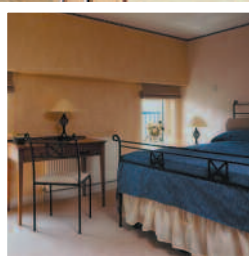
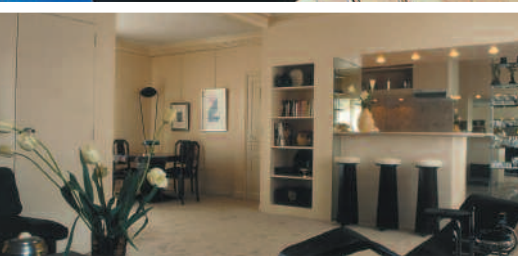


multi-room home entertainment systems  
audio visual solutions

Planning, design & installation

National service for housing developers



## Meet Consumer Demand

Multi-Room Entertainment is now becoming 'the' aspirational purchase that a 'stylish kitchen' or 'luxury bathroom' was in previous years.

Luxury home entertainment is, for many people, a modern lifestyle expectation that increases the attractiveness of a new build or pre-built property. Consumers value this 'press and play' entertainment which is within their personal control and always available.

### Scalable & Flexible

SAS offer complete audio visual and control systems for pre-cabled or uncabled houses, from simple to comprehensive and in a wide range of specifications from budget to luxury.

### Single Source Music

Listen to, and control, the same music source (radio, CD, MP3 etc.) around the home and connect additional audio sources in individual rooms - all in stereo through modular, in-ceiling, speakers.

### Multi Source Music

Listen to and control up to six different music sources around the home. For example radio in the bedroom and CD in the bathroom and connect additional audio sources in individual rooms - all in stereo through modular, in-ceiling, speakers.

### Multi Source Music and Video

Listen, watch and control up to six different music or video sources (CD, Radio, TV, DVD, Video and Sky) around the home and connect additional audio sources in individual rooms - all in stereo through modular, in-ceiling, speakers.

### Home Cinema with Surround Sound

Real cinema in the comfort of the home in full surround sound, screens up to 3 metres wide and a choice of viewing methods LCD, Plasma or front/rear projector systems.

### Lighting Control

Integrated lighting control provides full control over the entire home entertainment system. There are various options including single room and multi-room or add Contact Closure Services to close blinds, curtains and even security gates.

### CCTV Security

For the security conscious we can integrate a new or existing CCTV system into your Home Entertainment System. They can see their property on specific screens, all screens in the home or on Internet Broadband whilst away from the home.



## Increase Your Revenue

Offer the option of luxury entertainment.

Just as luxury bathrooms are valued as 'bathing experiences' our Home Entertainment systems are seen as true 'lifestyle entertainment' - discrete, non-intrusive and controllable. They are an added luxury that will help turn prospective buyers into purchasers and increase developers revenue.

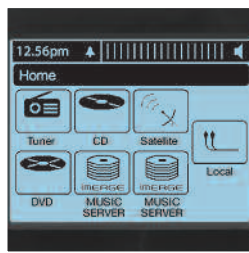
With an SAS system users can enjoy the luxury of instant control of the sights and sounds in their home. Our systems are box-free with only discrete wall plates and ceiling speakers as the outward visible signs. This ensures that room spaces are available to enjoy - free from wires and clutter.

### Planning & Installation

SAS work with developers and architects, often from drawings stage, to develop specifications for entire housing developments or for single homes. Our systems can be tailored to your exact budgets and our full-range installation service will leave nothing to chance.

### Key Features

- Modular systems in a wide choice of specifications
- Music, TV and movies in up to eight rooms
- Discreet wall sockets and sensors
- Unique in-ceiling amplified speakers
- Power-efficient consumption
- Single source or multi-source audio and video
- Mono, stereo or 5.1 cinema surround sound
- Simple or sophisticated remote control
- Touch screen keypads
- Optional lighting control
- HD ready wiring



# Stand Out from the Crowd

Install SAS Home Cinema and provide wide screen entertainment, with surround sound, in any room of your houses.

