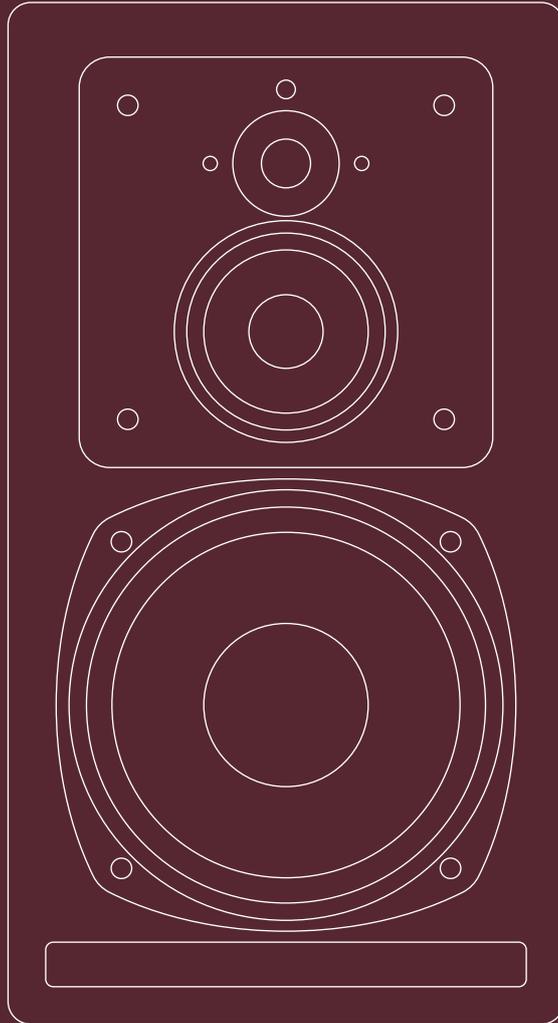


SWISS
HIGHEND
MONITORS



SWISS MADE

Quotes from the press

EXTREME PRECISION
HANDMADE WITH PASSION
PERFECT STEREO IMAGE
PHASE ACCURATE
POLYVALENT
TRUE REFERENCE
WELL PROVEN QUALITY
TRANSPARENT SOUND
FULLY ANALOGUE
TIMELESS DESIGN
COHERENT RANGE
FLAT RESPONSE
NEUTRAL MID-FREQUENCIES
HUGE DYNAMIC
TIGHT & PRECISE BASS
RELIABLE
EXTREMELY CONTROLLED IMPULSE BEHAVIOUR
HIGHTECH
LINEAR
TRUSTWORTHY
NEUTRAL BALANCE

SWISS MADE



Audiolab, St. Gallen, Switzerland

WHY PSI AUDIO

High Precision Loudspeakers

The most important aspect of our technology is that everything is thought through and designed to work together perfectly. We did not build monitors with what we had or what we found but developed a superbly integrated system where amplifier, driver, membrane and cabinet all interact perfectly together in space and time with the laws of physics as the only limit. A perfect single system!

Handmade in Switzerland since 1977

Designed and manufactured in our workshops located in Yverdon, Switzerland, our range of speakers are the culmination of our unique knowledge and experience of acoustics, mechanics, electronics and manufacturing.

Since the launch of the PSI Audio brand in 1977, our only goal has been to achieve perfection based on science, technology and leveraging decades of experience and specialized know-how.

Every component is carefully selected or manufactured, checked and assembled, by hand, in order to have a continuous and uninterrupted control over every single component and assembly step.

Phase-coherent, flat and accurate frequency and phase response

At the core of our speakers' performance is an electronic design based on two exclusive concepts: CPR (Compensated Phase Response) & AOI (Adaptive Output Impedance). These create an extremely accurate sound image as well as dynamic and natural transients.

These totally analogue technologies combined with decades of continuous optimisation now ensure you get the best sound reproduction not only in space but also in time with perfect frequency balance, dynamic transients and unmatched stereo image.

100% analogue technology: fast, linear, accurate and reliable

It is very difficult to make something simple. However that's what's necessary to achieve a plug and play, linear and robust device that is compatible with any other system. Everything our loudspeakers do, they do with no abruptness, no delay, and with the ultimate sampling rate. Only in the analogue world!

Individual calibration of each speaker in our anechoic chamber

Prior to packing, each loudspeaker is individually checked and calibrated in our large anechoic chamber and receives its individual calibration curve. This is the only way to ensure each customer receives a perfect speaker and PSI Audio's warranty of excellence and quality.

We are proud of each monitor that leaves our factory

As a result we have the most prestigious references

It is no surprise that over the years PSI Audio has gained notoriety and more and more users can't live or work without our products. Our prestigious references include professional studios, broadcasting, research laboratories as well as many private audiophiles who have all chosen PSI Audio.



“The A14-M is in the best sense, an inconspicuous near field monitor. Tonal balanced, high-resolution detail, very good transient response and accurate positioning make it the Swiss army knife of any surround setup, small studio or OB van environment.”

Professional Audio Magazine, Germany



“Performance far higher than similarly sized monitors, tonally extremely accurate and neutral. Highly recommended for serious high-end applications.”

Hugh Robjohns from Sound on Sound, UK

DESCRIPTION

All of PSI Audio’s technology and know-how concentrated into tiny dimensions.

The A14-M full range speaker is the smallest model of the PSI Audio professional studio monitor range. Housed in an **extremely compact cabinet**, the A14-M is designed to implement highest possible SPL and broad bandwidth. The A14-M is ideal for applications where the best in terms of **precision, size and reliability** are required.

