

Something in the AIR...

Dynaudio Acoustics wins BBC tender

Hollywood Sound Engineer Chris Boyes gets honest sonic clarity from AIR

Best Japanese speaking monitor ever!

Elton John's back catalog mixed in 5.1 - the AIR 6s did the job

And a lot more inside...

dynaudioacoustics
IF IT'S THERE - YOU'LL KNOW IT

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The monitor choice of professionals

Something in the AIR makes professionals throughout the world pay their tribute to the award-winning monitor series from Dynaudio Acoustics. Broadcasters, sound engineers and re-recording mixers have on a large scale chosen the AIR Series for their production facilities and renowned studios. Why? Because no other monitoring system sports extensive calibration, loudness control and consistency, combined with transparency and utmost flexibility. The AIR Series is not just a range of monitors, but a serious and professional tool that can be adjusted to individual needs like no other monitor system on the planet. In these AIR Chronicles, we have trained the radar on some of the most innovative audio production facilities in the world, all of which have benefited from the unlimited possibilities of digital monitoring.

We encourage you to get at fresh breath of AIR.

Dynaudio Acoustics wins BBC tender



After a comprehensive selection procedure, the AIR 6, AIR 20, and BM5 reference monitors from Dynaudio Acoustics were chosen as the new standard monitors for BBC Radio & Music.

TC Electronic, Dynaudio Acoustics' worldwide distributor, and HHB Communications Ltd worked closely together during the initial and final stages of BBC Radio & Music's tender on studio monitors for their production facilities at the newly refurbished Broadcasting House, central London. The comprehensive selection procedure was carried out under EU procurement guidelines, where interested companies were invited to tender 3 different monitor sizes. Every single monitor and company was evaluated separately, and 10 different brands were selected for the final evaluation, where several different usability tests were conducted.

The speakers had to pass through technical evaluations, extensive blind listening tests, and factory inspections.

Martin O'Donnell, Broadcast Sales Manager at HHB Communications Ltd says: "As BBC Radio & Music moved to replace their existing monitors, we took a close look at their acoustic requirements and technical specifications. We presented loudspeaker combinations from a number of different manufacturers and following the evaluations our Dynaudio Acoustics proposal was chosen to meet the tough BBC requirements."



The BBC's new Broadcasting House, to be completed 2008/9.

Accompanying familiar tonal characteristics across the range, the AIR Series utilises the latest digital technology and offers a wide range of facilities including networking, extensive parameter & bass management control and multi-channel operation. The AIR monitors stood the test and will now be in charge of delivering their characteristic crisp and transparent sound for the UK's leading broadcaster, the BBC.

"I know exactly what I am getting"

Flower Surround in Southern California installed a Dynaudio Acoustics AIR 6 5.1 monitoring system in 2003 when founder Greg Penny was asked to produce and mix Elton John's "Goodbye Yellow Brick Road" in 5.1 SACD. Greg scored his first big production success with k.d. lang's 1989 album "Absolute Torch and Twang"

"...people love the way they sound!"

and later with 1992's "Ingénue". His achievements with k.d. lang brought him to the attention of superstar, Elton John, who Greg had met years earlier in 1973. The first song Greg produced for Elton's "Duets" 1993 album featured k.d. lang on "Teardrops" and marked the beginning of a long collaboration that also yielded Elton's next studio LP, 1995's "Made In England".

Since finishing "Goodbye Yellow Brick Road", Greg has mixed an astonishing nine additional Elton John 5.1 album projects on his



Greg Penny

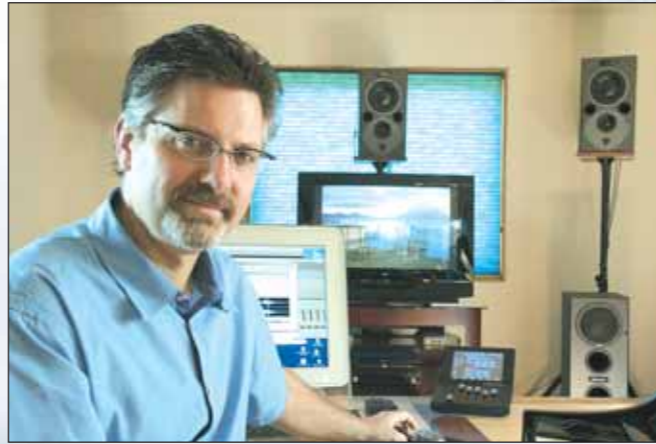
AIR 6 system in six months. "I like the AIR 6s because when I mix on them I know exactly what I am getting. I can take my mixes anywhere and the complements are very consistent, people love the way they sound!"