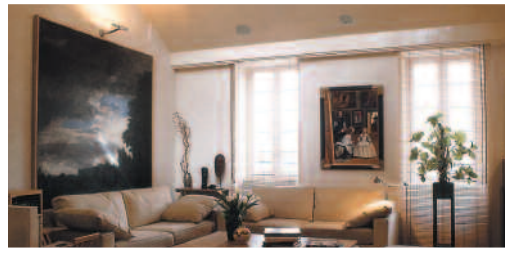
SAS systems provide a real cinema experience with both high fidelity sound and a large display with High Definition TV or projection system. Our systems take up very little room space and our 5.1 surround sound, for example, is transmitted through discrete in-ceiling speakers.

## Integrated Systems

Our Home Cinema can be integrated into a new or existing SAS entertainment system and it could cost less than a similar specified, high end system. It will provide a superior experience and be box and clutter free. Films, drama and sport, which are usually optimised for surround sound, will all come to life on our large screens as wide as 3 metres. Our audio systems provide surround sound with full range and base speakers capable of handling those all important low frequency movie effects.

## Total Home Cinema

For the true Home Cinema enthusiast we can design dedicated rooms - with additional features to resemble an actual cinema such as a projector enclosed in a booth. These more advanced installations can often include sophisticated acoustic elements and additional speakers.



## Highlight Your Advantage

Install the emerging HDTV technology now.

We regard High Definition TV (HDTV) as the doorway to an awesome new dimension and the biggest revolution since the introduction of colour. It brings significantly more visual information onto the home screen and the viewer is drawn more into the action by the enhanced, sharper, near perfect picture experience.

SAS provide a complete package for true High Definition viewing which consists of all three elements:

### HD Ready Screen

The HDTV screens we install provide more than twice the resolution of analog television with significantly more detail, crisper pictures and smoother motion in moving images. The Wide Aspect Ratio (16:9), is much closer to the human field of vision to give enhanced and relaxed viewing.

### HD Ready Device - with subscription

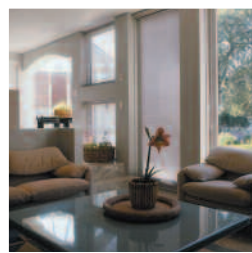
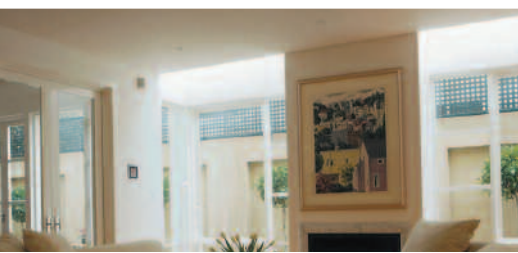
Sky is, presently, the most common way to receive HD programmes with a channel list that includes - One HD, Sports HD, Movies HD and Box office HD. Other alternative HD devices include - Blue Ray Disc Movies, compatible PC's and camcorders and some games consoles.



All these devices will provide Dolby 5.1 Surround Sound output for Cinema Style Audio.

### HD Ready Connection Leads

For trouble free connection we supply compatible leads (YpbPr, DVI, HDMI etc.) and, for those who prefer multi-output HD, a splitter box. We can also pre-wire with HDMI cable for those who value future proofing.



## Worry Free Installations

SAS surveyors and installers will deliver a responsive and skilled service that will enhance your development.

Our installers and surveyors will recommend the right system, install the wiring into new-build or pre-built, configure luxury touch screen control systems or plan, install, test and commission ready to play systems.

### Customers Existing Hardware

Our modular systems are designed as a plug and play product that is compatible with almost all Hi-Fi products without the need for expensive programming. Customers can simply plug in their hi-fi into an allocated wallplate and immediately hear and control their system throughout the house.

### New Wiring

Cabling is typically installed at the first fix stage of new house electrical wiring, either by one of our installers or, under guidelines or supervision, your own electrical contractor. Using CAT-5 wiring ensures that pre-wiring is achieved at low cost and with least fuss.

### Pre-Cabled & Part-Installed Wiring

We install and design the system layout and ensure that the speakers, keypads/touchpads and sockets are in appropriate positions so that we can then pre-wire accordingly.