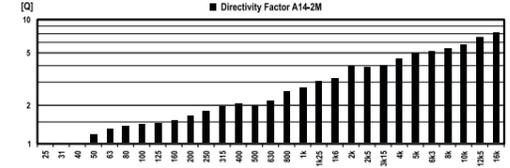
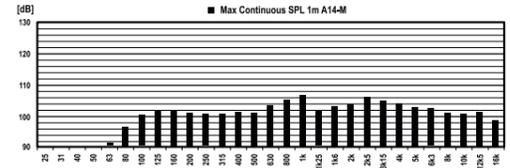
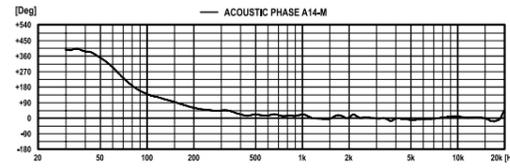
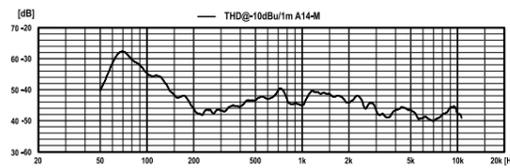
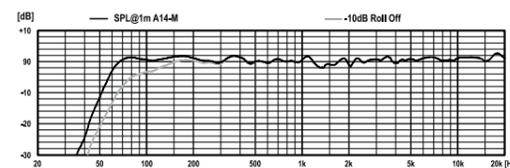
With its powerful bi-amplified output featuring “AOI” and its “CPR” equipped active crossover, the A14-M delivers unmatched impulse behaviour and coherent phase to project a perfect stereo image in a wide horizontal and vertical listening area.

Designed to work in harmony with the rest of the PSI Audio range, the A14-M is also an ideal rear speaker in any surround setup. It can also be upgraded to a more powerful system by adding a A225-M Sub.



TECHNICAL DATA

Power RMS	70 + 30W
Program Power	100W
Continuous Max SPL@1m	101 dB (single)
Program Max SPL@1m	112 dB (pair)
Response at -6dB	56 - 22000 Hz
Tolerances	±2.5 dB (65Hz - 18kHz)
Phase tolerances	±45° (260Hz - 16kHz)
Dispersion (P.N. 4 - 16 kHz) at -6 dB	100° x 100° (H x V)
System	2 Way(s)
Crossover frequency	3.5 kHz
Woofer dim. Ext. / Diaphragm	Ø147mm / Ø104mm
Tweeter dim. Ext. / Diaphragm	Ø70mm / Ø20mm
Dimensions W x H x D mm	163 x 243 x 170
Gross / Net Weight	5.8 / 5.1 kg



DESCRIPTION

A **classic near-field precision monitor**, the A17-M is the ideal entry model to the PSI Audio range. Perfectly suited for surround sound and near-field applications, **the A17-M is ideal for small studio and rooms where ultimate precision is required.** Its compact dimensions incorporate the full range of PSI Audio’s outstanding technologies.

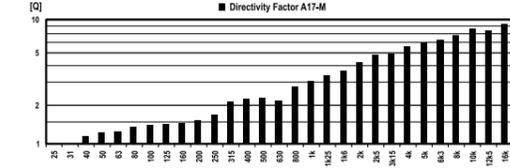
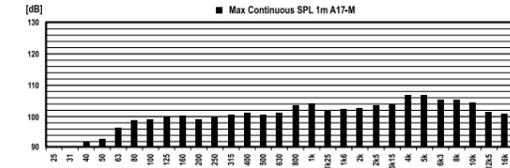
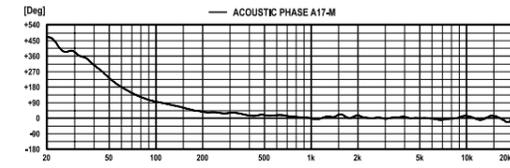
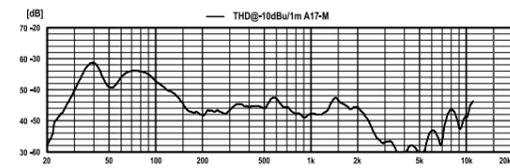
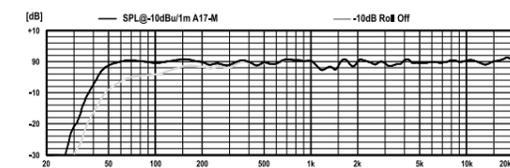
With its powerful bi-amplified output featuring “AOI” and its “CPR” equipped active crossover, the A17-M delivers unmatched impulse behaviour and coherent phase to project a perfect stereo image in a wide horizontal and vertical listening area.

Designed to work in harmony with the rest of the PSI Audio range, the A17-M is also an ideal speaker in any surround setup. It can also be upgraded to a more powerful system by adding a A225-M Sub.



TECHNICAL DATA

Power RMS	80 + 40W
Program Power	120W
Continuous Max SPL@1m	103 dB (single)
Program Max SPL@1m	114 dB (pair)
Response at -6dB	43 - 23000 Hz
Tolerances	±2.5 dB (50Hz - 20kHz)
Phase tolerances	±45° (180Hz - 20kHz)
Dispersion (P.N. 4 - 16 kHz) at -6 dB	90° x 90° (H x V)
System	2 Way(s)
Crossover frequency	3.0 kHz
Woofer dim. Ext. / Diaphragm	Ø160 mm / Ø130 mm
Tweeter dim. Ext. / Diaphragm	Ø100 mm / Ø25 mm
Dimensions W x H x D mm	200 x 320 x 230
Gross / Net Weight	8.6 / 7.5 kg





"Of particular note is the remarkable step response, which is due to PSI Audio's Compensated Phase Response (CPR) system.

This accurate time response is very rare in this type of speaker but here, PSI Audio has proven that it is possible."

