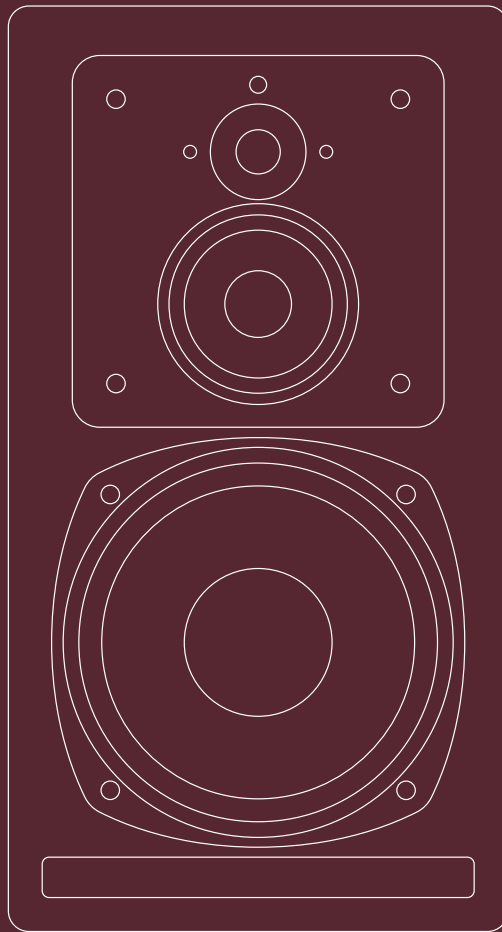




SWISS MADE



SWISS PRECISION AUDIO

**PASSION FOR
PERFECTION**

SWISS MADE



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A14-M BROADCAST
Your faithful companion: small, robust, versatile



"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

A14-M STUDIO

All of PSI Audio's technology in an extremely compact cabinet



"The A14-M system throws up a huge soundstage, bigger than most speakers, while also maintaining the proper spatial relationship between elements in the mix"

Steven Stone
Absolute Sound

DESCRIPTION

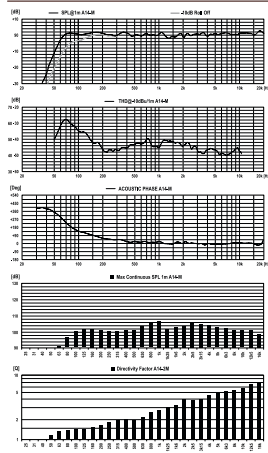
The A14-M Broadcast full range speaker is the smallest model of the PSI Audio professional studio monitor range. Housed in an extremely compact cabinet, the A14-M Broadcast is designed to implement highest possible SPL and broad bandwidth. The A14-M Broadcast is ideal for applications where the best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

With its powerful bi-amplified output featuring "ADI" and its "CPR" equipped active crossover, the A14-M Broadcast 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 Broadcast 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 + 30 W
Program Power	100 W
Continuous Max SPL@1m	101 dB (single)
Program Max SPL@1m	112 dB (pair)
Response at -6dB	56-22000 Hz
Tolerances	±2.5 dB (65 Hz-18 kHz)
Phase tolerances	±45° (260 Hz-16 kHz)
Dispersion (P.N. 4 - 16 kHz) at -6 dB	100° x 100° (H x V)
System	2 way
Crossover frequency	3.5 kHz
Woofer dim. Ext. / Diaphragm	Ø 147 mm / Ø 104 mm
Tweeter dim. Ext. / Diaphragm	Ø 70 mm / Ø 20 mm
Dimensions W x H x D	163 x 243 x 170 mm
Gross / Net Weight	5.8 / 5.1 kg



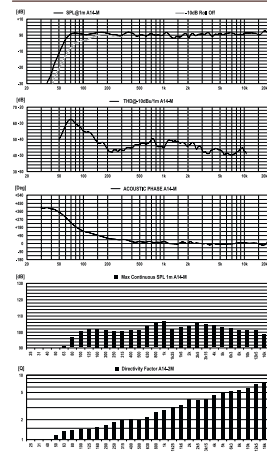
DESCRIPTION

The A14-M Studio full range speaker is the smallest member of the PSI Audio professional studio monitor range. Housed in an extremely compact cabinet, the A14-M Studio is designed to implement highest possible SPL and broad bandwidth. The A14-M Studio is ideal for studio application where the ultimate in precision and portability is required. Packed into its compact dimensions, is all the technology of its larger brothers.

