



A21-2

professional studio monitor



Made in Switzerland

The A21-2 high power near/mid-field precision monitor covers a broad frequency spectrum, allowing the user to be in full control of their audio production.

Excellence through technology

Its unique and highly optimised assets make it perfect for near, mid-field and surround sound applications where ultimate precision is required. The powerful bi-amplified output stages features the unique "AOI" output stages and has a protection circuit, which can be monitored via the red LED on the front panel. The active crossover, with integrated "CPR", gives the A21-2 unprecedented impulse behaviour – with excellent stereo imaging. The crossover is also optimised for maximum phase coherence, projecting a wide horizontal and vertical ideal listening area. The electronics are housed in a unit mechanically isolated from the speaker cabinet to avoid resonance at high sound pressure levels. Designed to work in harmony with the full range of A series monitors the A21-2 also makes ideal front speakers in a surround sound setup, or can be developed in to a more powerful system by adding the A225-1 sub – thus protecting your investment.

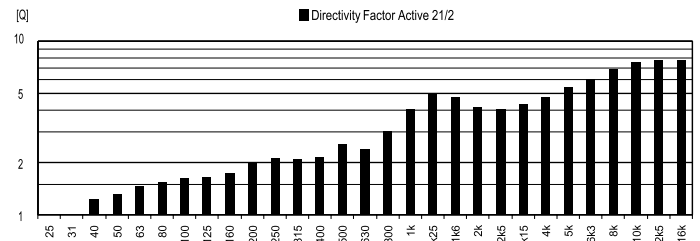
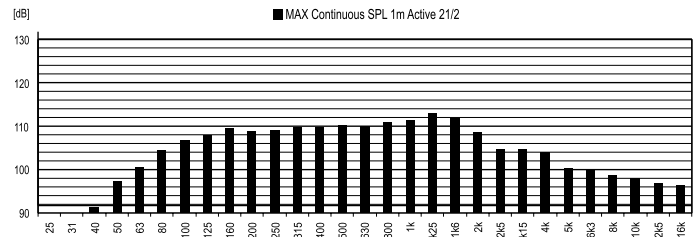
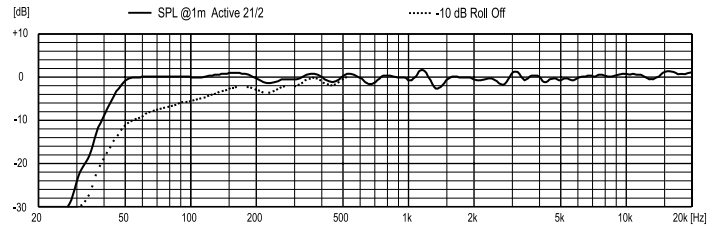
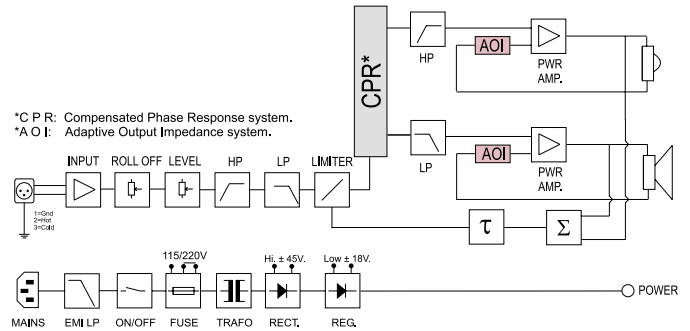
Key Features

- ▶ CPR system for highly precise stereo image
- ▶ AOI system for superior impulse accuracy
- ▶ ALG system for ideal acoustic impedance adaptation
- ▶ Bi-amp amplifier stage with monitoring feature
- ▶ Electronics unit acoustically uncoupled from speaker cabinet
- ▶ Protection circuit for each driver and amplifier
- ▶ Outstanding SPL @1m 125 dB (peak/pair)
- ▶ Broad bandwidth 43 – 23000Hz
- ▶ Flat frequency response +/- 2 dB
- ▶ Optimised phase coherent directivity
- ▶ Magnetically compensated for use close to monitors
- ▶ Prepared to accommodate wall, ceiling and stand mount kit



Technical Data

Power RMS	100+50W
Program power	150W
Input Impedance	Sym, 10kOhms
Sensitivity for 100 dB @1m	0.775V
Signal to Noise Ratio	-96 dBA
Input Overload	24 Vpp
Continuous Max SPL, 1m	108 dB (single)
Program Peak SPL, 1m	125 dB (pair)
Response at - 6 dB	43 - 23000Hz
Tolerances	±2.0 dB (48Hz - 20kHz)
Distortion THD	<1.4% (52Hz - 15kHz)
Dispersion (P.N.4 - 16kHz) at - 6 dB	90° x 90° (H x V)
System	2 Way(s)
Cross over frequency	2kHz
Woofers dim.Ext./ Diaphragm	Ø215mm / Ø170mm
Tweeter's dim. Ext./ Diaphragm	Ø100mm / Ø25mm
Connectors	1x XLR F / 3P
Signal input	1=GND, 2=(+), 3=(-)
Box Material	MDF
Dimensions cabinet W x H x Dmm	250 x 400 x 305
Net Weight	13.1Kg
Voltage	115/230V (50-60Hz)
Power Consumption	12-100VA
Mean/Max Humidity	<75%/<90%
External Temperature	5-40°C



Head Office

Relec SA
Z.I. Petits-Champs 11 a+b CH-1400 YVERDON Switzerland

T +41 (0) 24 426 04 20 F +41 (0) 24 426 04 51

E info@psiaudio.com W www.psiaudio.com

All rights reserved. All data subject to change without prior notice.



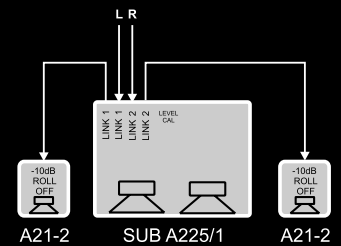
Satellite 21-225

The Satellite 21-225 system, consisting of a pair of A21-2 speakers and a single A225-1 sub, represents true 3-way stereo reproduction. The crossover frequencies between the units are perfectly aligned and form a flat frequency response from 30Hz up to 20KHz. The big advantage of the A21-225 system is that it delivers the dynamic performance and quality of sound of much larger systems, taking up minimum space.

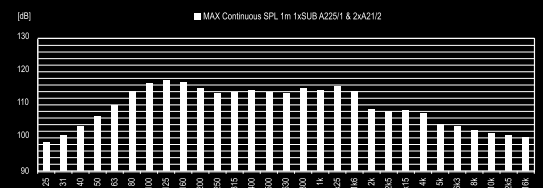
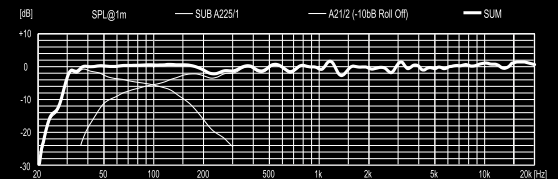
Technical Data

Response at -6 dB	28Hz - 23000Hz
Continuous Max SPL,@1m	115 dB
Program Peak SPL,@1m	127 dB
Tolerances	±2 dB (30Hz - 20kHz)

System Setup



System Response



www.psiaudio.com