

Technical data sheet

A226-MAIN



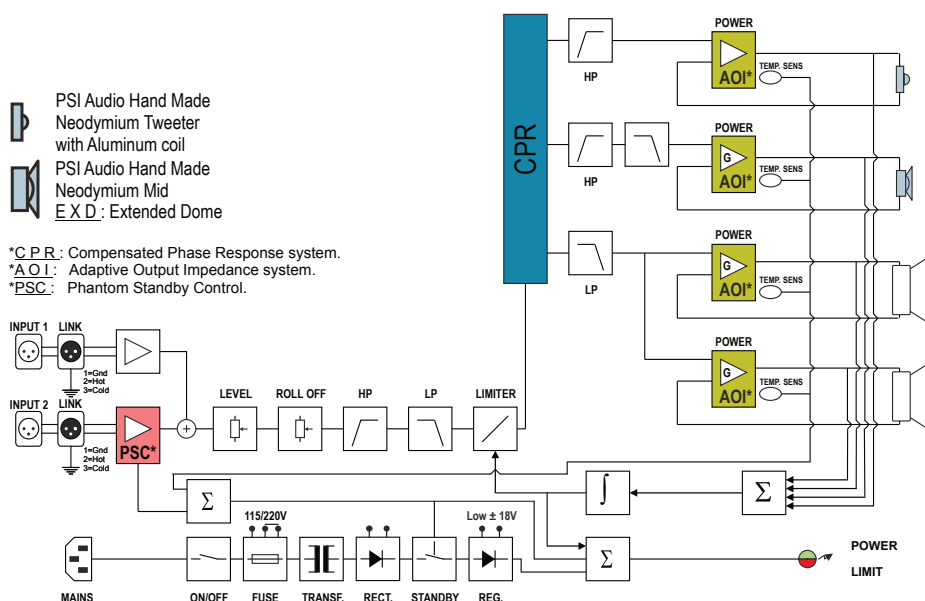
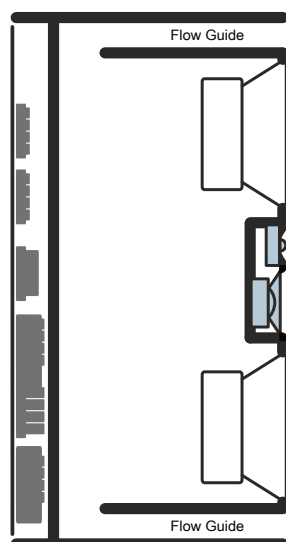
2026

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

System & specifications

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

A226-MAIN



Potential peak power	660+130+55 W	Woofer ext. diam.	11.4 in
RMS power	2x100+30+12 W	W. diaphragm diam.	210 mm
Input impedance	Sym 10 kΩ Ω	W. diaphragm diam.	8.3 in
Input sensitivity	0.775 Vrms	Tweeter ext. dim.	100 mm
Input overload	24 Vpp	Tweeter ext. dim.	3.9 in
Continuous max AES75 SPL@1 m	114 dB	T. diaphragm diam.	27 mm
Short term max. SPL@1m	117 dB	T. diaphragm diam.	1.1 in
Peak max. SPL@1m	125 dB	Dimensions W x H x D	399 x 960 x 496 mm
Background noise @1m	5 dBA	Dimensions W x H x D	15.7 x 37.8 x 19.5 in
Signal to noise ratio (S/N)	109 dBA	Net weight	60 kg
Mechanical noise (i.e. transformer)	-5 dBA	Net weight	132.3 lbs
Bandwidth at -6dB	20-23'000 Hz	Input connector	1 x XLR F / 3P
SPL tolerances	±1.0 dB	Input connections	1=GND, 2=(+), 3=(-)
Phase tolerances	± 45° (200 Hz – 20 kHz) deg	Mains voltage	115 / 230(50-60Hz) V, ±10 %
Dispersion (H x V)	85 x 40 deg	Mains max DC offset	0.04 V
Directivity factor	SEE GRAPH	Standby consumption	1.2 W
Acoustic power	SEE GRAPH	Quiescent consumption	15 W
Distortion THD	SEE GRAPH	Max continuous power	400 W
System	3 ways	RMS continuous consumption	300 W
Crossover frequency	380, 3'600 Hz	Max relative humidity	70 %
Box material	MDF	External temperature range	5-35 °C
Woofer ext. diam.	290 mm	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