The powerful bi-amplified output features the unique "ADI" output stages, while the active crossover, with integrated "CPR", delivers unprecedented impulse behavior with excellent stereo imaging. The crossover is also Studio optimized for maximum phase coherence, projecting a wide horizontal and vertical ideal listening area. Designed to work in harmony with the full range of monitors the A14-M Studio also makes ideal rear speakers in a surround sound setup, or can be upgraded into a more powerful system by adding the A225-M sub and thus protecting your investment.

TECHNICAL DATA

Power RMS	70 + 30 W
Program Power	100 W
Continuous Max SPL@1m	101 dB (single)
Program Max SPL@1m	112 dB (pair)
Response at -6dB	56-22000 Hz
Tolerances	±2.5 dB (65 Hz-18 kHz)
Phase tolerances	±45° (260 Hz-16 kHz)
Dispersion (P.N. 4 - 16 kHz) at -6 dB	100° x 100° (H x V)
System	2 way
Crossover frequency	3.5 kHz
Woofer dim. Ext. / Diaphragm	Ø 147 mm / Ø 104 mm
Tweeter dim. Ext. / Diaphragm	Ø 70 mm / Ø 20 mm
Dimensions W x H x D	163 x 243 x 170 mm
Gross / Net Weight	5.8 / 5.1 kg



BROADCAST
A14-M

STUDIO
A14-M



A17-M
Amazing power and low end out of this small monitor



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

*Hugh Robjohns
Sound on Sound, UK*



A21-M
Extremely accurate, rich and precise midfield monitor



"The A21-M are fantastic near-field / mid-field monitors. Accurate without being clinical. "High Fidelity" without hype. Tons of power and headroom."

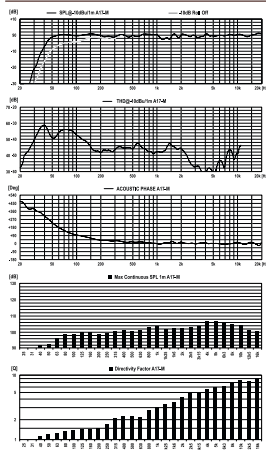
*Chris Athens
Chris Athens Masters, Texas, USA*

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 + 40 W
Program Power	120 W
Continuous Max SPL@1m	104 dB [single]
Program Max SPL@1m	115 dB [pair]
Response at -6dB	43-23000 Hz
Tolerances	±2.5 dB [50 Hz-20 kHz]
Phase tolerances	±45° [180 Hz-20 kHz]
Dispersion [P.N. 4 - 16 kHz] at -6 dB	90° x 90° [H x V]
System	2 way
Crossover frequency	3.0 kHz
Woofer dim. Ext. / Diaphragm	Ø 160 mm / Ø 130 mm
Tweeter dim. Ext. / Diaphragm	Ø 100 mm / Ø 25 mm
Dimensions W x H x D	200 x 320 x 230 mm
Gross / Net Weight	8.6 / 7.5 kg

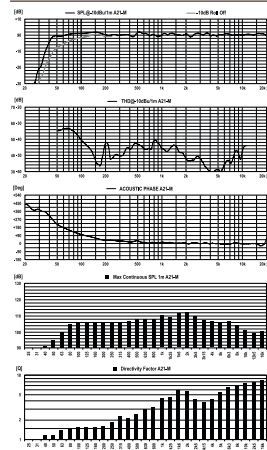
DESCRIPTION

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.



