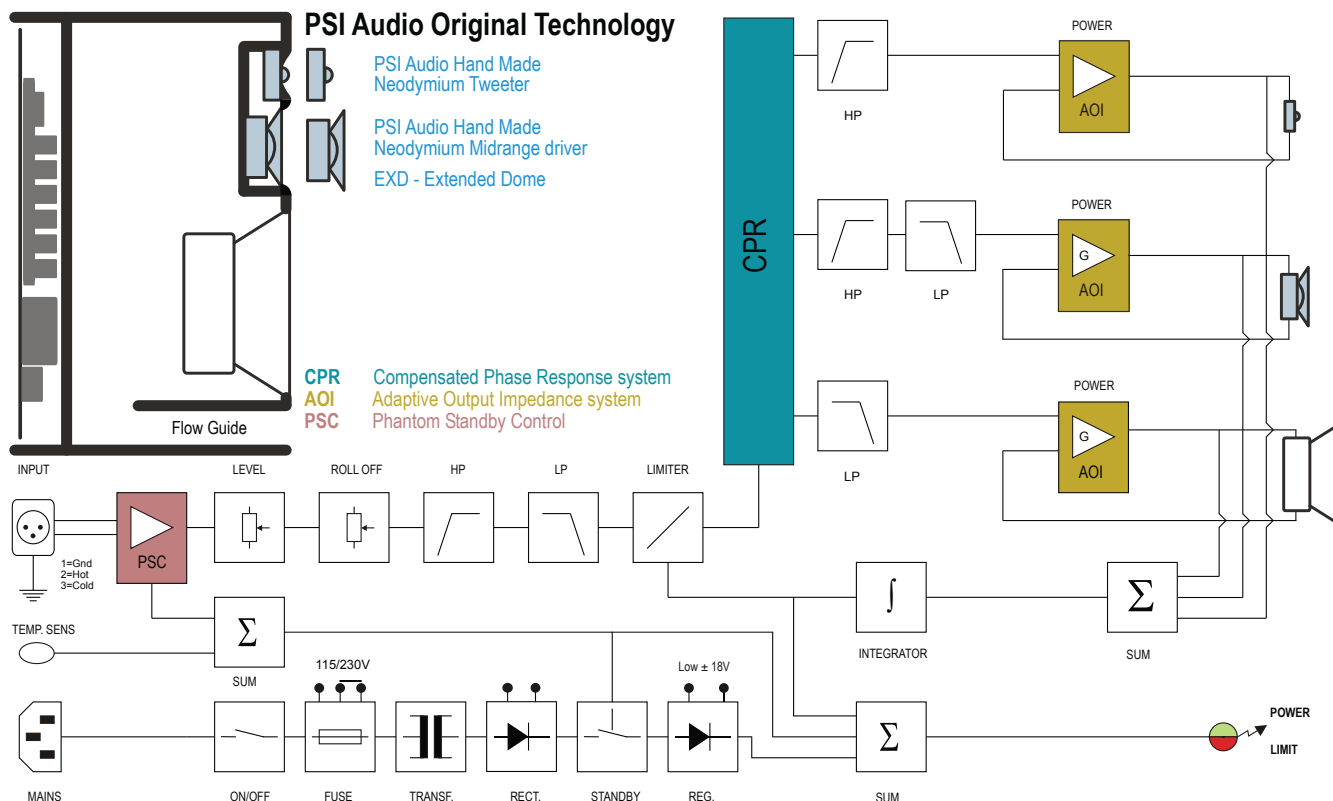




Technical data sheet

A25-M





Potential peak power	330+130+55	W
Max RMS power	95+30+12	W
Input impedance	Sym 10 k	Ω
Input sensitivity for 100dB @1m	0.775	Vrms
Input overload	24	Vpp
Continuous max SPL@1 m	111	dB
Short term max. SPL@1m	114	dB
Peak max. SPL@1m	124	dB
Background noise @1m	4	dBA
Signal to noise ratio (SN)	102	dBA
Mechanical noise (i.e. transformer @1m)	-5	dBA
Bandwidth at -6dB	28-23'000	Hz
SPL tolerances	±1.2	dB
Phase tolerances	± 45 (180 Hz – 20 kHz)	deg
Dispersion (H x V)	80 x 40	deg
Directivity Factor	SEE GRAPH	
Acoustic Power	SEE GRAPH	
Distortion THD	SEE GRAPH	
System	3	ways
Crossover frequency	400, 3'300	Hz
Box Material	MDF	
Woofer ext. diam.	290	mm
Woofer ext. diam.	11.42	in
W. diaphragm diam.	210	mm