Keith Holland from Resolution Magazine, UK

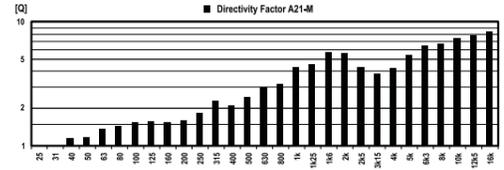
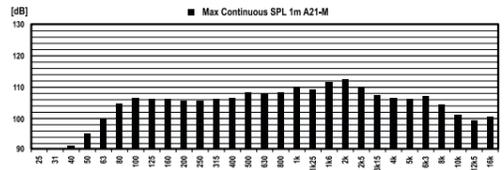
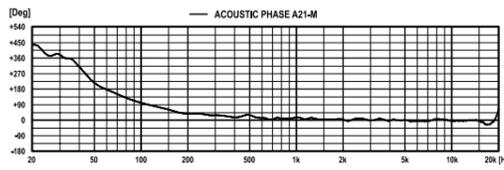
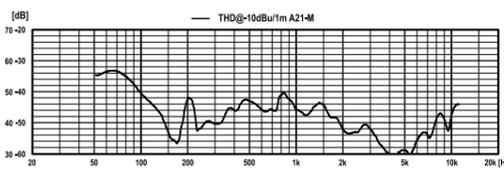
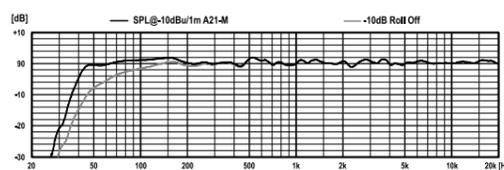
DESCRIPTION

The A21-M **high power near/mid-field** precision monitor **covers a broad frequency spectrum**, allowing the user to be in full control of his audio production. Its unique and highly optimised assets make it perfect for near, or mid-field as well as surround sound applications where ultimate precision is required.

With its powerful class G bi-amplified output featuring "AOI" and its "CPR" equipped active crossover, the A21-M delivers unmatched impulse behaviour and coherent phase to project a perfect stereo image in a wide horizontal and vertical listening area.

The electronics are mounted in a unit that is mechanically isolated from the speaker cabinet to avoid resonance at high sound pressure levels.

Designed to work in harmony with the rest of the PSI Audio range, the A21-M is also an ideal speaker in any surround setup. It can also be upgraded to a more powerful system by adding a A225-M Sub.



"The sound is very detailed, a lot of transients, very detailed in the high-end, imaging is very accurate. You can hear compression artifacts crystal clear..."

George Necola from Gearslutz.com

DESCRIPTION

The **pinnacle** of PSI Audio system development, the A25-M **main/mid-field** reference monitor features a staggering precision of +/- 1.5 dB tolerance from 38Hz to 20kHz. **The tweeter unit is hand-crafted in our workshops to achieve the required performance and accuracy.** These highly optimised features make the A25-M unique and a true reference in the industry.

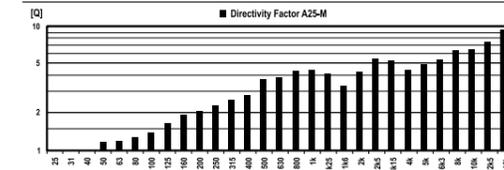
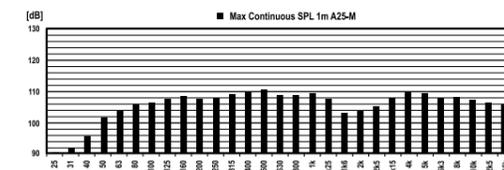
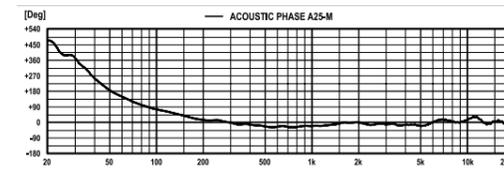
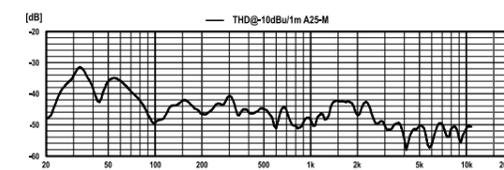
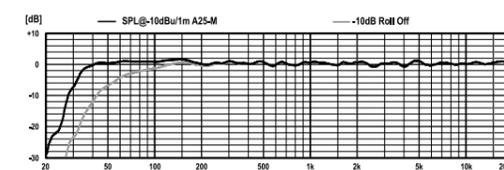
With its powerful class G tri-amplified output featuring "AOI" and its "CPR" equipped active crossover, the A25-M delivers unmatched impulse behaviour and coherent phase to project a perfect stereo image in a wide horizontal and vertical listening area.

The electronics are mounted in a unit that is mechanically isolated from the speaker cabinet to avoid resonance at high sound pressure levels and the mid-high range unit can be swivelled by 90° to maintain directivity accuracy when using the speaker horizontally.

The A25-M is also an ideal front speaker in any surround setup and can be upgraded to a more powerful system by adding one or two A225-M Sub.

TECHNICAL DATA

Power RMS	170 + 80 + 50 W
Program Power	300 W
Continuous Max SPL@1m	110 dB (single)
Program Max SPL@1m	121 dB (pair)
Response at -6dB	32 - 23000 Hz
Tolerances	±1.5 dB (38Hz - 20kHz)
Phase tolerances	±45° (150Hz - 20kHz)
Dispersion (P.N. 4 - 16 kHz) at -6 dB	90° x 80° (H x V)
System	3 Way(s)
Crossover frequency	580Hz, 3.1kHz
Woofer dim. Ext. / Diaphragm	Ø 258 mm / Ø 210 mm
Medium dim. Ext. / Diaphragm	Ø 142 mm / Ø 102 mm
Tweeter dim. Ext. / Diaphragm	Ø 100 mm / Ø 25 mm
Dimensions W x H x D mm	320 x 590 x 380
Gross / Net Weight	30.9 / 27.2 kg





“The real trick is to simultaneously provide a pure neutral processed signal and bypass all the obstacles on the road to obtain it. PSI Audio staff challenged laws of physics and mechanical constraints. Engineers from the company PSI Audio mastered this art.”

