



Product & Service Guide

About

"A welcoming, friendly, informative experience. I will certainly use you again"
Mr Serls TN4



The Satelite Shop was established as Dishlink in 1989 with the launch of Sky in the UK and increase in demand for satellite dishes. Since then the business has grown in size and we now offer a much larger range of products and services to our valued customers. Our installation service covers a relatively local 20 mile radius from our shop in Southborough. We also have a van franchise that covers the Medway and Maidstone areas.

We have served thousands of customers needs in that time, we pride ourselves on the service we give and most of our business comes from existing customers and recommendations. See our website for over 500 positive testimonials some of which have been included throughout this guide.

Our service has the convenience of dealing with all your needs in one place. We give our own 2 year parts and labour warranty with all of our installations.



We explain, We Deliver, We Install

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We hope you will get to know us !

Our salesmen Andy, Henry and Karl will take your call or serve you in our Southborough store

Our installers Mick, Mike and Jeremy will take care of the installation in your home.

Phil (that's me) in the back office and Andrea in accounts doing the boring bit.

Contents

“Clear, impartial advice and information from a professional engineer
who gave me confidence”

Miss J Tuffin TN3

We don't list many specific products and prices in this brochure. It is a guide to help you research and hopefully understand what is available. If you don't understand anything please let us know.

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"It was a pleasure dealing with a company that acted very professionally and kept its promises"

Mr Griffith NP18



The Basics

Sky broadcast TV channels via the Astra2 satellite across the UK, Ireland and parts of Europe. You need a dish facing the satellite and a receiver that links to your television. Sky is a subscription service in the UK with options to pay for different TV channel packages and optional broadband and telephone services packages. Sky also have a subscription 3D channel. A viewing card inserted in the receiver from controls the subscription.

Sky receiver options

Sky now have two main box options:

High Definition non-recording box
Single tuner for SD and HD channels.
Ideal for use as a multiroom receiver.



High Definition recording box
Twin Tuner for recording 2 channels at the same time.
500gb and 1TB hard drive options.



Equipment and install costs

Prices will vary depending on whether you are a new Sky subscriber or an existing customer upgrading and subscribing to the Sky HD package. Deals vary from time to time, we will run through the options in-store.

Subscription

Sky subscriptions start from £19.50 per month for the most basic package. There are extra charges for movies, sports, HD and multiroom packages. We can calculate all charges when you decide on which services you require.



Broadband and Talk

As a subscriber to Sky you are entitled to Sky base broadband package FREE when you take Sky talk at £5 per month, You still have to pay line rental to BT or Sky and there are a selection of enhanced broadband upgrade options.

Broadband & Talk



"I would not hesitate to go in your shop to ask questions even silly ones, as am a natural blond and way behind the times. A very happy customer!"

Mrs Coppock TN4

Sky Multiroom

We get a lot of confusion over the term "multiroom". There are two types of multiroom system.

1 - A system where separate receivers are used at each TV point so that each point can watch independently. This requires a Sky receiver and multiroom subscription currently costing £10 per month for the main package and £10 for the HD channels.

NOTE: It is also a requirement that all boxes in a Sky multiroom system be connected to the same working telephone line. This is to prove to Sky that they are being used at the same address.

2 - A system where the signal from one receiver is fed to multiple televisions so that the same channel is shown at the same time on all sets. It is possible to control the receiver from each point using a device called a magic eye.

NOTE: You can combine both types of system. For example you can combine two receivers to feed separate screens so that each screen can see and control both boxes using a device called a sky combiner. It is also possible to combine Sky and Freesat (next section) receivers on the same multiroom system. Consider that each box requires cabling from the dish and to any distribution point.



Installation

The Sky dish has to face the Astra 2 satellite at 28 degrees east of south at an elevation of around 25 degrees from level. Dishes can be installed on walls, chimneys (subject to access and an extra charge) on poles in the garden or on outbuildings etc. The Satellite Shop offers the flexibility you wont get from using Sky direct. We always do our best to install dishes as discreetly as possible and discuss prior to installation.

We have long ladders for high access and can arrange for a cherry picker to gain access to awkward areas at a reasonable cost.