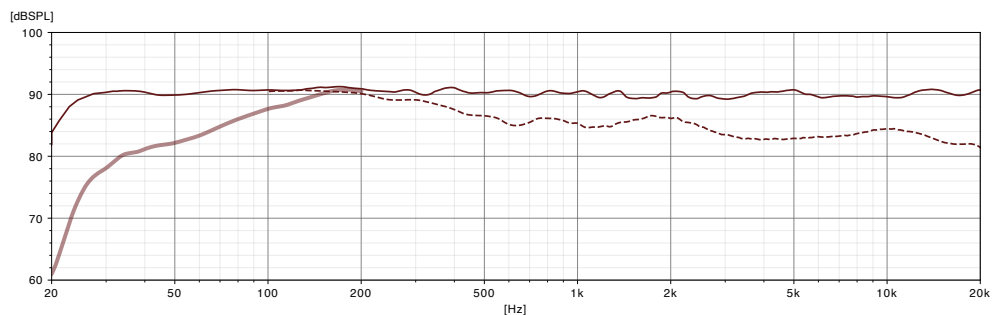
Acoustic performance

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01 Frequency Response

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

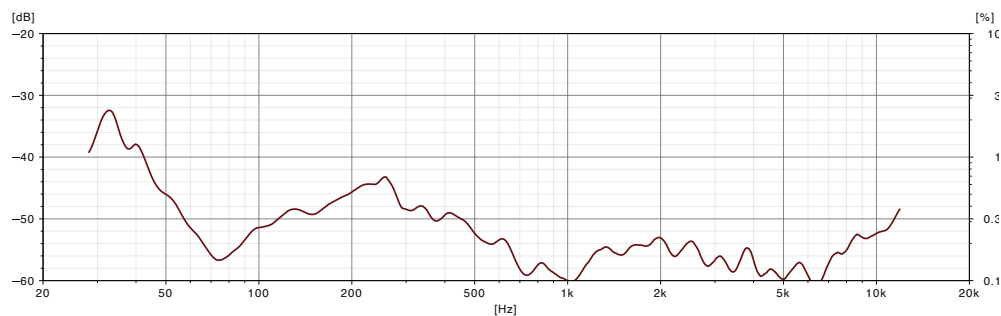
Resolution: 1/48 Octave
Smoothing: 1/6 Octave



02 Total Harmonic Distortion

— THD@ (-10dBu ; 1m)

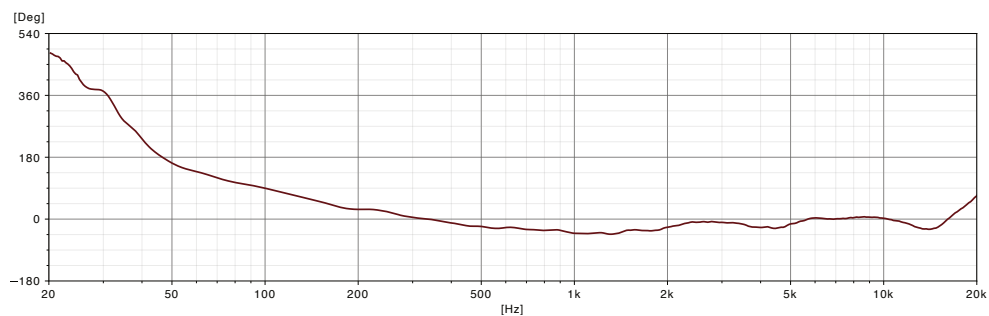
Resolution: 1/48 Octave
Smoothing: 1/6 Octave