W. diaphragm diam.	8.27	in
Medium ext. dim.	140	mm
Medium ext. dim.	5.51	in
M. diaphragm diam.	98	mm
M. diaphragm diam.	3.86	in
Tweeter ext. dim.	100	mm
Tweeter ext. dim.	3.94	in
T. diaphragm diam.	27	mm
T. diaphragm diam.	1.06	in
Dimensions W x H x D	320 x 590 x 375	mm
Dimensions W x H x D	12.6 x 23.3 x 15.0	in
Net Weight	27.2	kg
Net Weight	59.91	lbs
Input connector	1 x XLR F / 3P	
Input connections	1=GND, 2=(+), 3=(-)	
Mains voltage	115 / 230(50-60Hz)	V, ±10 %
Mains max DC offset	0.04	V
Standby consumption	1.7	W
Quiescent consumption	9	W
Max continuous Power	200	W
RMS continuous consumption	100	W
Max Relative humidity	70	%
External temperature range	5-35	°C
Warranty	5 (+1)	years

Measurement environment:

- Large anechoic room, temperature 23±2°C, humidity 50±20%
- Typical acoustical measurements, tolerances ±0.5 dB averaging 1/6 Octave



A25-M

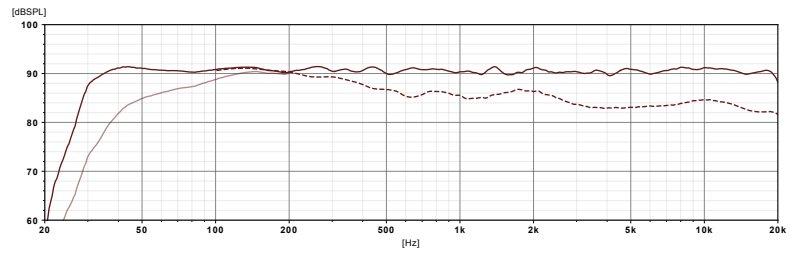
SWISS MADE BY RELEC SA, 1400 YVERDON-LES-BAINS

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www.psiaudio.swiss

Frequency Response

- SPL@ (-10dBu ; 1m)
- SPL with -10dB Roll Off
- Acoustic Power

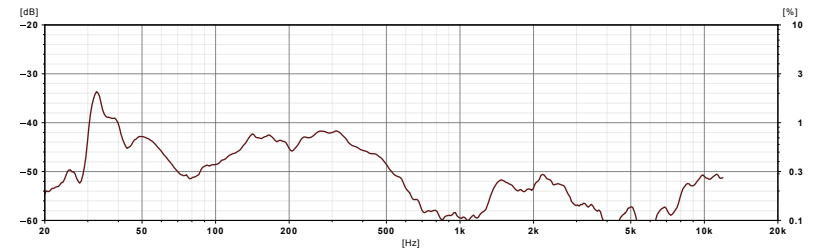
Resolution: 1/48 Octave
Smoothing: 1/6 Octave



Total Harmonic Distortion

- THD@ (-10dBu ; 1m)

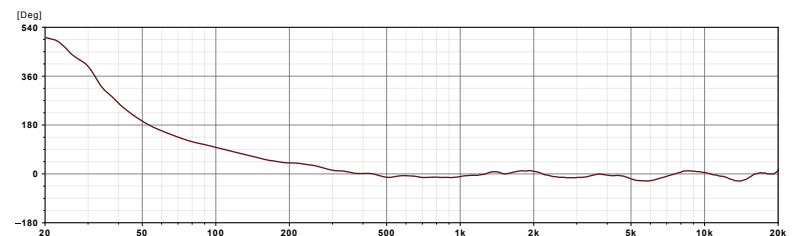
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Smoothing: 1/6 Octave