Academy Award® winner on AIR

Within six years of graduation from the cinema school at San Francisco State in 1985, Chris Boyes had broken in the rarified world of Hollywood feature films. Starting as a Foley recordist for 1991's "Backdraft", Chris quickly moved up to sound designer and re-recording mixer on a string of blockbuster films including "Mission: Impossible", "Titanic", "Armageddon", "Pearl Harbor", "Pirates of the Caribbean", "Minority Report", "Mystic River" and all three Lord of the Rings films (2001-2003).

„The AIR Series fits perfectly into my vision of what a monitor system should be“

Along the way Chris Boyes picked up seven Academy Award® Nominations and two Oscars® for sound editing on "Pearl Harbor" and "Titanic" and the Oscar® for Best Sound for "The Lord of the Rings: The Return of the King". As a sound mixer he most recently worked on 2004's "The Weatherman" starring Nicolas Cage and Michael Caine, and "Sky Captain" starring Jude Law and Gwyneth Paltrow. When Chris isn't mixing on a dub stage somewhere around the globe, he settles into his comfortable studio in Marin County, California, equipped with AIR monitors, of course! Chris purchased his first set of AIR monitors for his



Chris Boyes

work as sound designer, supervising sound editor and re-recording mixer on "Pirates of the Caribbean: The Curse of the Black Pearl". "The AIR series fits perfectly into my vision of what a monitor system should be", says Chris, "The AIR speakers give me honest sonic clarity with immense power and an integrated technical design that simplifies my life in the studio."

AIRs speak Japanese

For the past six years, Half HP Studio has been the entrusted post production facility of the famous Japanese POKEMON animation movies. The studio has recently chosen the AIR 6 and AIR 20 monitors for the surround system in their new audio sweetening studio called Stage 3.

“The new AIR monitors allow us to create higher quality Japanese content.”

Nobuhira Hirano, Chief Engineer at Half HP Studio, explains: "We have always used Dynaudio Acoustics M3 as 5.1 surround monitors, so our requirements were to have the same - or even better - sound quality alongside with an intelligent solution for the center monitor with screen plus 6.1 compatibility. The AIR Series met all of these requirements."

With the AIR 6.1 system accurately aligned to his uncompromising needs, Nobuhira Hirano profits fully from the benefits of DSP. Utilizing the preset function, he is now able to get the same sound-

scape whether the screen is covering the center monitor or not. Nobuhira Hirano draws attention to the fact, that Half HP Studio tested a vast variety of monitors thoroughly, with the AIR monitors being the only ones able to pronounce Japanese entirely right. "There are certain pronunciations in Japanese that you really have to be careful with. We've experienced some monitors that just couldn't reproduce those sounds correctly. The new AIR monitors allow us to create higher quality Japanese content."



Half HP Studio

Dedicated to DVD

The Sweden-based Digitalfabriken Mastering has installed a 5.1 Dynaudio Acoustics AIR system in order to expand their studio in one of their facilities in Gothenburg. The studio has been a prominent post production institution in Scandinavia for many years, but hasn't brought 5.1 into play until 2004. Mastering Coordinator Daniel Fossum describes the upgrade:

“...great in revealing details while also comfortable even after 8 hours of intense work.”

"The huge market for multichannel audio in Scandinavia had been kind of hesitating for quite a while, but because we had already built a dedicated DVD-authoring studio and also saw a coming move from our customers, we decided to go for it. After testing several high-end monitors using a/b listening, the choice was pretty obvious. The AIR 15 series along with two AIR Base-1 and the hardware remote was exactly what we needed. The monitors are honest, great in revealing details while also comfortable even after 8 hours of intense work. And the whole



Daniel Fossum

TC Link concept with the integrated network is extremely quick and comfortable. Should we need to build yet another multichannel studio, we would instantly equip it with a Dynaudio Acoustics AIR monitoring system!"