All cabling will be run as neatly as possible following the contours of the house and utilising down pipes to conceal etc.



"We would recommend you to others"
Mr E Wood TN13



Accessories

These are the most popular Sky accessories and extras.

LNB

This is the component that fits to the Sky dish and processes the signal to the receiver. Quad(4 Way) and Octo (8 way) versions are available. For more feeds a satellite multiswitch must be used.

Standard receivers require 1 LNB feed

Recording boxes require 2 LNB feeds



Stackers Sky + receivers require twin feeds from the dish and sometimes it is impossible to run the extra cable. Stackers allow twin feeds down a single coaxial cable.



Global Plus combiner

Allows up to 4 sky receivers to be connected to multiple Tvs via TV link distribution amplifier and be controlled by magic eyes independently.

TV Link

A range of 2, 4, 8 and 16 way RF distribution amplifiers that are fed from a sky box to connect extra TVs and allow I/R bypass.



Magic Eye/Spare Remotes

Allows control of a Sky box from a remote tv location by sending IR commands back down the cable to the box.



Wireless phone extenders

A phone line is required for every receiver when using Sky multiroom. Its not always feasible to run cables.



Sqish

If you don't want a satellite dish or are constrained by planning then a sqish may be an alternative option. As you can see from the picture it is less obtrusive than a dish and can be camouflaged with additional sticker. Available in single or quad LNB versions.



"Having been let down by the Sky Installation Team following poor information from the Sky sales person. I went to The Satellite Shop whom I was going to use first of all. I should have gone with my instinct. Brilliant service"

The Basics

Freesat is a joint venture from the BBC and ITV and is an alternative to terrestrial Freeview. There are around 150 free channels that are broadcast from the Astra 2 satellite, the same satellite that broadcasts Sky. You need the same dish that is used for Sky and a Freesat satellite receiver. Freesat uses a different EPG (electronic programming guide) that only shows the free channels available. You cannot upgrade and subscribe to any services as there is no slot for a viewing card. Freesat HD receivers can now access BBC iplayer if connected to a decent wired internet connection.



Mr Akehurst TN2

Receiver options

There are several way to get Freesat:

SD Receiver

Standard definition basic, great for kids rooms or kitchens etc

HD Receiver

High definition model has improved connections for HD and Audio.

HD+ Receiver

High definition with hard drive for recording

NEW HD+ Receiver slingbox

A HD receiver with hard drive and a inbuilt Slingbox allowing access to content via the internet on a PC, iPhone, iPad, Android etc.

Integrated

Freesat HD now comes integrated in some televisions.

Panasonic, LG and Sony have integrated screens.



Multiroom

You can use any combination of receivers assuming you have adequate feeds from the dish (see Sky LNBS P6)

If you want to distribute one Freesat receiver to multiple TVs then you will need a device called an RF modulator as no Freesat receivers come with integrated RF outputs at the current time. Freesat boxes don't require any phone line connection for multiroom.

Installation

The basics are exactly the same as Sky see P5

"Quick and simple service. We phoned and asked for a quote, someone came round and gave us a quote. We booked a time for the work to be done and it was all done painlessly!"

Mrs Morris TN4

The Basics

There are lots of different satellites broadcasting over Europe that carry a massive selection of TV and radio channels. Lots of the channels are free and lots form part of channel boquets. A boquet is a selection of channels offered as part of a subscription package. The free channels are available on any compatible satellite receiver. Boquets are only available when using the correct viewing card or sometimes by alternative methods such as card sharing. Card sharing is an unofficial method of unscrambling channel boquets. It is actually illegal and although we sell compatible receivers we are unable to offer technical support. We sometimes have access to official viewing cards although they are expensive. Some users obtain their own official subscriptions via the country of origin where they can register at an official address.

Types of system

There is a free to air solution for most languages although the kit may vary in terms of dish size etc. We sell three main types of foreign channel system.



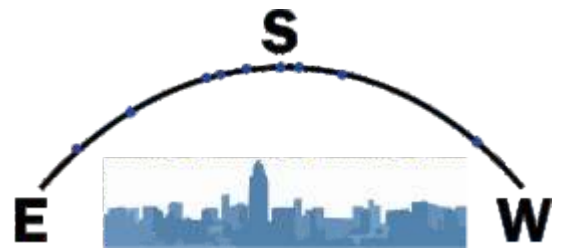
Fixed dish system - A single dish facing one satellite.