Estrada iStudio!, Poland

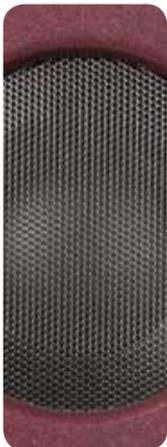
DESCRIPTION

An exceptional piece of acoustic design, the A225-M sub-woofer/bass extension is equally suited to use as a mono sub-woofer in a surround sound application or as a bass extension in a stereo system.

The A225-M Sub is designed to work perfectly with the entire range of PSI Audio ‘A’ series speakers. All PSI Audio speakers feature a frequency response roll-off function that, when combined with the A225-M Sub, extends the frequency range down to an incredible 24 Hz, whilst maintaining a perfectly flat response.

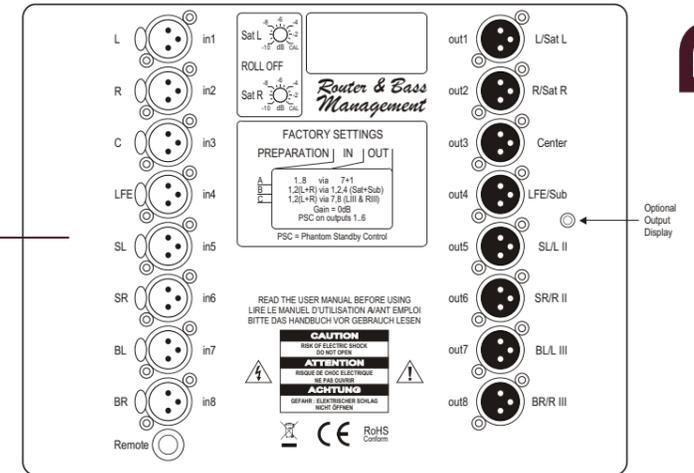
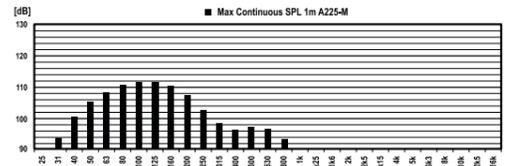
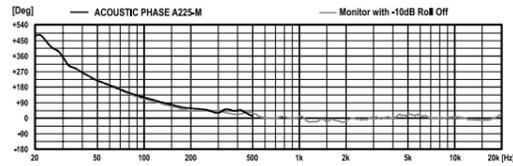
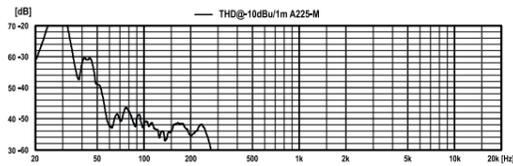
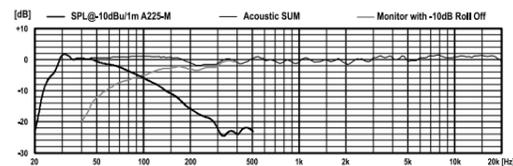
The powerful class G outputs feature PSI Audio’s unique “AOI” output stages, giving the A225-M an unprecedented impulse behaviour. Each driver and amplifier unit is secured by a protection circuit, which is monitored by a red LED on the front panel. The electronics are mounted in a unit that is mechanically isolated from the speaker cabinet to avoid resonance at high sound pressure levels.

To provide stability and avoid cabinet resonance, the A225-M is built with a double-box design, combining two cabinets into a single beautifully finished unit.



TECHNICAL DATA

Power RMS	200 W
Program Power	300 W
Continuous Max SPL@1m	111 dB (single)
Program Max SPL@1m	116dB / half space
Response at -6dB	24 - 100 Hz
Tolerances	±2 dB (28Hz - 65Hz)
System	1 Way
Crossover frequency	90Hz
Woofer dim. Ext. / Diaphragm	2x Ø 258 mm / Ø 210 mm
Dimensions W x H x D mm	320 x 700 x 500
Gross / Net Weight	40.3 / 35.6



R&B - ROUTER & BASS MANAGEMENT

The essential tool for your surround & stereo setup

Functions

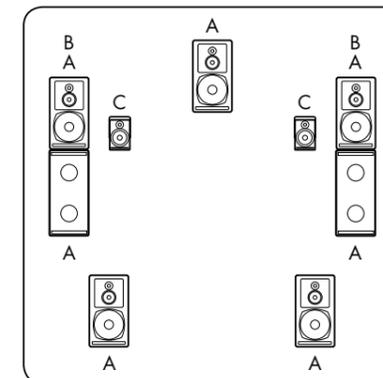
- Easy switching between 3 monitoring configurations
- Use of one multichannel speakers system in multichannel, satellite+sub or stereo modes
- Subwoofer usable as bass extension or LFE
- Standby/Mute and switching modes controlled by a simple footswitch
- Standby control for the unused PSI Audio speakers

Key Features

- Full analogue transparent system without internal channels mixing
- Integrated into the PSI Audio subwoofer A225-M as an option
- Optional display providing standby and preparation modes
- True balanced outputs adapted for balanced or unbalanced inputs
- Internal input gains adjustments
- Compatible with any monitors brand

Example of switching between 3 monitoring configurations

- A 5.1 surround
- B Stereo
- C Nearfield



“PSI Audio R&B has made my life so easy, I don’t know how I ever managed without it!”
Alex Wasem, Royal Studios