Option opted for AIR

Option Facilities in Mechelen is the first studio in Belgium to use a 5.1 monitor set-up with AIR 25 monitors from Dynaudio. For some time now, the Belgian sound studio has been profiling itself as a one-stop-solution for all kinds of audio-visual communication, ranging from television and video productions to DVD authoring and compression. The installation of a high-end 5.1 digital audio studio is the next logical step on the chosen path. The clients are mostly television channels, production companies, advertising agencies, music and film companies and multinationals.

The AIR 25 speakers were chosen after extensive listening tests because of their uniform sound image and not the classical 'spot' sound fields. This makes the listening position of both the sound engineer and the client less critical. Their neutral and transparent sounds were also important factors.

By using the AIR Control Software with integrated Bass Management handling and X-curves, the room can be acoustically optimized, depending on the job, for stereo, 5.1 home-DVD or 5.1 cinema.



Option Facilities, Mechelen - Belgium

Music Factory powered by AIR

German musician and sound engineer Marc Ebermann is a true AIR aficionado. He has equipped his own Music Factory with Dynaudio Acoustics' AIR 20s, which he uses extensively for his 5.1 productions.

After studying bass, composition and arrangement at the Grove School of Music in Los Angeles in the early nineties and playing with the likes of Scott Henderson and Frank Gambale, Mark Ebermann returned to his native Germany to work as a session player. Besides playing live and in studios, he has also refined his craft as an engineer and producer, specializing in Pro Tools.

"...the AIR 20s are as flexible as they are great sounding."

Marc Ebermann has worked with renowned artists like the legendary drummer Vinnie Colaiuta and the Scorpions in some of the greatest studios in Europe. Next to these challenging activities, he has built up his own project studio in his living room - and it has



Music Factory

just kept on growing, threatening to take over the entire house. Two years ago, Marc Ebermann therefore decided to build a new place, integrating the family residence and a full fledged recording facility. The result, called Music Factory Studios, definitely justifies the good two years of hard work and daily madness: The studio is situated in Verden/Aller, easily reachable from Bremen or Hannover, and offers everything that a musician or producer could possibly desire.

The heart of the Music Factory Studios is a bright, inviting control room with great acoustics, built around a Pro Tools HD system, optimized for stereo and surround production. When deciding which 5.1 monitoring system to install, the choice was clear from the outset: After listening to and working with AIR 20 from Dynaudio Acoustics, Marc Ebermann knew exactly what he wanted. With their extended Bass Management capabilities and room compensation alongside with the presets for stereo and surround, the AIR 20s are as flexible as they are great sounding. Marc's experience has also shown that musicians and producers in general feel comfortable with the AIR Series almost instantly.

The very pleasant recording room with variable reverberation time together with a royal choice of microphones and top notch outboard gear and monster cabling, leave no room for doubt: The Music Factory Studios constitute serious, professional and inspiring facilities, in which you can record, mix and produce great music. And the AIR 20s will undoubtedly help Marc Ebermann to add even more outstanding productions to his already impressive list of achievements.



Marc Ebermann

At Music Lan the artist is king

Music Lan is situated in the rural Spanish countryside, but has nevertheless provided the recording scenery for some of the finest musical achievements of the recent past. The sound studio's high-tech facilities have been enjoyed by such respectable names as Franz Ferdinand, SuperFurry Animals, Mariah Carey and Die Toten Hosen – attesting to the great diversity of the audio recording section and the exclusive recreational facilities, for which Music Lan is especially illustrious.

Exactly because of the various music genres that are being recorded at Music Lan, the studio was looking for a system of monitors that were able to reproduce all types of music in the most neutral and transparent manner. Sound Engineer Jordi Solé from Music Lan had already experienced excellent results with Dynaudio Acoustics' M-2, and after reading a couple of good reviews of the AIR Series, he made up his mind. Music Lan now has five AIR 6 monitors and one AIR Base-2 in a complete 5.1 surround setup.