Fixed Multisat system - A single fixed dish facing several satellites with offset focal points (see image)

Motorised Multisat system - A motorised dish that moves between satellites.

Installation

Satellites broadcast in an arc and the dish has to be the correct size to receive a signal. A direct line of sight is essential. Our engineers use the Satpointer app available on iphone that uses augmented reality to ascertain correct line of sight. Ideally we need to survey to work out what brackets are required.



Using a multifeed or motorised dish system can be a lot of fun and we have many enthusiast type customers with systems.

"Very good and won't go anywhere else. Bought 3 complete systems already"
Mr J R Shoesmith TN35

Popular foreign channels systems

There are specific channel packages and satellites for particular language channels. These are some of the current packages available:

French

The TNT package is the French equivalent to Freesat and includes a receiver and viewing card to receive the French national digital channels. The channels broadcast via the Astra 1 satellite.



Italian

The TIVUsat package is the Italian equivalent to Freesat and includes a receiver and viewing card to receive the Italian national digital channels. The channels broadcast via the Hotbird 13e satellite.



Spanish

Free to air channels come via the Hispasat satellite and Hotbird 13e.



German

There are dozens of national and regional channels available from the Astra 19 and Hotbird 13 satellites.



Turkish

The Turksat satellite carries most of the Turkish channels, some free and some scrambled.



There are channels available for the majority of languages using a dish across the UK. Let us know your requirements and we will work out what is required. Multisat dishes can receive a combination of different language channels.

Alternatives to Sky

We get asked a lot if its possible to get the same channels that are on Sky using a foreign channel system. Basically all foreign boquets are similar to Sky in that there will be movie and sport channels. They may be available via illegal card sharing systems, be subject to frequent interference in transmission and more often than not the soundtrack will be foreign language. Obtaining an official card will usually be far more expensive than subscribing to Sky.

Foreign TV

Good shop with sound advice especially with motorised sat systems. Most shops don't want to know motorised systems.

Mr Figg RH11

Foreign channel receivers

There are many manufactures of receivers and we keep most popular models. These are the main categories:

Basic free to air

These are able to receive any free to air channels and usually have basic features.



Free to air with card and/or cam slots

These receivers can accept official viewing cards and have cam slots for other encryption methods. They often have a USB socket for recoding onto hard drive.



HD Receiver

Same as above but with High Definition tuner.



HD Receiver with hard drive recording

These receivers have integrated hard drives, usually twin tuner, to allow recording from two channels simultaneously. They will have card or cam slots as standard.

Top end receivers

These are HD with multiple tuners (Satellite and terrestrial) media networking functions and are able to be linked to the internet.



Card sharing

There are card sharing models in most of the categories above.



IPTV

There are also a new category of receivers that receive channels via the internet. They rely on a high bandwidth connection and are expected to grow in popularity as internet speeds increase.

Multiroom

It is possible to have foreign channel receivers in multiple rooms depending on the type of systems and satellites required etc. It usually requires multi output LNBS and multipoint disecq switches to do so. Most European receivers have RF outputs so the same signal can be sent to other TV sets.

Excellent service. So good that I even thought "this cannot be true!"
Mrs Clark LS14

Satellite dishes

The dish collects the signal from the satellite. The power of the footprint from the satellite determines how large a dish needs to be to receive a good signal in a particular area.



Diseqc/USALS

Means digital satellite equipment control and they are basically protocols for controlling LNB switches and dish motors down one coax cable.



Usals

Means universal satellites automatic location system. It utilises software in receivers to automatically align motors to satellites in the arc based on the geographical position that can be set by the user.



Meters

We sell signal strength meters to align dishes.



Enthusiasts

We sell all the components required for DIY installation and we are happy to give technical help to those wishing to install a system. Its great fun !!

LNB

The Low Noise block is where the signal from the dish is focused and processed to the receiver. LNBs come in single, quad and Octo format. There are also multifeed LNBs and Multi LNB holders that allow multiple satellite reception from a fixed dish.