TECHNICAL DATA

Power RMS	120 + 50 W
Program Power	170 W
Continuous Max SPL@1m	108 dB [single]
Program Max SPL@1m	119 dB [pair]
Response at -6dB	38-23000 Hz
Tolerances	±2 dB [44 Hz-20 kHz]
Phase tolerances	±45° [190 Hz-20 kHz]
Dispersion [P.N. 4 - 16 kHz] at -6 dB	90° x 90° [H x V]
System	2 way
Crossover frequency	2.4 kHz
Woofer dim. Ext. / Diaphragm	Ø 210 mm / Ø 170 mm
Tweeter dim. Ext. / Diaphragm	Ø 100 mm / Ø 25 mm
Dimensions W x H x D	250 x 400 x 300 mm
Gross / Net Weight	14.2 / 12.8 kg

A21-M



A25-M

The most accurate and transparent 3-way speaker on the market



"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
Gearslutz.com

"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."

Extrada iStudio!, Poland

A225-M SUB

Adds accurate low end frequency to your system



DESCRIPTION

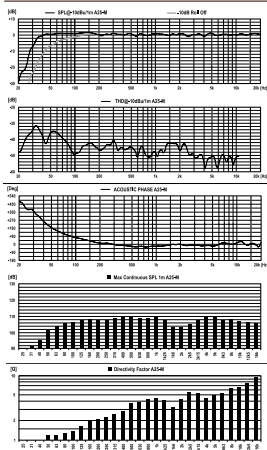
The pinnacle of PSI Audio system development, the A25-M main/mid-field reference monitor features a staggering precision of +/- 1.5 dB tolerance from 38 Hz to 20 kHz. The tweeter unit is hand-crafted in our workshops to achieve the required performance and accuracy. These highly optimised features make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

With its powerful class G tri-amplified output featuring "ADI" 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 (38 Hz-20 kHz)
Phase tolerances	+45° (150 Hz-20 kHz)
Dispersion (P.N. 4 - 16 kHz) at -6 dB	90° x 80° (H x V)
System	3 way
Crossover frequency	580 Hz, 3.1 kHz
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	320 x 590 x 380 mm
Gross / Net Weight	30.9 / 27.2 kg



www.psiaudio.com

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.

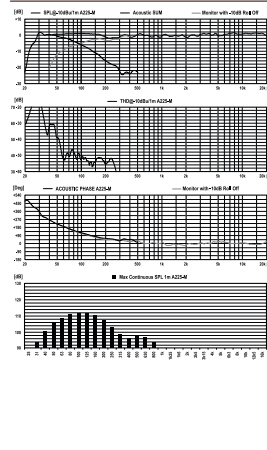
The A225-M Sub is designed to work perfectly with the entire range of PSI Audio speakers. All PSI Audio speakers feature a frequency response roll-off function that, when combined with the A225-M Sub, extends the frequency range down to an incredible 24 Hz, whilst maintaining a perfectly flat response.

The powerful class G outputs feature PSI Audio's unique "ADI" 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	116 dB / half space
Response at -6dB	24-100 Hz
Tolerances	+/-2 dB (28 Hz-65 Hz)
System	1 way
Crossover frequency	90 Hz
Woofer dim. Ext. / Diaphragm	2x Ø 258 mm / Ø 210 mm
Dimensions W x H x D	320 x 700 x 500 mm
Gross / Net Weight	40.3 / 35.6 kg



www.psiaudio.com

A25-M

A225-M SUB



A215-M
Perfect compact main dedicated to mastering

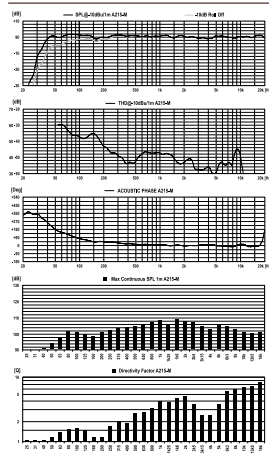
"The A215 surprises in its capacity to deliver a very broad bandwidth with an incredible SPL, making the addition of a subwoofer completely unnecessary."

*Fritz Fey
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, ADI, 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 (42 Hz-20 kHz)
Phase tolerances	±45° (270 Hz-20 kHz)
Dispersion (P.N. 4 - 16 kHz) at -6 dB	90° x 60° (H x V)
System	2 way
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	166 x 1110 x 250 mm
Gross / Net Weight	18.7 / 15.1 kg

A214-M
Practical and powerful center speaker for surround setups



"The A214-M is incredibly powerful for its size."