Jordi Solé particularly emphasizes the versatility of the all the



Jordi Solé

AIR features and the possibility to instantly recall them. The acoustic precision of the AIR Series completes the picture of a monitor system that is applicable to all types of studio work. "And that's why we got them", Jordi Solé adds up Music Lan's affinity for AIR.

S-TV relies on AIR

In order to equip their new OB van with a professional multi-channel set-up, the TV production company S-TV chose "Dansk Lyd og Lys" as supplier of an AIR 6 system consisting of three AIR 6 master, two AIR 6 slave speakers, and one AIR Base 1 subwoofer.

"It sounds ridiculously great!"

Eddy Ahlgreen, Sound Technician at S-TV, lists a whole array of reasons why he decided on the AIR 6 system – the primary being the most simple, as well: "It sounds ridiculously great!" His more technical arguments are based on the sheer wealth of features in this system.

"First of all, the system has both analog and digital inputs. Furthermore, it is easy to install utilizing the TC-link with RJ45 cables. What I particularly like about the AIR 6s, however, is that they are compact – meaning that they deliver extremely high performance, when you take into account their rather small size." Eddy Ahlgreen calls special attention to the AIR remote, which he describes as a both sturdy and convincing tool featuring all the necessary functions, but without the obvious resemblance to a "space station".



A look inside an OB van

"It is pretty impressive, that you can have a high-performing and harmonious THX-certified system with five active satellites, and one active subwoofer together with hard- and software remotes - not to mention all the other features – at such a price", Eddy Ahlgreen sums up the benefits of the AIR 6.

AIR stories in French

"...The right stereo choice for an amazing sound."



Stephane Plisson, Music Mixing Engineer at Ty-Houarn Studio uses two AIR 20s and two AIR Base 2s. His verdict reads as follows: "The right stereo choice for an amazing sound."

"A very precise image and a really flat frequency response..."



Monsieur Poussin at D.E.S. Mastering Studio for DVD/SACD uses a 5.1 AIR 6 system with two AIR Base-2s and a pair of AIR 20s in stereo:

"A very precise image and a really flat frequency response are the two essential elements in mastering."

"The result is perfect for DVD..."



Vincent Arnardi, Mixing Cinema Engineer, is using a 5.1 AIR 6 system for the DVD version of the new Michel Vaillant movie in the Luc Besson facility in the French Normandy. "The result is perfect for DVD because I didn't have to modify the original mix that I previously did for the movie. It sounds really great"

"I've never heard a phase alignment like that"



Philippe Avril of Tex Avril Studio is using a 5.1 AIR 15 setup with an AIR Base-2 sub for mixing music and movie music "I've never heard a phase alignment like that", he recounts enthusiastically.

"...clear, precise, dynamic..."



Lionnel Haidant of Timing Show Studio is using a 5.1 AIR 20 setup with an AIR Base-2 for mixing music and movies in surround. "The AIR monitors are clear, precise and dynamic, which is a great benefit when you do mixes in 5.1, and together with the System 6000 from TC Electronic you have the ultimate equipment."

Swiss art school "surrounded" by AIR 15s

The multimedia wing of the "Hochschule für Musik und Theater" in Bern, Switzerland, unifies a sound studio, several recording and training classrooms, and a central control room. The various functions of the facilities include tonal experiments and, most importantly, recordings of every thinkable kind.

The studio section also houses multi-purpose facilities and several training class rooms, that were flexibly designed for classes, smaller events and performances such as movie/video presentations or interactive installations. For the acoustic irradiation, two complete 5.1 AIR-15 systems with AIR Base 2 subwoofers come into operation.

Thomas Wenger from Swiss audio company J&C Sonic AG was in charge of installing the AIR-Series at the "Hochschule für Musik und Theater" in Bern. He sums up the benefits of the Danish made studio monitors: "Solid stand constructions allow for a swift relocation and provide the AIR 15s with the necessary protection during live events. Due to the usage of both the analog and the digital inputs, the students are able to play back their projects directly from their laptops."