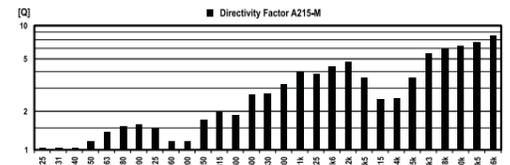
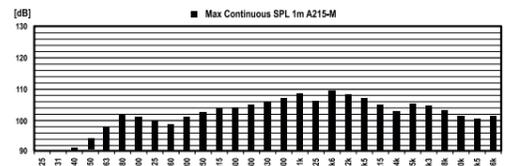
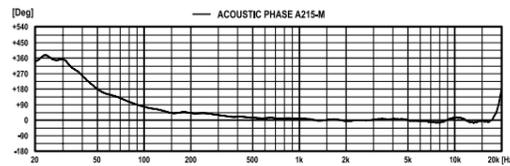
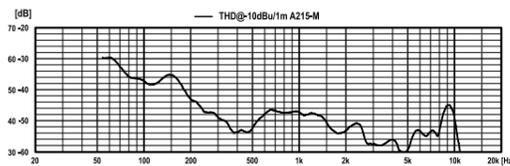
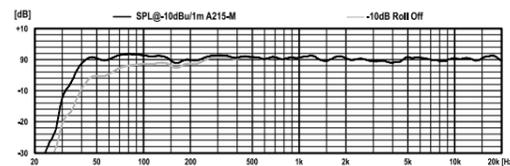
“The A215 surprises in its capacity to deliver a very broad bandwidth with an incredible SPL, making the addition of a subwoofer completely unnecessary.”

Fritz Fey from Studio Magazin, Germany

DESCRIPTION

The evolution of mastering and multichannel techniques, as well as the rise of personal studios, showed that a new shape and style of monitor was necessary. The innovative architecture of PSI Audio A215-M produces outstanding performances for mastering and listening at home. This floor standing monitor benefits from perfectly punctual sources. It has been optimized for listening in sitting or standing position and reproduces sonic space with a formidable precision.

Moreover, the A215-M features all the most advanced technological innovations of the brand: high-yield class G amplification, CPR, AOI, ALG and PSC that make PSI Audio monitors so specific. The A215-M is designed to be integrated in harmony with all the rest of the M series monitor range. The A215-M can easily be used in stereo or in any surround systems.



TECHNICAL DATA

Power RMS	120 + 40 W
Program Power	160 W
Continuous Max SPL@1m	106 dB (single)
Program Max SPL@1m	117 dB (pair)
Response at -6dB	36 - 23000 Hz
Tolerances	±2.0 dB (42Hz - 20kHz)
Phase tolerances	±45° (270Hz - 20kHz)
Dispersion (P.N. 4 - 16 kHz) at -6 dB	90° x 60° (H x V)
System	2 Way(s)
Crossover frequency	1.8 kHz
Woofer dim. Ext. / Diaphragm	2x Ø 147 mm / Ø 104 mm
Tweeter dim. Ext. / Diaphragm	Ø 100 mm / Ø 25 mm
Dimensions W x H x D mm	166 x 1110 x 250
Gross / Net Weight	18.7 / 15.1 kg



“The A214-M is incredibly powerful for its size.”

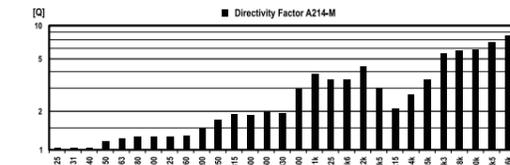
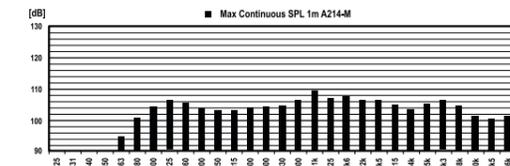
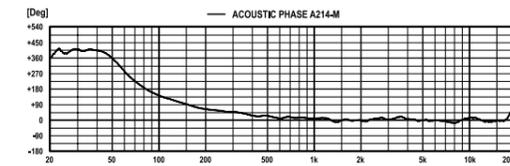
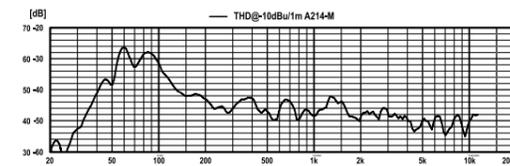
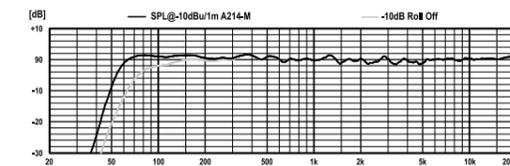
Terry Nelson from Realisation, France

DESCRIPTION

PSI Audio A214-M is primarily designed as a “centre” speaker for surround monitoring applications. However, the unit may also be used as a basic component for all monitoring requirements.

The A214-M uses two woofers of 147mm and one tweeter of 100mm, for 160W program power handling. The speaker has sufficient acoustical output to satisfy the requirements of post-production and film mixing suites, as well as for other mixing applications.

PSI Audio active loudspeakers feature hallmark “CPR” and “AOI” technology. A major advantage is that it allows monitor systems to be made up of different models, without any detriment to the overall phase response of the system. The low height of the A214-M (less than 200mm) allows the speaker to be easily incorporated into surround installations where space is of critical importance.



TECHNICAL DATA

Power RMS	120 + 40W
Program Power	160W
Continuous Max SPL@1m	108 dB (single)
Program Max SPL@1m	119 dB (pair)
Response at -6dB	53 - 23000 Hz
Tolerances	±2.0 dB (60Hz - 20kHz)
Phase tolerances	±45° (270Hz - 20kHz)
Dispersion (P.N. 4 - 16 kHz) at -6 dB	90° x 60° (H x V)
System	2 Way(s)
Crossover frequency	1.8 kHz
Woofer dim. Ext. / Diaphragm	2x Ø 147 mm / Ø 104 mm
Tweeter dim. Ext. / Diaphragm	Ø 100 mm / Ø 25 mm
Dimensions W x H x D mm	166 x 446 x 200
Gross / Net Weight	11.2 / 10.2 kg