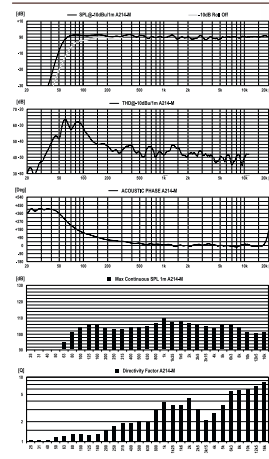
*Terry Nelson
Realisation, France*

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 "ADI" 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 + 40 W
Program Power	160 W
Continuous Max SPL@1m	108 dB [single]
Program Max SPL@1m	119 dB [pair]
Response at -6dB	53-23000 Hz
Tolerances	±2.0 dB (60 Hz-20 kHz)
Phase tolerances	±45° (270 Hz-20 kHz)
Dispersion (P.N. 4 - 16 kHz) at -6 dB	90° x 60° (H x V)
System	2 way
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	166 x 446 x 200 mm
Gross / Net Weight	11.2 / 10.2 kg

A215-M

A214-M



Ralph Zünd from 2-inch Records, Switzerland

MASTER A25-225

The Ultimate in 4-way stereo reproduction!

The pinnacle of current PSI stereo and sub system development is the Master 25-225 system consisting of a pair of A25-M speakers extended with a pair of A225-M subs. The crossover frequency between the units is perfectly aligned and forms a flat frequency response from 30 Hz up to 20 KHz. The Satellite 25-225 offers all the technology of the single units (CPR and AOI), but provides an increased frequency range and SPL. A practical link element can ensure correct height and angle of the tweeter and medium drivers. This Master A25-225 system can also be used as the basis of the most powerful PSI Audio 5.1 surround sound system.

"After 2 years of testing many speakers here in the main mixing room, I opted for the PSI Audio A25-M and A225-M sub. It's great fun to work with and everybody immediately feel secure using them. The mixes always sound balanced and just "right." The 100% analog circuit design fits perfectly into 2inch-Records studio."

TECHNICAL DATA

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



**STEREO
SYSTEMS**



Example of an Ambisonic system at HEM, Geneva

**SURROUND SYSTEMS FOR ROOMS
RANGING FROM 14 M² TO 90 M²**

The successful introduction of 5.1 surround sound systems has pushed engineers to develop a completely new set of skills in order to manage 3D audio reproduction with a large amount of speakers. PSI Audio monitors' accurate response is invaluable in any multichannel setup. As they all feature identical CPR phase alignment technology, it is possible to build a perfectly coherent multichannel system using different types of PSI Audio monitors.

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.

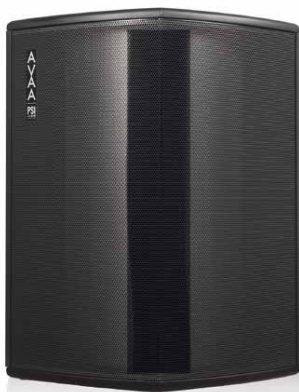
Thanks to this phase alignment technology as well as ultra precision sound reproduction, many multichannel systems have been installed ranging from 5.1 up to 30.2 setups, featuring THX, Dolby Surround or ambisonic reproductions.

The result in terms of sonic image is mind-blowing.



**SURROUND
SYSTEMS**

AVAA C20
The solution to your low frequency room modes problems



"I wish I had more pages to describe the virtues of the AVAA. It's amazing the precision, beauty, tightness and control of the bass in my mastering room, thanks to PSI Audio."

Bob Katz

"The effect of the AVAAs is dramatic and not subtle! The bass became instantly tighter, more defined and evenly balanced throughout the entire space and out into my living room"

Barry Rudolph
Mix Magazine



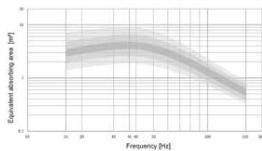
DESCRIPTION

After developing the most precise monitors on the market, what else could we do with our active analogue technology to improve sound precision?

