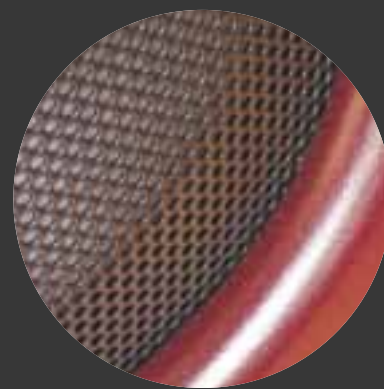




A225-1

professional studio monitor



Made in Switzerland

An exceptional piece of acoustic design.

Excellence through technology

The A225-1 sub-woofer/bass extension is equally suited to use as a mono sub-woofer in a surround sound applications or as a bass extension in a stereo system. Designed to work in harmony with the A225-1 Sub, all PSI Audio 'A' series speakers feature a frequency response roll-off function that, when combined with the A225-1 Sub, extends the frequency range down to an incredible 28 Hz, whilst maintaining a flat response. The powerful class G output feature PSI Audio's unique "AOI" output stage, giving the A225-1 an unprecedented impulse behaviour. Each driver and amplifier unit is secured by a protection circuit, which is monitored by a red LED on the front panel. The electronics are housed in a unit mechanically isolated from the speaker cabinet to avoid resonance at high sound pressure levels. To provide stability and avoid cabinet resonance A225-1 is built with a two-box design, combining two cabinets into a single beautifully finished unit.



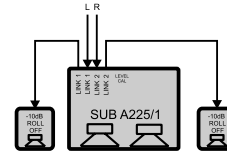
Key Features

- ▶ AOI system for superior impulse accuracy
- ▶ ALG system for ideal acoustic impedance adaptation
- ▶ Designed for stereo surround sound usage
- ▶ Double box cabinet design
- ▶ Class G low temperature amplifier stage
- ▶ Amplifier unit acoustically uncoupled from speaker cabinet
- ▶ Protection circuit for each driver and amplifier
- ▶ Outstanding SPL @1m 117 dB (peak half space)
- ▶ Bandwidth 28 – 120Hz
- ▶ Flat frequency response +/- 2 dB
- ▶ Magnetically compensated for use close to monitors

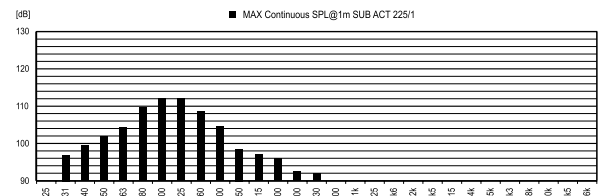
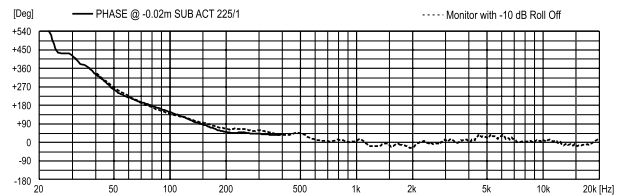
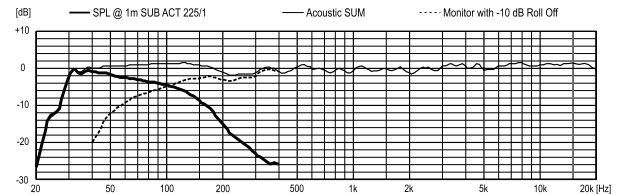
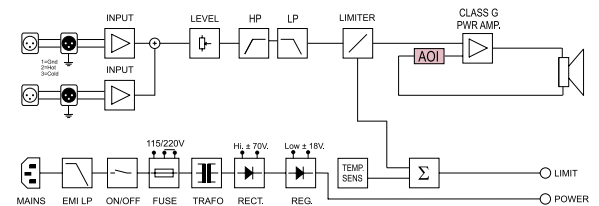
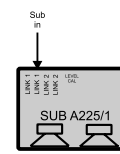
Technical Data

Power RMS	150W
Program power	200W
Input Impedance	Sym,10kOhms
Sensivity for 100 dB @1m	0.775V
Signal to Noise Ratio	-116 dBA
Input Overload	24 Vpp
Continuous Max SPL,1m	112 dB
Program Peak SPL,1m	117 dB (half space)
Response at - 6 dB	28 - 120Hz
Tolerances	±2.0 dB (30Hz - 80Hz)
Distortion THD	<1.6% (30Hz - 180Hz)
System	1 Way
Cross over frequency	90Hz
Woofer's dim.Ext./ Diaphragm	2x Ø250mm / Ø205mm
Connectors	2x XLR F / 2x XLRM
Signal input	1=GND, 2=(+), 3=(-)
Box Material	MDF double cabinet
Dimensions cabinet W x H x D mm	320 x 700 x 500
Net Weight	36Kg
Voltage	115/230V (50-60Hz)
Power Consumption	18-200VA
Mean/Max Humidity	<75%/<90%
External Temperature	5-40°C

Stereo System



5.1 System



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For further information on surround sound system proposals please visit the website or contact your local PSI Audio Representative.

www.psiaudio.com