03 Acoustic Phase

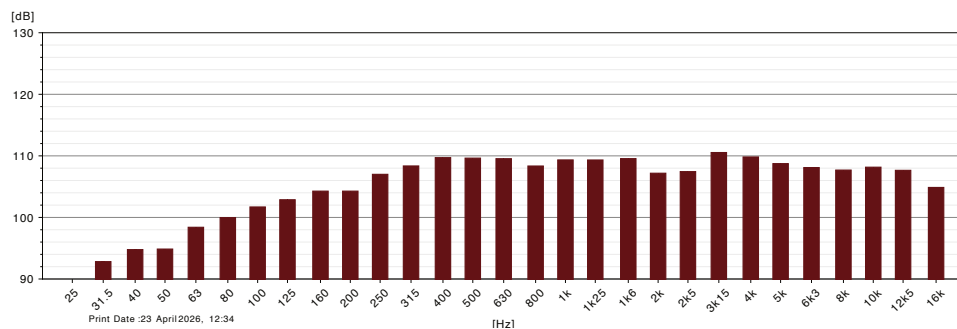
— Acoustic Phase

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



04 Max Continuous SPL

— Max Continuous SPL @ 1m

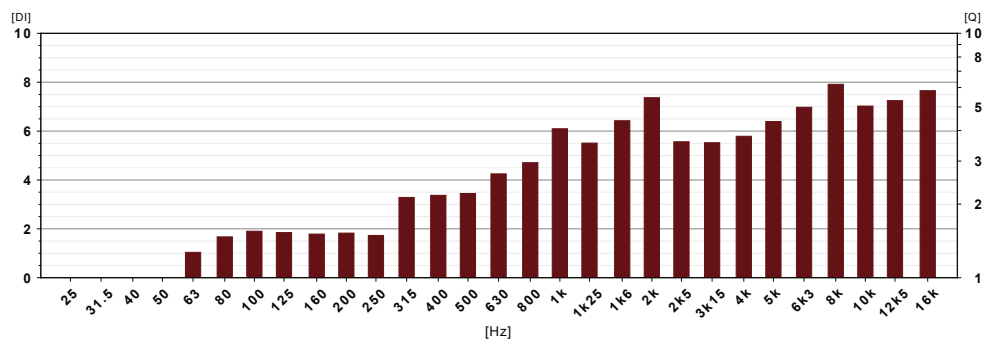


Directivity

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05 Directivity Index

■ Directivity Index



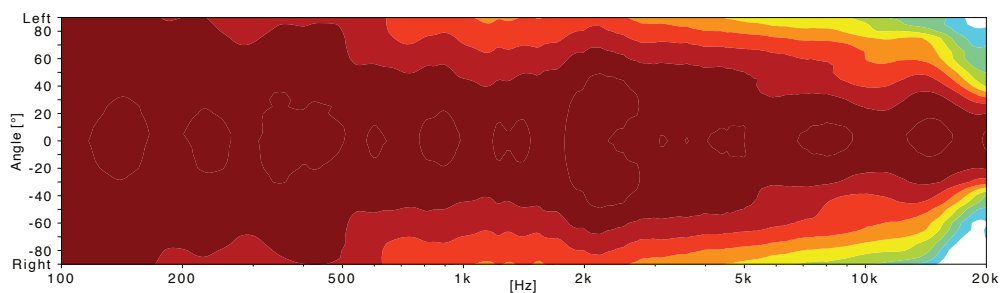
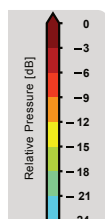
06 Horizontal Directivity

Frequency resolution:

1/36 Octave

Smoothing:

1/3 Octave



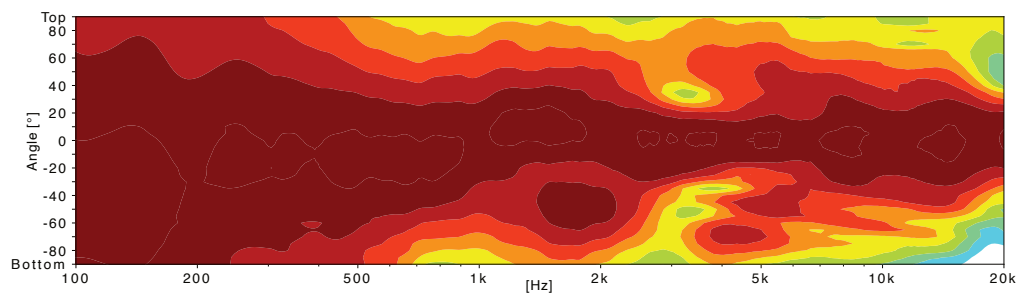
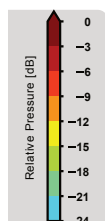
07 Vertical Directivity

Frequency resolution:

1/36 Octave

Smoothing:

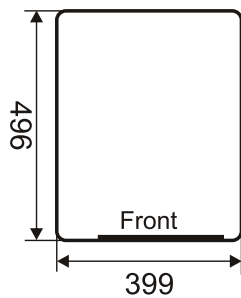
1/3 Octave



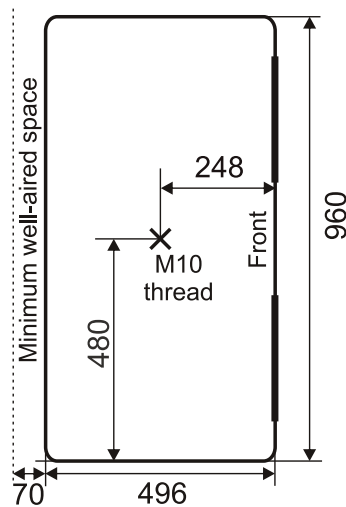
Installation

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Mounting



Bottom view

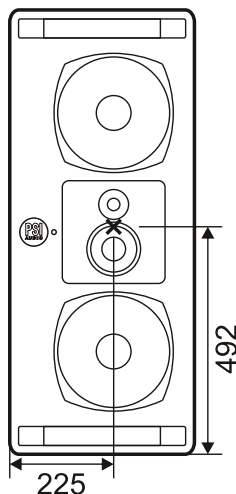


Side view

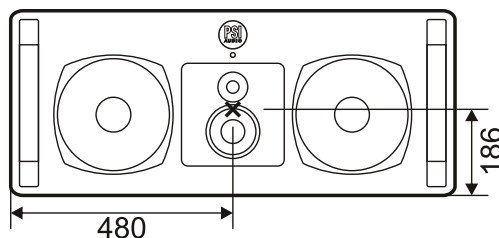
All dimensions are in mm

Refer to user manual for information about installation and safety instructions

Acoustical axis



Front view



Front view

Mid/High baffle orientation

As mentioned on the drawing here above, with a T30 hexalobular screwdriver, 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.

In a similar way, with a T10 hexalobular screwdriver, you can also easily change the orientation of the « PSI Audio » logo

Measurement environment:

Large anechoical room

Temperature $23 \pm 2^\circ\text{C}$ Humidity $50 \pm 20\%$

Typical acoustical measurements

Tolerances ± 0.5 dB Averaging 1/6 octave