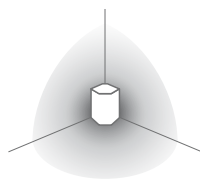
Having a perfect source of sound is paramount but the characteristics of the room the speakers are used in are also very important. Although it is pretty easy to control the mid and high frequency response in a room, the low frequencies are very difficult to absorb and are the most disturbing in room modes.

We have been thinking about using the advantages of our unique active technology to control low frequencies for decades and spared no effort in finally developing the first ever Active Velocity Acoustic Absorber (AVAA).

This revolutionary product is the only efficient and broadband solution to low frequency room modes!



Equivalent absorbing area of one AVAA depending on the frequency. The AVAA has a surface of 0.2 m² so an equivalent absorption area of 4 m² is 20 times more effective than a perfect absorber the size of the device!



The AVAA can be more effective than a perfect absorber of its own dimensions by affecting the acoustic impedance around it.

TECHNICAL DATA

Band of effectiveness	15 Hz to 150 Hz
Power consumption	max 70 W
in quiet environment	max 10 W
Dimensions W x H x D	424 x 509 x 300 mm
Gross / Net Weight	14.6 / 13.0 kg

"In short, there was not enough «BOO...» in the bass — but way too much «...OOOMMM-mmmmm» clouding the overall image. Once we turned on the AVAAs, we could all hear the «BOOM» clearly — and everything else in the mix too. Needless to say, we abandoned all of the first day's mixes and started over — sans dark fog."

Andy Hong
Tape Op

"It's remarkable technology that perform so well you think it breaks the laws of physics. There's nothing else on the planet that comes close to the performance of this patented technology. Sonically it has taken my room to a level of sonic accuracy that I never thought could be attained without some serious compromise, usually and overdamped room in the mid frequency and high-frequency decay time"

Bob Katz

IN BRIEF

- Absorbs low frequencies between 15 Hz and 150 Hz 5 to 20 times more efficiently than a perfect passive absorber of the same size
- Significantly reduces low frequency room modes with impact on:
 - Time: reduced reverberation time in low frequencies
 - Frequency: reduced masking effect and higher frequencies express more realistic details and clarity
 - Space: location of low frequencies in the sound image is more accurate
- An acoustic solution to solve acoustic problems
- Works in any room (recording, control, listening)
- No sound emitted and no alteration of the sound source
- No calibration or settings required
- Can be turned ON and OFF to highlight the effect
- Small footprint and can easily be moved from room to room
- 100% analog, no DSP, no latency

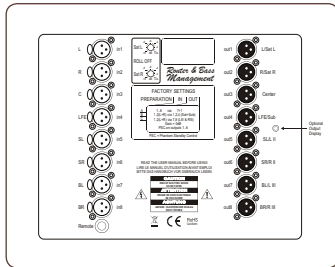
AVAA C20

AVAA C20



"PSI Audio R&B has made my life so easy, I don't know how I ever did without it!"

*Alex Wasem,
Royal Studios*



R&B ROUTER & BASS MANAGEMENT

The essential tool for your surround & stereo setup.

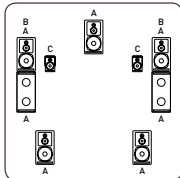
Functions

- Easy switching between 3 monitoring systems
- Use of one multichannel speaker 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 PSI Audio speakers not in use

Key Features

- Full analog transparent system with no internal channel mixing
- Optional display providing standby and preparation modes
- True balanced outputs even with unbalanced inputs
- Internal adjustments of input gain
- Compatible with any brand of monitors

ROUTER & BASS
MANAGEMENT
R&B



Example of switching between 3 monitoring configurations

- A 5.1 surround
- B Stereo
- C Nearfield



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

The vertical or horizontal Metal Handling Bracket for A17-M & A21-M is a practical and elegant solution if you plan to install your loudspeakers on the wall or ceiling or even on the desk without speaker stands.

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

The metal grille protections were designed for the A17-M, A21-M and A25 models that are exposed to many users and/or installed in location where their integrity might be at risk (typically schools, public areas). The grille covers the whole front side of the speaker to make sure that transducers are adequately protected. The acoustic design of the grille ensures that the global acoustic performance remains unchanged.