Motors & Mountings

We sell a range of dish motors and mounting brackets to suit most requirements.



Cards & CAMs

We sell official viewing cards for selected channels, languages and genres.



Extenders

Remote extenders for infra-red control of equipment from another position.



"It was obvious the installer was knowledgeable and we will use his recommendations regarding our dish"

Mr Pratt TN2

The Basics

The choice of flat screens can seem daunting, what size? what type? HD Ready? Full HD?

Types of screen

Plasma

Plasma was the first technology to appear in the flat screen market and, in our opinion, still offers the best value when compared to LCD and LED screens. Plasmas tend to have a better contrast ratio which means whites are whiter and blacks blacker. The disadvantage is that they are heavier, the panels are made from glass which means they are relatively delicate and they are not as thin as the new LED screens. Plasma is only available in screens from 37" upwards and its generally accepted that large Plasma screens currently perform better than large LCD/LED screens.



LCD

LCD screens were generally only available in smaller sizes that are not available in plasma format. They have recently gotten larger and definitely better quality in the more expensive models. They are lighter than Plasma and the screen being liquid crystal isn't as fragile. LCDs are thinner than Plasma but not as thin as LED.

LED

LED screens are basically the same as LCD in terms of technology except the traditional backlights have been replaced by smaller LED lamps. This means that a more uniform light level is achieved and a better overall clarity. It also means that the screen can be made thinner and lighter. There are edgelit and full backlit models with the latter giving a more uniform brightness. LED screens are also more energy efficient using up to a third of the power of a plasma screen.

HD Ready - Full HD

Manufacturers usually have entry, mid range and top end models. Usually the mid-range models offer the best value for money.



Some cheaper screens state that they are HD Ready. this means that they are compatible with HD equipment (Blu-Ray & set top boxes etc). Most screens are Full HD which means that the resolution of the screen is higher and in theory give a higher quality picture.



Flat Screens

"Appointment given within a few days and once agreed what was needed installation was in less than a week. Prompt courteous and to date problem has been solved with politeness and efficiency"

Mr Diamond TN9

Common Features

Freeview / Freeview HD The vast majority of screens have Freeview tuners built in some also have Freeview HD tuners although not many transmitters actually broadcast HD channels as yet.

Freesat HD Selected makes and models of screens also have Freesat HD tuners built in.

HDMI Inputs Most screens have multiple HDMI inputs allowing connection of set top boxes and bluray players and other devices



DLNA Many screens now have network connections that are DLNA (digital living network alliance) approved meaning that the screen can be networked with other devices in the home enabling media to be shared.



3D Some screens are 3D compatible for use with Sky 3D, Games consoles and 3D Bluray movies. There are currently two main methods being used:

Active - Polarisation 3D using glasses with polarised lenses

Passive - Frame sequencing with battery operated active shutter glasses.



Refresh rate An everyday television changes the picture at a rate of 50 Frames Per Second. Advances in LCD, LED and Plasma flat screens allow refresh rates of up to 600Hz. This means that fast moving images, such as sport and action scenes in moves run very smoothly with very little motion blur. When buying a new tv we recommend looking for a minimum of 100Hz.

Plasma's tend to have the best refresh rates due to the technology they use. Both LED & LCD normally have 100Hz on mid range models and 200Hz on high end models.

24P When a film is shot in Hollywood it is recorded at 24 frames per second. Some LED, LCD and Plasma's offer 24p playback. This shows the film as the director of the film wanted it to be seen. This is an excellent feature to aim for if you enjoy watching Blu-Ray and DVDs on a regular basis.



Flat Screens

"I dealt with Andy who could not have been more helpful both in keeping me constantly informed and explaining the process. I would definately recommend the Company and use you again"

Ms Heyde HA7

Choosing Screen Size

When considering the size of a screen a lot will depend on its position in the room and your personal preference. These are guidelines to help you make the right decision:

Distance

This chart gives estimates of recommended viewing distances to get the best from the screen. The closer to the screen you are the more distortion you will see, especially when viewing lower bandwidth transmissions on satellite for example. The quality of picture will vary between satellite, terrestrial and DVD, Blu-ray etc depending on the transmission bandwidth used.