### Sound Travel & Fire Safety

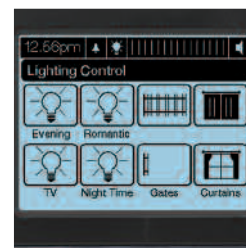
We employ state of the art acoustic and fire resistant hoods which not only meet the fire regulations but also conform to sound insulation requirements as well.

### Warranties & Guarantees

SAS provides a one year warranty on all its products and installation work and we will honour any additional manufacturers warranties that exceed that period.

### Enquiries, Estimates & Site Surveys

Our service is available nationwide and, for ease of ordering or information, you can make any enquiry through our head office.



## Sales Information

Additional explanations of our systems - to help you differentiate the presentations of your properties and to aid optional selections for overall house price.

### Input Sources

With a plug-and-play SAS system the choice of inputs is broad - CD, MP3, Music Servers, DVD, satellite sound or PC. From these sources you can distribute your choices independently - to different rooms and all with individual control.

### Music Systems

Using our specially matched amplifiers and drivers our system delivers hi-fi quality sound from ceiling speakers over cable runs up to 50m. Alternatively conventional speakers can be used via the unique Zone Amplifier Module.

### Home Cinema

In the absence of a projector system Home Cinema can be accomplished with a wide screen television, a DVD player, our 5.1 decoder and surround sound ceiling, or floor, speakers.

### Wide Screen Television

Wide screen television increases viewing pleasure tremendously. It brings the benefits of Home Cinema and the pleasures of viewing broadcast TV in near perfect conditions. Such screens are becoming 'the' TV of choice in the modern home.

### HD Ready

SAS TV systems ensure the widest compatibility with cable, Sky and terrestrial transmission. HDTV can be either 1280pixels x 720 lines progressive or 1920 x 1080 lines interlaced. It will be in wide aspect ratio (16:9) and allow the connection of a HD device via analogue YpbPr, digital DVI (Digital Video Interface) or HDMI (High Definition Multimedia Interface) connectors. Screens carry the HD logo.

### LCD & Plasma

Both LCD and Plasma are as thin as you could hope for with the thickness of screens being as little as 75mm (3") and no more than 125mm (5"). Plasma is known for its wide colour range and that 'perfect black' - so desirable by those who enjoy films at home whilst LCDs are renowned for their sharp picture and vibrant colour.

### Home Theatre Projectors

Home Theatre projectors are usually 'front projectors' that are ceiling mounted or placed on a shelf at the back of the room. The image (16:9 aspect ratio) is projected in fully darkened rooms onto a static, or drop down screen or onto a 'rear screen' setup.

### Remote Controls

Infra-red (IR) pass-through, built into the keypads and ceiling speakers, enables control of the sources connected to any zone, using the appropriate handset, touchscreen etc.

### Additional Control

The integration of the SAS system will allow the control of lighting, motorised blinds, curtains and security gates. Lighting control offers pre-set scenes appropriate for each social or entertainment situation.

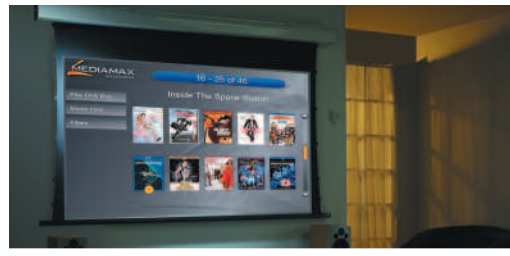
### CCTV Security

The interior and exterior of properties can be viewed by the owner whilst at home or away, on specific screens or on all screens in the home.



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SAS has, for over 15 years, specialised in the design and installation of both professional and domestic entertainment systems. We have wide experience in the entertainment industry including clubs, hotels, sports bars and in the design and installation of home systems for both new and existing housing.

Our established network of operatives covers the whole of the U.K. and our nationwide coverage provides a responsive and skilled service.

All enquiries, estimates and booking of site surveys can be arranged through one central resource at our head office in Liverpool. You will find us responsive, informative, knowledgeable and passionate about the best solutions for multi-room Home Entertainment systems.

**Paul Oakes**  
Sales Director

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