GIG BAGS FOR A14-M, A17-M, A21-M, AVAA

When you have the best possible monitors, understandably you will want to have them with you wherever you go. All you need then is a practical way of packing them and transporting them. Our gig bags have been developed exactly for that. Light, robust, practical and beautiful you will never leave without your monitors.

ACCESSORIES



YEARS



PASSION FOR PERFECTION

Our only goal has always been to achieve perfection based on science, technology, know-how and experience. This can only be driven by real passion.



OVER 40 YEARS OF INNOVATION, DEVELOPMENT AND MANUFACTURING OF BEST AND MOST ACCURATE LOUDSPEAKERS

The company was founded in 1977 by Alain Roux and has strived for decades to reproduce sound as accurately as possible, starting in the hi-fi domestic market, then public address market to finally concentrate mainly on the professional audio market. Over the decades products have evolved hand in hand with measurement instruments allowing continuous improvement as well as accurate calibration and quality assurance.

OVER 25 YEARS OF PURE ANALOGUE ACTIVE TECHNOLOGY

PSI Audio were amongst the first to consider that an integrated speaker with a perfectly adapted engine is more efficient than a passive system. In the early 1990s, PSI Audio developed a series of active monitors first as an Original Equipment Manufacturer for a leading Swiss professional equipment brand (Studer) and then integrated them into PSI Audio range of products.

HANDMADE IN SWITZERLAND

With the degree of detail required to achieve the best monitors, it is also necessary to ensure that every step of manufacturing is done with knowledge, skill and passion. This can only be achieved by hand therefore our speakers are all handmade in our specialised workshops in Yverdon-les-Bains, Switzerland.

DESIGNED AND MANUFACTURED TO LAST FOR A LIFETIME

Sustainability starts with designing and manufacturing long lasting products. We still offer after sales and repairs for all the products we have ever built. It is with pride that we service speakers that we manufactured over 30 years ago and send them back out to please ears for several more decades.

OUR WORLD-CLASS COMPETENCIES ARE USED IN SEVERAL OTHER INDUSTRIES

Building on our tweeter technology, we have manufactured high precision seismographs that equip many European bridges. Based on our class G amplifier technology we have developed special amplifiers for the Swiss precision mechanical industry. With our precision acoustic technology we developed small anechoic chambers used in the watch industry.

www.psiaudio.com

A MONITOR IS A REFERENCE TOOL FOR EVERY SOUND ENGINEER

A monitor's mission is to transform an electrical signal into a acoustic signal.... no more and no less.

SYSTEM A PERFECTLY INTEGRATED SYSTEM

Cabinet, membrane, amplifier are designed to work as a system

We 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.

ANALOG 100% PURE ANALOGUE TECHNOLOGY

Fast, linear, accurate, reliable, seamless

Ears are analogue. Sound is analogue. A transducer is analogue. Our loudspeaker technology is also entirely analogue. This requires smart design as well as highest degree of quality control over all components and manufacturing of the loudspeaker but well-mastered analogue technology guarantees fast, linear, seamless and reliable functioning with no latency.

CLASS G CLASS G AMPLIFIER

Most efficient with lowest distortion

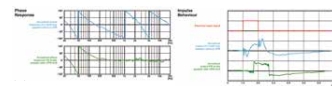
All of our amplifiers are 100% designed and assembled in our facilities, ensuring the highest possible degree of reliability and performance. This is achieved through our class G amplifier that combines the advantages of class AB amplifier with greater efficiency and lower distortion.

PSI Audio advanced analogue technology ensures:

- Perfect frequency and phase response
- Perfect transients with no coloration
- Perfect sound image

And the sound engineer can:

- Trust what he/she hears
- Work faster and better with less fatigue as the sound is more natural
- Easily fine-tune reverb effects and position the elements in the stereo or surround field during mixing
- Enjoy a much-improved working environment with extremely accurate and superior sound image
- Mix and match all models in any surround system



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CPR COMPENSATED PHASE RESPONSE

Coherent and accurate phase response

Accurate sound reproduction not only means a flat frequency response but also requires a flat phase response. The CPR system accurately aligns the phase response of the monitor to recreate the perfect transients and space image of real life sound.