You can adjust the distance when viewing HD transmissions as the quality of the picture is so much better.

You also need to take in to account positioning of the screen to ensure that light from windows or other sources doesn't cause reflection.

Size	Min Distance	Max Distance
19"	4ft	7ft
23"	4ft	7ft
26"	4ft	7ft
28"	4ft	7ft
32"	5ft	8ft
37"	5ft	10ft
40"	5ft	10ft
42"	6ft	12ft
46"	6ft	12ft
50"	6ft	12ft
55"	7ft	14ft
65"	8ft	16ft

Stands and brackets

Screens are generally mounted on stands or on the wall. Most screens come with pedestal mounts so they can be positioned on an stand. Some screens use the VESA (Video electronic standards association) standard so that mounting holes are ready to accept the correct mount. There are also a large range of universal wall mounts that fit the vast majority of screens.

Types of mount include TV stand with shelves, TV stand with shelves and bracket. flat to wall mount, articulated mount and ceiling mount.



Flat Screens

"I have no knowledge on technical things and everything was explained very well to me in easy terms without being patronising"

Mrs Ledlie RH10

Installation

One benefit of a flat screen TV is that it can be wall mounted.

Mounting options

There are flat to wall, tilting and articulated mounting brackets.



The Wall

Ideally the walls needs to be solid enough to get a decent fixing especially when using an articulated mount. If it's a stud wall then it may require fabricating with extra studs or a ply panel. We sometimes use chemical fixings if the wall is in particularly poor condition.

Cables

Cabling can be surface mounted, run in trunking or chased into the wall. We use a wall chasing tool that makes a tidy channel that can be filled sanded and painted after the cabling has been inserted. If you are re-developing then we suggest installing a conduit big enough to run cabling retrospectively. Often equipment is located away from the TV so its important to consider cable lengths and equipment control. We recommend you use a fused spur to power the screen rather than putting a power point behind the screen. Actual cables required will vary depending on the equipment installed.



Ceiling mounts

You can ceiling mount screens assuming you can obtain a good fixing and can find a route for cabling.

Screen Lifts

Motorised mounts allow screens to be mounted inside cabinets or in kitchen units so the screen appears at the press of a button.



External Housings

There are various options for installing screens outdoors in waterproof, vandal proof housings that are generally used in pub and clubs outdoor areas.

"I would recommend you to anyone. I found your staff to be very friendly and helpful. I am very pleased with my TV"
Mr Angel TN4

The Basics

There are television and radio channels broadcasting from transmitters across the UK. Currently there are analogue and digital programmes on most transmitters. Analogue is being phased out across the UK as part of the digital switch-over process. Signal varies in different areas as the transmitters operate at different power levels and the signal is affected by terrestrial factors. When installing a new aerial to receive digital we always suggest you check your predicted reception on the Freeview postcode checker [online](#).



Digital reception

All new televisions have integrated digital tuners and have to be connected to an aerial to receive Freeview. In weak signal areas a high gain wideband is used to receive digital channels. We only use top quality benchmarked aerials in our installations.



Installation

Aerial upgrades - Sometimes we can utilise the existing aerial mounting and downlead if its in good enough condition. Our engineer will assess and advise.

New Aerials - Generally we install new aerial systems consisting of a new aerial, pole and bracket. We use varying types of bracket and lengths of pole depending on signal required.

Weak signal - If the signal is particularly weak then a masthead amplifier may be required. In some cases only limited channels are available. The power from the transmitters will increase considerably after switchover meaning less issues with weak signal. In cases where reception is limited, Freesat and Sky are the only viable alternatives.

DAB/FM aerials

DAB radio reception is becoming more popular and an external aerial should increase the amount of channels available. We still install FM aerials for traditional radio reception.



Aerials

“Thank you Andy for the after service”
Mr Minter TN2

Multiroom

If there is plenty of signal from the aerial then a non powered splitter can be used to feed multiple TV points. The amount of points will depend on the signal but usually 4-8 points is feasible. If the signal is weak then a powered distribution amplifier can be used for up to 16 points.

Communal aerial systems

For large developments we would need to calculate the signal loss and design a system to suit.