"Hochschule für Musik und Theater" in Bern, Switzerland

And the lecturers at the Hochschule are equally enthusiastic about the straightforward handling and operation of the AIR-Series, and have additionally aligned the educational materials to this system. No wonder, that the two surround systems are constantly booked for the every-day-use during exhibitions at the Hochschule.

AIR wins another broadcasting tender

In the course of 2004, Dynaudio Acoustics once again proved that the award-winning AIR-Series ranks among the best high-end studio monitors in the world. After a comprehensive tender round and an extensive selection procedure, the Danish Broadcasting Corporation chose to order more than 500 AIR monitors for their new multimedia house, DR-BYEN in Copenhagen.

"The AIR Series gives us the best possible alignment to the many different sized facilities of the future DR-BYEN - right from the 10 m² stereo speech room to the 50 m² surround sound control room used for the concert hall. The users are going to experience the best equivalence between the different AIR models", states Søren Henningsen from Danish Broadcasting Corporation, and adds: "The exceptional calibration software of the AIR Series, based on TC Link network communication, gives us unique options in terms of assigning each monitor set to the exact facility, in which it is to be used. The advanced calibration possibilities, such as individual delay and extended Bass Management, allow us to eliminate the downside of a not correctly balanced surround installation".

DR-BYEN will be finished in 2006, and it is going to be a top-notch multimedia house, designed to bring the Danish viewers even better programs, and more to choose from.



A main reason for the AIR-Series being chosen among a considerable number of rival monitor brands, was the digital networking and the digital in- and outputs.

John Frizzell made a sound decision

Renowned Film Composer John Frizzell uses a Dynaudio Acoustics AIR 20 and AIR Base-2 5.1 monitoring system in his Pacific Palisades, Californian studio. His credits include work on

"I fell in love with the sound and then I realized the technology was a perfect fit"

feature films such as "Alien Resurrection", "Beavis and Butt-Head Do America", "Office Space", "I Still Know What You Did Last Summer" and "Gods and Generals" – just to name a few.

First and foremost John chose the AIR 20s based on sound. After A/B tests John felt the AIRs were more precise in the low mids and provided greater clarity, especially important when working in 5.1 with orchestral scores where a sense of space and positioning is critical.

"I fell in love with the sound and then I realized the technology was a perfect fit", stated John.

John prides himself on his bold technique in which his studio plays an integral part. "I aim to keep the studio on the cutting edge," explains John, "using the technology available to create not only the best, but simplest environment. Working completely



John Frizzell

in the digital domain, the only D to A conversion is in the Dynaudio AIR speakers just prior to generating actual sound pressure."

John Frizzell also highlights the AIR remote control as a critical part of the monitoring system. "It's so simple and tiny, an elegant solution, especially considering my prior configuration which used a complete digital mixing console just to control monitor level."

Skylights and AIR monitors at Mixopolis

Mitch Raboy, a 25-year veteran of the New York audio post production scene, is a partner in Mixopolis, a new audio post production facility in Midtown Manhattan. Located on the top floor of a seven-story building half a block away from the north entrance to Grand Central Station, Mixopolis offers its clients a spacious living room setting with skylights and two record/mix rooms and one sound design room as well as the ultimate in customer and recording services.