AOI ADAPTED OUTPUT IMPEDANCE

Perfect impulse with no coloration

During the movement of the coil, the AOI circuitry seamlessly adapts the amplifier's output impedance to insure ideal acceleration of the membrane needed to reproduce the desired impulse with no coloration whatsoever.

PSC PHANTOM STANDBY CONTROL

Remote standby technology

This feature is extremely useful when switching between monitoring configurations and visualising if speakers are active or in standby mode. It is best used with our R&B (router and bass management) footswitch that allows to seamlessly switch between 3 different monitoring configurations.

ALG ACOUSTIC LOAD GUIDE

Optimised wave guide

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.

TECHNOLOGY

HISTORY

A PERFECT SPEAKER IS THE SUM OF COUNTLESS PERFECT DETAILS
PSI Audio products are handmade to ensure necessary attention to each and every detail.



CABINET MAKING

Cabinets are manufactured with great care and attention from the choice of the wood all the way through to the paintwork.



INCOMING INSPECTION

The outsourced components are all individually checked to ensure they are fit for use in a PSI Audio monitor. This is necessary as our tolerances are often far tighter than what the best suppliers can guarantee.



COMPONENT MATCHING

In a precision analogue device, it is paramount that all components achieve the desired result together. This requires matching of sensitive components on each board which obviously requires to measure them each individually.



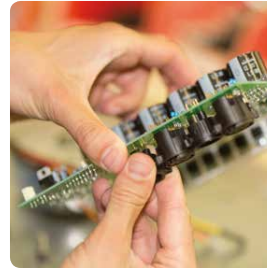
BOARD ASSEMBLY

The board assembly and soldering is entirely done by hand to ensure it is perfectly adapted, and with the adequate temperature, for each component. It also allows continuous supervision over the entire manufacturing process.



TWEETER MANUFACTURING

The tweeter of the A25-M is entirely designed and manufactured in our workshops to ensure the tightest tolerances in all aspects. Winding, magnetization, gluing and mechanical positioning using a microscope all need to be done by skilled hands to reach the record high SPL and low distortion required. A world record! The other transducers used are sourced from qualified suppliers and according to our design and specifications.



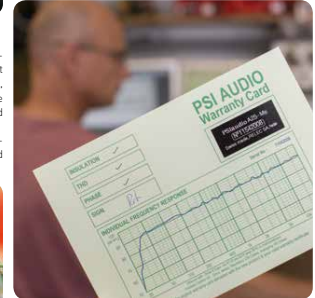
ASSEMBLY

Assembly is of course also done entirely by hand to ensure continuous quality supervision over each and every detail of the manufacturing process.



INDIVIDUAL CALIBRATION IN LARGE ANECHOIC CHAMBER

As the role of a monitor is to transform an electric signal into an acoustic signal, every single monitor produced is checked and calibrated in our large anechoic room to ensure this.



CALIBRATION CURVE - THE BIRTH CERTIFICATE

Like any respected precision instrument, each of our monitors is issued with its own calibration curve that represents a real birth certificate showing it can leave the factory and be used for many decades.