Communal aerial and satellite systems

We install a lot of systems that combine signals in the same cabling so that multiple TV points can receive satellite (Freesat and Sky), TV aerial (Freeview) and Radio (DAB/FM). Again we would have to calculate what is required based on losses incurred in cabling and equipment. If foreign channels are also required then we can also combine 2 satellites in the same system.

Fibre optic

For developments requiring hundreds of points fibre optic is the way forward. There is virtually no loss over large distances and multiple services can be fed down one cable. The Global invacom system can provide DTT & 4 satellite feeds to up to 256 homes in a 5km area from one dish and aerial.



Receivers

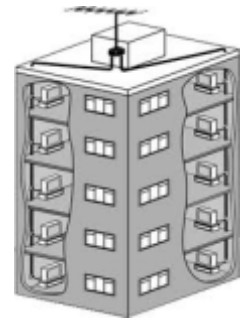
There is a range of receivers for Freeview as follows:

Freeview Basic entry level receiver

Freeview + Includes hard drive for recording

Freeview HD To receive high definition channels

Freeview HD+ Included hard drive and recording



Home Cinema

"All staff were very helpful and knew what they were talking about. The purchase and installation were excellent"

Mr Pidgeon TN10

The Basics

Here we explain the basics about Home Cinema systems. We go into more detail about top end systems and components in our Digital lifestyle section.

At least half of the entertainment value of movies and games comes from sound. All home cinema systems have similar components that create a Dolby digital surround sound effect:

Left and right fronts speakers - for stereo and surround effects.

Centre channel - for vocal elements.

Left and right surrounds - for stereo and surround effects.

Subwoofer - Carries the deep bass effect complimenting the mid and top end from the speakers.

Left and right rears - Top end systems include an extra pair of rear speakers

Types of system

2.1 includes left, right, subwoofer

5.1 Includes left, right, centre, subwoofer, surround left and right

7.1 includes the above plus left and right rears.

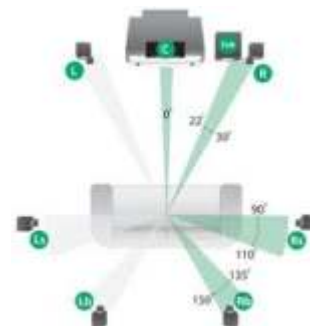
Entry level systems generally come as a package with the amplifier and speakers. Some include an integrated DVD or bluray player.

Mid range systems can come as a package but are generally bought as separates i.e an AV amplifier and compatible speaker pack. DVD, Blu-ray etc are then connected independently.

Top end systems will include a very high quality AV amplifier that will be connected to high end speakers. These systems may integrate with multi-zone AV systems and networks. More in the Digital lifestyle section.

Speakers

By and large speakers used in entry and mid range systems are either small satellite speakers or floor standing speakers. Top end options can include in-ceiling & in wall speakers.



Home Cinema

"Very good, down to earth, honest and helpful"
Mr Webster TN11

Home AV/Home automation

We go into more detail in our Digital Lifestyle section.



Multiroom AV

There are basic and sophisticated methods of distributing audio and video to multiple zones from splitting the speakers outputs on a stereo amplifier to a multi function home automation system. A lot depends on what you want the system to provide and your budget. If developing a property then it is vital that the correct cabling is installed at the right time, we provide advice for small or large systems.

Other products and services

HDMI Distribution. Sonos multiroom. Waterproof TVs. Outdoor speakers. Lighting control. Heating control. In-ceiling speakers. In wall speakers. Hidden speakers. Cat 5 networks. Projectors. Projector screens. Bespoke AV furniture. TV stands. Equipment racks. Wall brackets.



We supply systems for use in domestic and commercial premises. Hotels, Pubs, Clubs, Schools, Gyms, Offices etc.

Our installation procedure

We discuss your requirements and if necessary survey your premises.

We make our recommendations based on your needs and budget.

We prepare a clear equipment and labour quotation

Small AV Installs

We take payment for higher value or special order items with the order.

Balance paid on completion of installation.

Large AV Installs

We take payment for equipment with the order.

The installation may be undertaken in stages as follows.

First fix wiring, Second Fix containment, Final fix test and demonstrate.