STEREO SYSTEMS

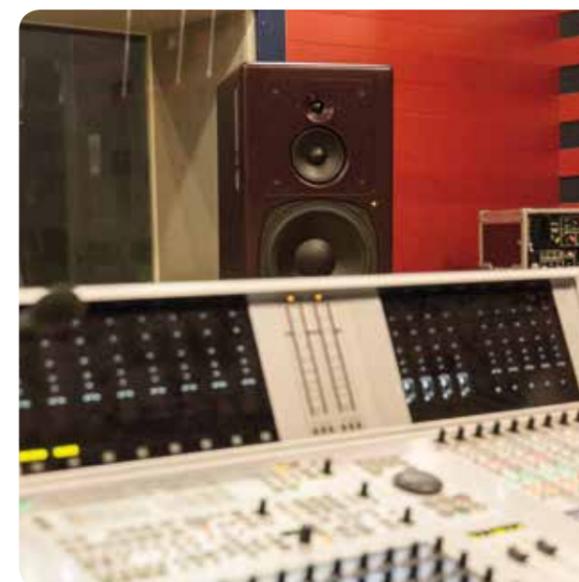
Any pair of PSI Audio speakers can be used in a stereo system that can be upgraded by adding one or two A225-M sub-woofers. This will add an extra way to the system and enhance the performance of the system by extending the bandwidth and increasing the power to obtain ear-opening bass accuracy.

From the range of PSI Audio monitors, you will be able to build a perfectly adapted stereo system for any environment and user need.

MASTER A25-225

The Ultimate in 4-way stereo reproduction

The pinnacle of current PSI stereo and sub system development, the Master A25-225 system, consisting of a pair of A25-M speakers and a pair of A225-M subs, represents the ultimate 4-way stereo reproduction. The crossover frequencies between the units are perfectly aligned and form a flat frequency response from 24Hz up to 20KHz. The Master A25-225 comes with all the technologies of the single units (CPR and AOI), but provides an increased frequency range and SPL. The Master A25-225 system can also be used as the basis of the most powerful PSI Audio 5.1 surround sound systems.



Radio Télévision Suisse, Studio 15, Lausanne

TECHNICAL DATA

Response at -6dB	24 - 23'000Hz
Tolerances	± 2 dB (30Hz- 20kHz)
Continuous Max SPL@1m	118 dB
Program Max SPL@1m	124 dB
Program Power	2x 300W + 1x 300W
System	4 Ways





TracksTailor Audio Labs, Thonon, France

5.1 SURROUND SYSTEMS

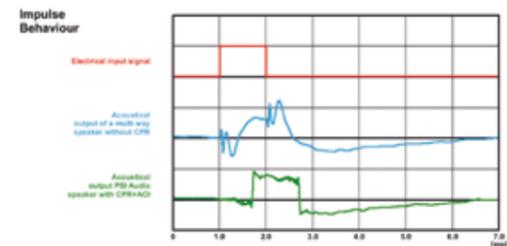
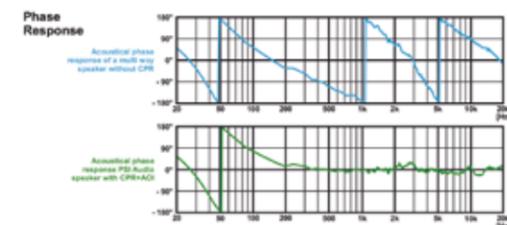
Dedicated setups from 14m² until 90m²

The successful introduction of 5.1 surround sound systems has led to engineers developing a completely new set of skills in order to manage 3D audio reproduction and experimenting systems with a large amount of speakers. With any multichannel setups, PSI Audio's coherent and accurate response will not go unnoticed. It will allow to build a system using any of our A series product as they all feature our unique CPR phase alignment technology. The result in terms of sonic image will blow you away.

A PERFECTLY INTEGRATED SYSTEM

Again, the most important aspect of our technology is that everything is thought through and designed to interact and work together perfectly as a single system with the laws of physics as the only limit.

We strive to deliver the most coherent sound and design across the whole product range. In order to achieve this compatibility between models, the transfer function must be the same, not only in frequency response but also phase, which is our speciality.



CPR - COMPENSATED PHASE RESPONSE

The CPR system consists of multiple all-pass filters

Each all-pass filter acts in a specific frequency range in order to obtain a wide area of Compensated Phase Response generating a constant group delay.

A speaker system represents the reference tool of every sound engineer.

An accurate transient response enables fine-tuning of reverb effects during mixing and positioning of the sound in the stereo or surround field.

The CPR system by PSI Audio enables extremely accurate and superior surround sound image and a much-improved working environment. A unique advantage provided by the CPR, thanks to the perfectly accurate phase response, is to enable a user to mix different models of PSI Audio speakers in a surround system.

Not only will the PSI Audio surround system sound much more accurate and therefore provide a superior working tool, but it can also introduce significant cost and space savings when investing in a new monitoring system.



AOI - ADAPTIVE OUTPUT IMPEDANCE

The AOI circuitry joins the transducer and the amplifier into a perfect couple

The AOI system detects the velocity of the moving coils. This detection is used in a filtered feedback. The goal is to adjust the damping rate continuously across the whole frequency range.

The AOI system featured in PSI Audio speakers enables more superior impulse behaviour than traditional amplifier designs. During the movement of the coil, the AOI circuitry seamlessly adapts the amplifier's output impedance to ensure ideal acceleration of the membrane required to reproduce the desired impulse.

When using sub-woofer technology in surround sound systems, the importance of a monitoring system that has pure reproduction becomes essential.

With AOI, PSI Audio monitors feature a highly accurate impulse response, and drastically reduce the coloration of the transducers.



ALG - ACOUSTIC LOAD GUIDE

A perfect speaker is the sum of perfect details and some details have a large impact

Our ALG is used in all regular 2-way and 3-way PSI Audio speakers. The shape and dimensions of the waveguide used in PSI Audio tweeter is specially designed to optimise directivity as well as maximising sound pressure level and extending bandwidth.



PSC - PHANTOM STANDBY CONTROL

The PSC technology enables to remotely activate and deactivate the standby mode of your loudspeakers through the signal cable.