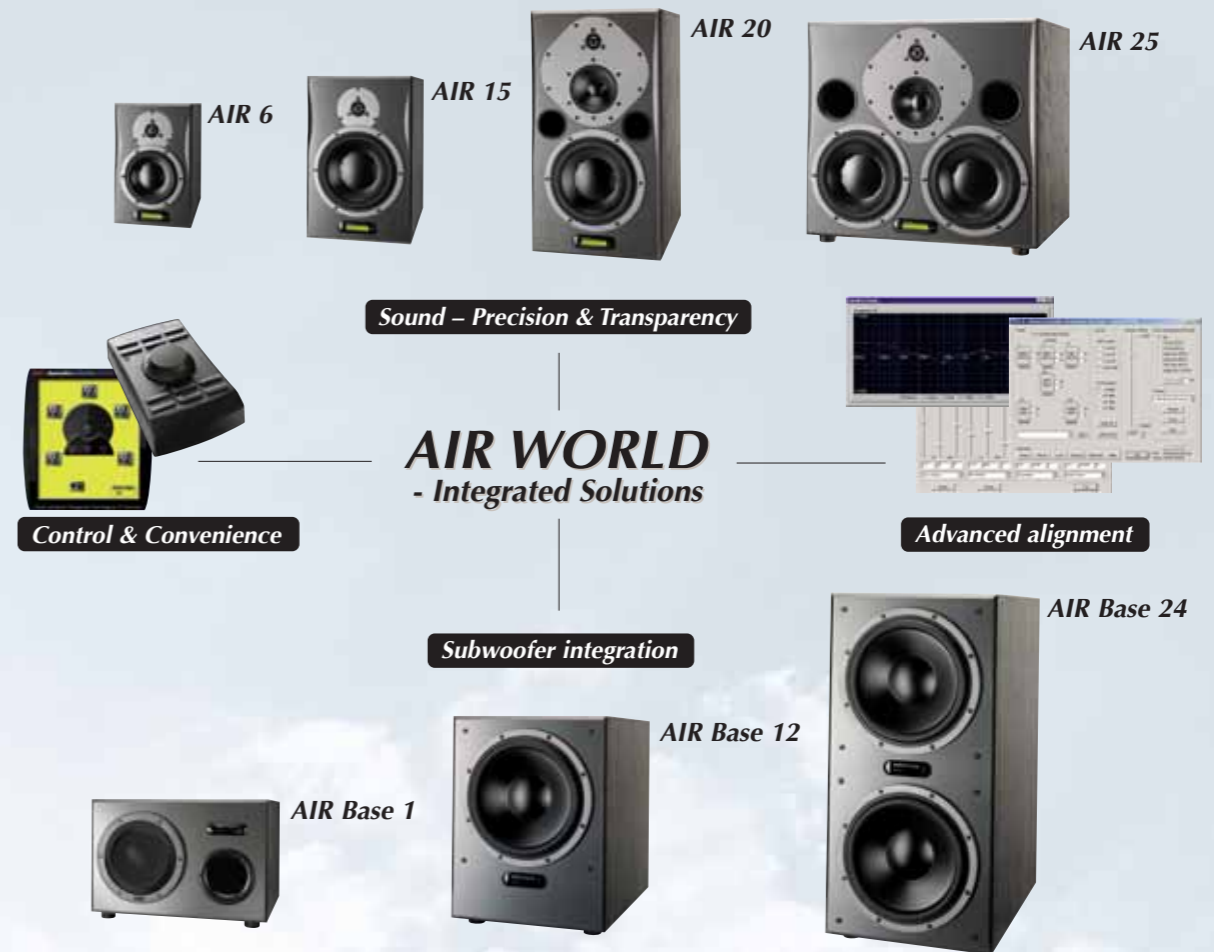
"...they sounded great right out of the box"

Mitch Raboy explains how the AIR Series has become an integrated part of the facility: "We chose AIR 6s and an AIR Base-2 for 5.1 monitoring in both of our mixing rooms. We listened to many other monitors—these sounded great right out of the box. Analog and digital inputs, internal bass management, parametric EQ, recalling presets from the remote – these are all really great features. Fine-tuning these systems is a snap. They are the best sounding monitors we have ever worked with."



Mitch Raboy

Throughout his career, from Bell Sound Studios, to Aura Recording, Soundmixers, Superdupe and now Mixopolis, Mitch Raboy has recorded everything from records to jingles, spots, promos and longform for major advertising agencies, broadcast and cable networks including ESPN, Saatchi&Saatchi, ABC Sports, Y&R, Lowe, BBDO, Comedy Central, TBWA/Chiat/Day.



Today our speaker technology and monitor solutions stand as the apex of the industry. With the unique software and networking possibilities inherent in the AIR Series, we can proudly say that you won't find a more versatile monitor solution anywhere else...

Don't take our word for it, trust your ears - call now to arrange a demo in your facility!