PASSION FOR PERFECTION



TECHNICAL DATA

	A14-M BROADCAST STUDIO	A17-M	A21-M	A25-M	A225-M	A215-M	A214-M
Power RMS	70 + 30 W	80 + 40 W	120 + 50 W	170 + 80 + 50 W	200 W	120 + 40 W	120 + 40 W
Program Power	100 W	120 W	170 W	300 W	300 W	160 W	160 W
Continuous Max SPL@1m	101 dB [single]	103 dB [single]	108 dB [single]	110 dB [single]	111 dB [single]	106 dB [single]	108 dB [single]
Program Max SPL@1m	112 dB [pair]	114 dB [pair]	119 dB [pair]	121 dB [pair]	116 dB [half space]	117 dB [pair]	119 dB [pair]
Response at -6dB	56-22000 Hz	43-23000 Hz	38-23000 Hz	32-23000 Hz	24-100 Hz	36-23000 Hz	53-23000 Hz
Tolerances	±2.5 dB [65 Hz-18 kHz]	±2.5 dB [50 Hz-20 kHz]	±2.0 dB [44 Hz-20 kHz]	±1.5 dB [38 Hz-20 kHz]	±2.0 dB [28 Hz-65 kHz]	±2.0 dB [42 Hz-20 kHz]	±2.0 dB [60 Hz-20 kHz]
Phase tolerances	±45° [260 Hz-16 kHz]	±45° [180 Hz-20 kHz]	±45° [190 Hz-20 kHz]	±45° [150 Hz-20 kHz]	-	±45° [270 Hz-20 kHz]	±45° [270 Hz-20 kHz]
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	2 way	2 way	3 way	1 way	2 way	2 way
Crossover frequency	3.5 kHz	3.0 kHz	2.4 kHz	580 Hz, 3.1 kHz	90 Hz	1.8 kHz	1.8 kHz
Woofer dim. Ext. / Diaphragm mm	Ø 147 mm / Ø 104 mm	Ø 160 mm / Ø 130 mm	Ø 210 mm / Ø 170 mm	Ø 258 mm / Ø 210 mm	2x Ø 258 mm / Ø 210 mm	2x Ø 147 mm / Ø 104 mm	2x Ø 147 mm / Ø 104 mm
Woofer dim. Ext. / Diaphragm inch	Ø 5.8 in / Ø 4.1 in	Ø 6.3 in / Ø 5.1 in	Ø 8.3 in / Ø 6.7 in	10.2 in / Ø 8.3 in	2x Ø 10.2 in / Ø 8.3 in	2x Ø 5.8 in / Ø 4.1 in	2x Ø 5.8 in / Ø 4.1 in
Medium dim. Ext. / Diaphragm mm	-	-	-	Ø 142 mm / Ø 102 mm	-	-	-
Medium dim. Ext. / Diaphragm inch	-	-	-	Ø 5.8 in / Ø 4.1 in	-	-	-
Tweeter dim. Ext. / Diaphragm mm	Ø 70 mm / Ø 24 mm	Ø 100 mm / Ø 25 mm	Ø 100 mm / Ø 25 mm	Ø 100 mm / Ø 25 mm	-	Ø 100 mm / Ø 25 mm	Ø 100 mm / Ø 25 mm
Tweeter dim. Ext. / Diaphragm inch	Ø 2.8 in / Ø 0.95 in	Ø 3.9 in / Ø 1.0 in	Ø 3.9 in / Ø 1.0 in	Ø 3.9 in / Ø 1.0 in	-	Ø 3.9 in / Ø 1.0 in	Ø 3.9 in / Ø 1.0 in
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	320 x 700 x 500	166 x 1110 x 250	166 x 446 x 200
Dimensions W x H x D inch	6.4 x 9.6 x 6.7	7.9 x 12.6 x 9.1	9.9 x 15.8 x 11.9	12.6 x 23.3 x 15.0	12.6 x 27.7 x 19.9	6.6 x 43.9 x 9.9	6.6 x 17.6 x 7.9
Net Weight kg	5.1 kg	7.5 kg	12.8 kg	27.2 kg	35.6 kg	15.1 kg	10.2 kg
Net Weight lbs	11.2 lbs	16.5 lbs	28.2 lbs	59.8 lbs	78.3 lbs	33.1 lbs	22.4 lbs
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years

Most cited words in 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
MUSICALLY VERY NATURAL

Some of our references:

BOLSHOI, MOSCOW
BOB KATZ, FLORIDA
ZHDK, ZURICH
ATLANTICO BLUE STUDIOS, PORTUGAL
WEISS ENGINEERING
BORIS BLANK (YELLOW)
RTL, PARIS
SCHIMMER MUSIC PRODUCTIONS BV, NL
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, PRAGUE
STÖRUNG FESTIVAL, BARCELONA
BIG LOUD MOUNTAIN, NASHVILLE
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MICHELE PACIULLI, TAIWAN
EDWARD J. NIXON, ATLANTA





PRECISION
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