the very highest audio frequencies.