Acoustic Phase

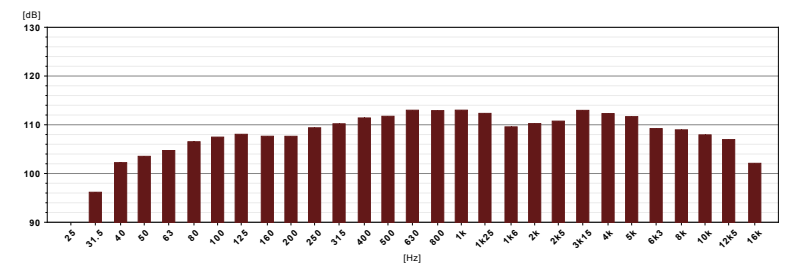
- Acoustic Phase

Delay: 0.382 [ms]
Resolution: 1/48 Octave
Smoothing: 1/6 Octave



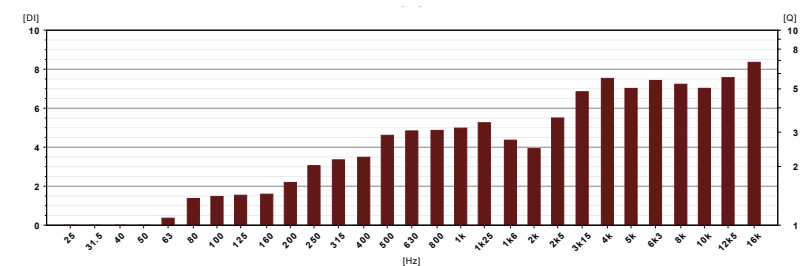
Max Continuous SPL

- Max Continuous SPL @ 1m



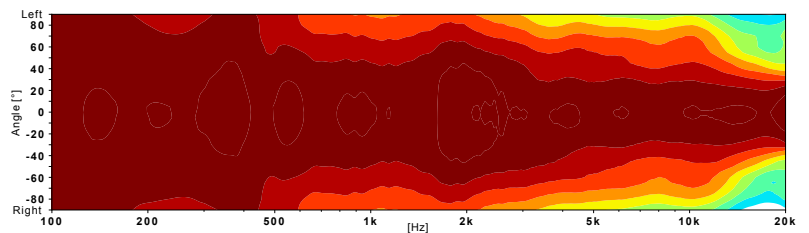
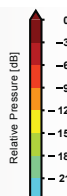
Directivity Index

- Directivity Index



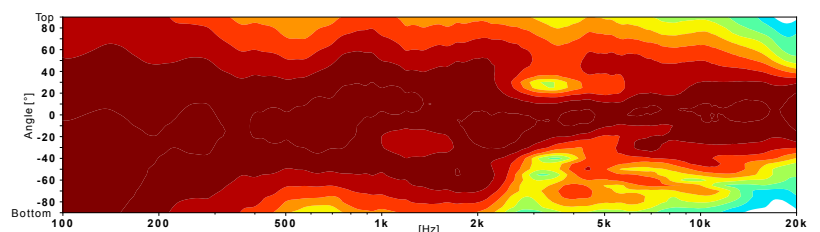
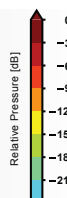
Horizontal Directivity

Frequency resolution: 1/36 Octave
Smoothing: 1/3 Octave



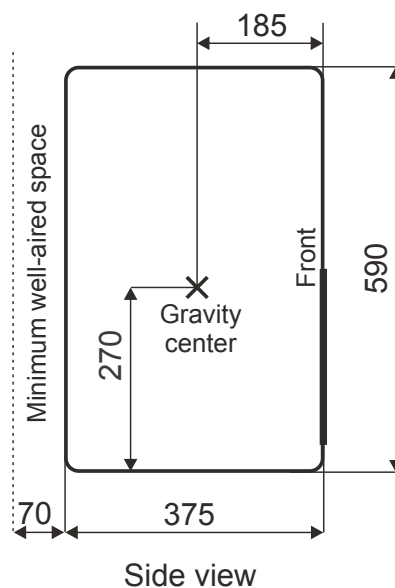
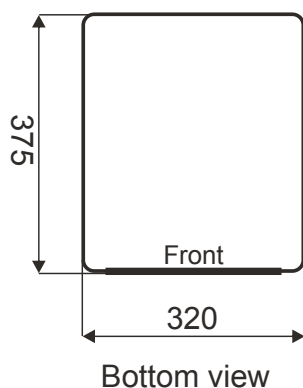
Vertical Directivity

Frequency resolution: 1/42 Octave
Smoothing: 1/3 Octave



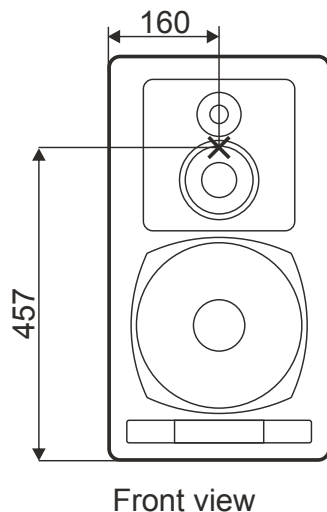
Mounting

All dimensions are in mm



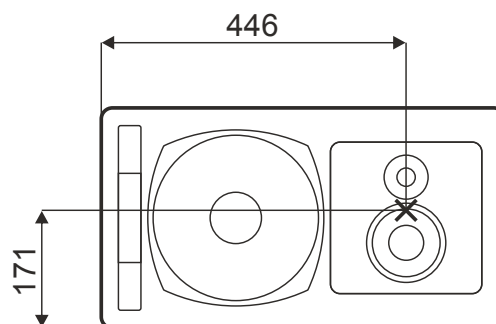
Refer to user manual for information about installation and safety instructions

Acoustical axis



Mid/High baffle orientation

As mentioned on the drawing below, you can change the orientation of the mid/high baffle. Before this change, the power cable must not be connected. Be sure that this operation does not cause any short-circuit to the connections of the baffle.



Recommended listening distance