The front panel LED is slightly lit in red during the standby mode. This feature is extremely useful when switching between loudspeaker configuration and visualising if speakers are active or in standby mode.

It is best used with our R&B router and footswitch that allow seamless switching between 3 different speaker configurations.

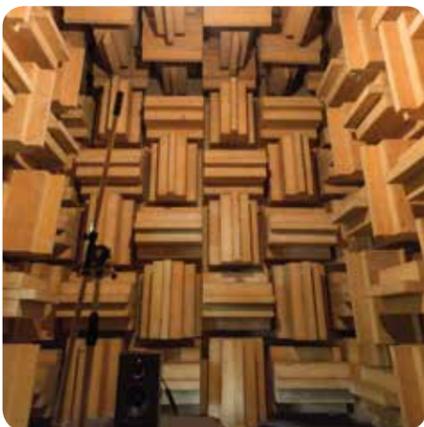


HANDMADE TWEETER

To achieve the degree of precision and sound pressure level required on our 3-way speaker, one single option was available: develop and manufacture our own tweeter. This tweeter is entirely designed and manufactured by hand to ensure the tightest tolerances in all aspects.

The production requires highly qualified technicians in the winding, magnetization, and mechanical stages as well as highest precision during the assembly of all parts. It is put together under a microscope to ensure that the tight specifications are met. **Our tweeter has the highest sound pressure level together with the lowest distortion on the market.** A world record!

The other diaphragms we use are sourced from qualified suppliers and meet our strict specifications. Most models undergo modifications and upgrades upon arrival and all are tested to ensure they comply with our specifications prior to mounting them in the cabinet.

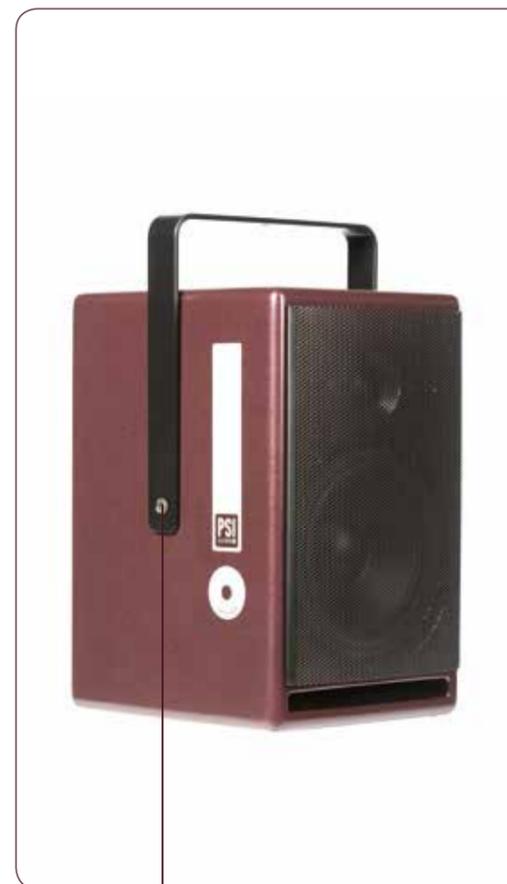


CLASS G AMPLIFIER

All of our amplifiers are 100% designed and assembled in our factory, ensuring the highest possible degree of reliability and performance.

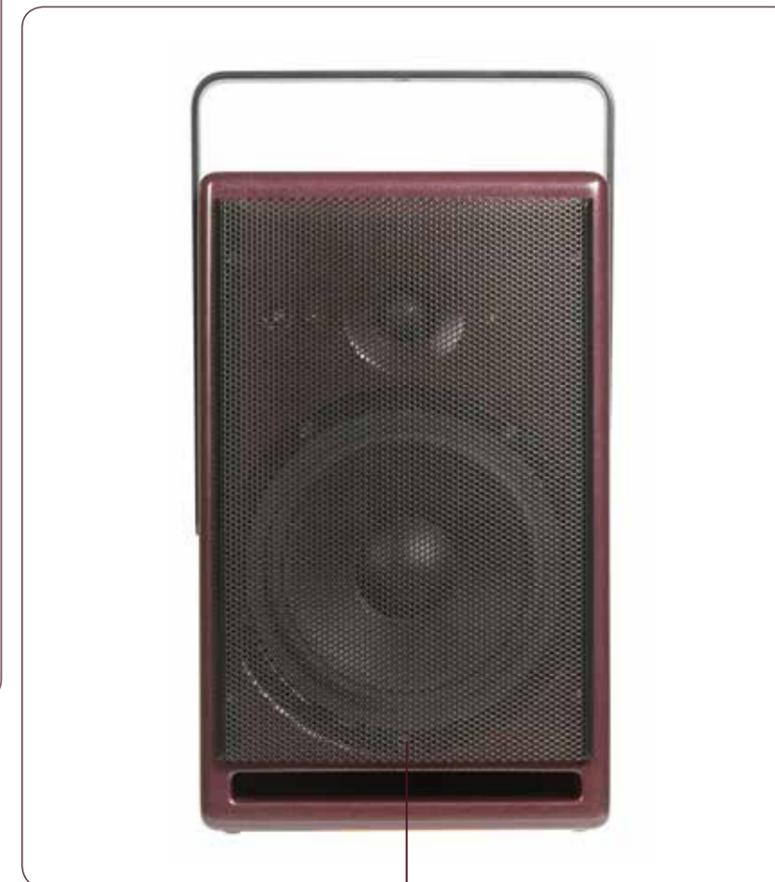
To achieve the best possible performance and efficiency PSI Audio developed a class G amplifier. This type of amplifier combines the advantages of a class AB amplifier with greater efficiency and lower distortion. It uses rail switching to decrease consumption and increase efficiency.

Quality is paramount and constantly in every employee's mind. Nevertheless, we have built in several effective quality control systems to ensure there is no possible deviation.