Payments are usually taken at each phase with any balance on completion.



"You gave precise prices, were quick in quoting and service. We are very pleased with every aspect of our experience with you and have no hesitation recommending you"

Mr Steel DA4

Custom Installation

The term custom installation really applies to all of our installations as we tailor our systems based on your needs. Custom systems are usually designed and installed for new developments and refurbishments. .

What will you get from a custom installation?

A lot depends on your budget. You can install a very basic system for a few thousand pounds and we know of systems costing over a million pounds. Typically we deal with top end systems from £10k to £50k+.

A custom installation can provide the following:

- Centralisation of media for distribution to multiple points.
- Control of media from in wall controls or hand held devices.
- Speakers are mounted in ceiling, walls or can be hidden.
- Cinema room integration, projectors and screens etc .
- Systems can incorporate external speakers and screens etc.
- Integrate CCTV, phone systems and door entry controls.
- Bespoke cabinets and fabrication for equipment.

Installation

We begin by discussing and assessing your needs, we look at plans and/or survey the premises and provide an initial estimate. Its vitally important that the correct cabling is accounted for in the correct positions. Many multiroom audio systems use very similar wiring systems although some (Opus for example) use their own specific cabling. We always ensure that our cabling systems offer the greatest possible flexibility for future applications. Once agreed we provide an detailed quotation although we are flexible if requirements change during the installation process. We always discuss and agree costs with you before we commence with any work.

We generally work in phases and expect payment for hardware in advance and payment for labour at the end of each agreed phase.



Digital Lifestyle

"I want to use and support small local business - if they are available - I like personal service and prefer to deal with good people one knows and trusts"

Mr Boscawen TN12

Multiroom AV systems

Ideally you need some idea of budget before you start to look at options. We should be able to provide a ball park figure based on requirements.

Most popular multiroom manufacturers have mid range and top end options.

There are basic in wall controllers and LCD touch screen controllers. Most manufacturers have developed apps for hand held devices such as iPhone, iPad and Android etc.

Basically you need to decide where you want main zones for independent control of media and subzones that spur from a main zone. Subzones will have independent volume controls only. Each zone will generally require wiring from the centralised distribution point to the zone controller, the speakers, and the screen or AV amplifier (if used).

Media Servers

There are a number of media server manufacturers whose equipment is compatible with most popular multiroom systems. The more you spend the more storage space and processing power you get. Servers offer audio and video with some streaming media on demand via the internet.

Cabling

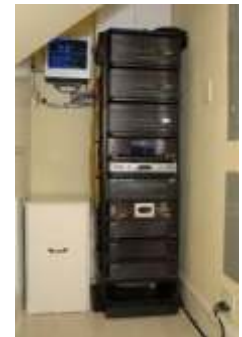
The route for the wiring system should be very carefully considered and ideally be located as centrally as possible with a route to each floor and ceiling in the house. Some multiroom systems use the same cable structures, some use specific cabling systems.

Racking/Equipment Cupboard

The distribution equipment needs to be in a well ventilated control room or cupboard ideally in a rack that can be easily accessed by the engineer for installation and servicing etc. Allow extra shelf space for future expansion.



Systemline touch screen
& Sub Zone wall controls



Digital Lifestyle

"We simply stated what our needs were and asked for what they would recommend. Your well informed and professional staff member explained all the options to us thoroughly, clearly and without pressing us. Our entire experience was very positive and we would happily recommend you"

Mr Newton TN5

Home Automation

Some multiroom systems allow for control of other household appliances and services such as lighting and heating / Air conditioning etc. Benefits of this kind of system include convenience, comfort, energy efficiency and security. Some lighting systems such as Lutron for example automatically alter light levels based on the amount of natural light available thus using less electricity when more natural ambient light is available. Mood lighting allows preset scenes to be programmed and selected at the touch of a button.

Home automation systems can integrate security, CCTV, control of blinds and curtains, plant feeding etc.

Traditionally these types of system have been for the wealthy. There are more affordable systems now coming onto the market. We see the home automation market growing considerably with the emphasis on convenience and energy efficiency.



More and more applications allow home automation system control from an iPhone or iPad touch screen.

You can have confidence in our products & services

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