MOUNTING BRACKET FOR A17-M, A21-M, A25-M & A214-M

The vertical or horizontal Metal Handling Bracket for A17-M, A21-M, A25-M & A214-M is a must-have if you plan to install your loudspeakers on the wall or on the ceiling. The Bracket also allows you to tilt the speakers upwards if the units stands on a desk, and direct the speakers directly to your ears. This avoids having a speaker stand and reduces the reflection on any work surface. The mounting of the bracket requires precision, but the process is quite simple and detailed in a Mounting Manual delivered with the grill. Read the manual carefully before installing the bracket to avoid any mishandling. If ordered with the loudspeakers they can be mounted in our workshops.



METAL GRILL FOR A17-M, A21-M AND A25-M

The metal grill protections are designed for the A17-M, A21-M and A25-M models. The grill covers the whole front side of the speaker to make sure that transducers are adequately protected. The acoustic design of the grill provides a maximum alteration of 1dB only on certain high frequencies. The global acoustic performance of the product remains largely unchanged. The mounting of the grill requires precision, but the process is quite simple and detailed in a Mounting Manual delivered with the grill. Read the manual carefully before installing the grill to avoid any mishandling. If ordered with the loudspeakers it can be mounted in our workshop.

All models are available in Studio Red or Black.



Some of our references

BOLSHOI, MOSCOW
 ZHDK, ZURICH
 ATLANTICO BLUE STUDIOS, PORTUGAL
 WEISS ENGINEERING
 BORIS BLANK (YELLOW)
 RTL, PARIS
 SCHIMMER MUSIC PRODUCTIONS BV, NETHERLANDS
 RTBF, BELGIUM
 FINE MASTERING, GERMANY
 RSI, SWITZERLAND
 GEORGE NECOLA - GEARSLUTZ
 NHK, TOKYO
 YVES LAROCK
 NRJ RADIO, PARIS
 CHRIS ATHENS MASTERS, TEXAS
 NEIL BARNES - LEFTFIELD
 DOWNTONE STUDIO, GENEVA
 IRCAM, PARIS
 CZECH RADIO
 STÖRUNG FESTIVAL, BARCELONA
 NICKELBACK
 B-NOTE ENTERTAINMENT LTD, BERN
 FLUX:: SOUND AND PICTURE DEVELOPMENT
 THE AMBASSADORS, NETHERLANDS
 ONLINESESSIONS, GERMANY
 PHILARMONIE DE PARIS
 ORF, AUSTRIA
 MARK KNIGHT, LONDON
 MONTREUX JAZZ HERITAGE LAB
 RTS, SWITZERLAND
 MASTERING MANSION
 MERGING TECHNOLOGIES
 ELDAD GUETTA, UK
 MAGIC MASTERING, FRANCE
 BREAKOUT BVBA, BELGIUM
 MICHELE PACIULLI, TAIWAN

TECHNICAL DATA

	A14-M	A17-M	A21-M	A25-M	A215-M	A214-M	A225-M
Power RMS	70 + 30W	80 + 40W	120 + 50W	170 + 80 + 50 W	120 + 40 W	120 + 40W	200 W
Program Power	100W	120W	170W	300 W	160 W	160W	300 W
Continuous Max SPL@1m	101 dB (single)	103 dB (single)	108 dB (single)	110 dB (single)	106 dB (single)	108 dB (single)	111 dB (single)
Program Max SPL@1m	112 dB (pair)	114 dB (pair)	119 dB (pair)	121 dB (pair)	117 dB (pair)	119 dB (pair)	116dB (half space)
Response at -6dB	56-22000 Hz	43-23000 Hz	38-23000 Hz	32-23000 Hz	36-23000 Hz	53-23000 Hz	24-100 Hz
Tolerances	±2.5 dB (65Hz-18kHz)	±2.5 dB (50Hz-20kHz)	±2 dB (44Hz-20kHz)	±1.5 dB (38Hz-20kHz)	±2.0 dB (42Hz-20kHz)	±2.0 dB (60Hz-20kHz)	±2 dB (28Hz-65kHz)
Phase tolerances	±45° (260Hz-16kHz)	±45° (180Hz-20kHz)	±45° (190Hz-20kHz)	±45° (150Hz-20kHz)	±45° (270Hz-20kHz)	±45° (270Hz-20kHz)	-
Dispersion (P.N. 4 - 16 kHz) at -6 dB	100° x 100° (H x V)	90° x 90° (H x V)	90° x 90° (H x V)	90° x 80° (H x V)	90° x 60° (H x V)	90° x 60° (H x V)	-
System	2 Way(s)	2 Way(s)	2 Way(s)	3 Way(s)	2 Way(s)	2 Way(s)	1 Way
Crossover frequency	3.5 kHz	3.0 kHz	2.4 kHz	580Hz, 3.1kHz	1.8 kHz	1.8 kHz	90Hz
Woofer dim. Ext. / Diaphragm	Ø147 mm / Ø104 mm	Ø160 mm / Ø130 mm	Ø210 mm / Ø170 mm	Ø 258 mm / Ø210 mm	2x Ø147 mm / Ø104 mm	2x Ø147 mm / Ø104 mm	2x Ø258 mm / Ø210 mm
Medium dim. Ext. / Diaphragm	-	-	-	Ø 142mm / Ø 102mm	-	-	-
Tweeter dim. Ext. Diaphragm	Ø70 mm / Ø20 mm	Ø100 mm / Ø25 mm	Ø100 mm / Ø25 mm	Ø 100 mm / Ø25 mm	Ø 100 mm / Ø25 mm	Ø 100 mm / Ø25 mm	-
Dimensions W x H x D mm	163 x 243 x 170	200 x 320 x 230	250 x 400 x 300	320 x 590 x 380	166 x 1110 x 250	166 x 446 x 200	320 x 700 x 500
Net Weight	5.1 kg	7.5 kg	12.8 kg	27.2 kg	15.1 kg	10.2 kg	35.6 kg
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years

SWISS MADE



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