

Positive Pulse

ELECTRIX

SMART SYSTEMS



Smart Lighting



Home Security



CCTV



Intercom Access Control



AV and Media Control



Wireless Control



Expandable

Home Automation

We at Positive Pulse Electrix have been able to develop and achieve communication and integration between several different high quality manufactures & products, which remains cost effective for the number of features offered.

Packages available in this system include:

- Lighting Control
- Alarm
- CCTV
- Intercom & access control
- Local area Network
- AV & Media

Expanded Packages:

- Multi-room audio & theatre
- AV media switching matrix
- Climate control
- Blinds, curtains & louvres
- Pools & spas
- Voice control Alexa, Google & Siri
- ...and more

The advantage of this system is that the house is still conventionally wired and useable. This system allows us to pre-wire for future installation or connect individual systems which can be installed, integrated or expanded at a later point, with each system maintaining independent functionality.

Positive Pulse has moved in this direction as we found that, within the market, there was a disconnection between client, electrician, integrator & programmer, making the whole home automation process an overwhelming experience.

By engaging in our service, we can alleviate the stress and make it an easy process with as little or as many enhancements as the clients would like; from conception to completion and maintenance, making PPE a **“one stop shop”**.

~ Home Enhancement Simplified ~



Lighting and Comfort Control

Energy and Efficiency

Want to use one button to set your alarm and turn off all your lights when you leave?
Use House Modes to set Home, Away, Night and Vacation routines

Want to turn the A/C before you get home?
ELAN and CoolMaster gives you remote access to your climate control.

Don't want to get out of bed to turn off that one light downstairs?
Pop open the ELAN app on your phone and turn off the light.

Hard day at work? Want to enjoy a hot bubbling spa ASAP?
With iAqualink and ELAN you can control your pool and spa.

Set the scene to automate your life: one button or scheduled
Morning Lights - turn on Hallway, kitchen & dining room lights and
open blinds at 7am, turn off lights two hours later

Keep Forgetting to water the garden?
Create watering schedules or create/control irrigation programs.

House getting too hot in summer?
Automate your blinds to close when the sun hits you windows

Security

Interfaces

Away on holiday? Kids home alone? Workmen in the yard?
Check on your house from anywhere in the world using your
phone. View live feeds to put your mind at ease

Worried about guests not understanding how to use
your home automation?
Your House will still work as a normal house and with
Wall Mounted touch screens, Hand Held Remote controls
and ELAN's intuitive interface, even your Grand-
mother can use it.

Dog barking at strange noises in the night?
Watch motion activated recordings with great night
vision to check you yard.

Hands full getting popcorn?
Tell Alexa. "Alexa, Marathon Time!"
- Have you lights dim, curtains close, TV turn on to
Apple TV and surround sound system set to ideal
volume, ready for your TV marathon.
*Popcorn not provided

Forgot to set your alarm?
Use your phone to set it from anywhere.

Kids always locking themselves out?
They can use their phone to unlock the door.

Intercom and Access

Music and Sound

Expecting a delivery?
Answer the door from your phone, talk to the
delivery man and let him inside, all the while
monitoring what is happening through your
intercom & CCTV cameras.

Want to have music playing all over the house?
Heos provides the ability to zone separate areas of
your house to play different music or grouped to-
gether to play the same great song all over.

Want surround sound but not another app or
remote?
Heos has sound bar, sub and surround capabilities
but also utilises the Denon AVR range for a full the-
atre system that works with the heos app.

Want to call the kids for dinner?
Using calling groups, ELAN allows you to call between
touch screens or smart devices using the ELAN app

Media and AV Control

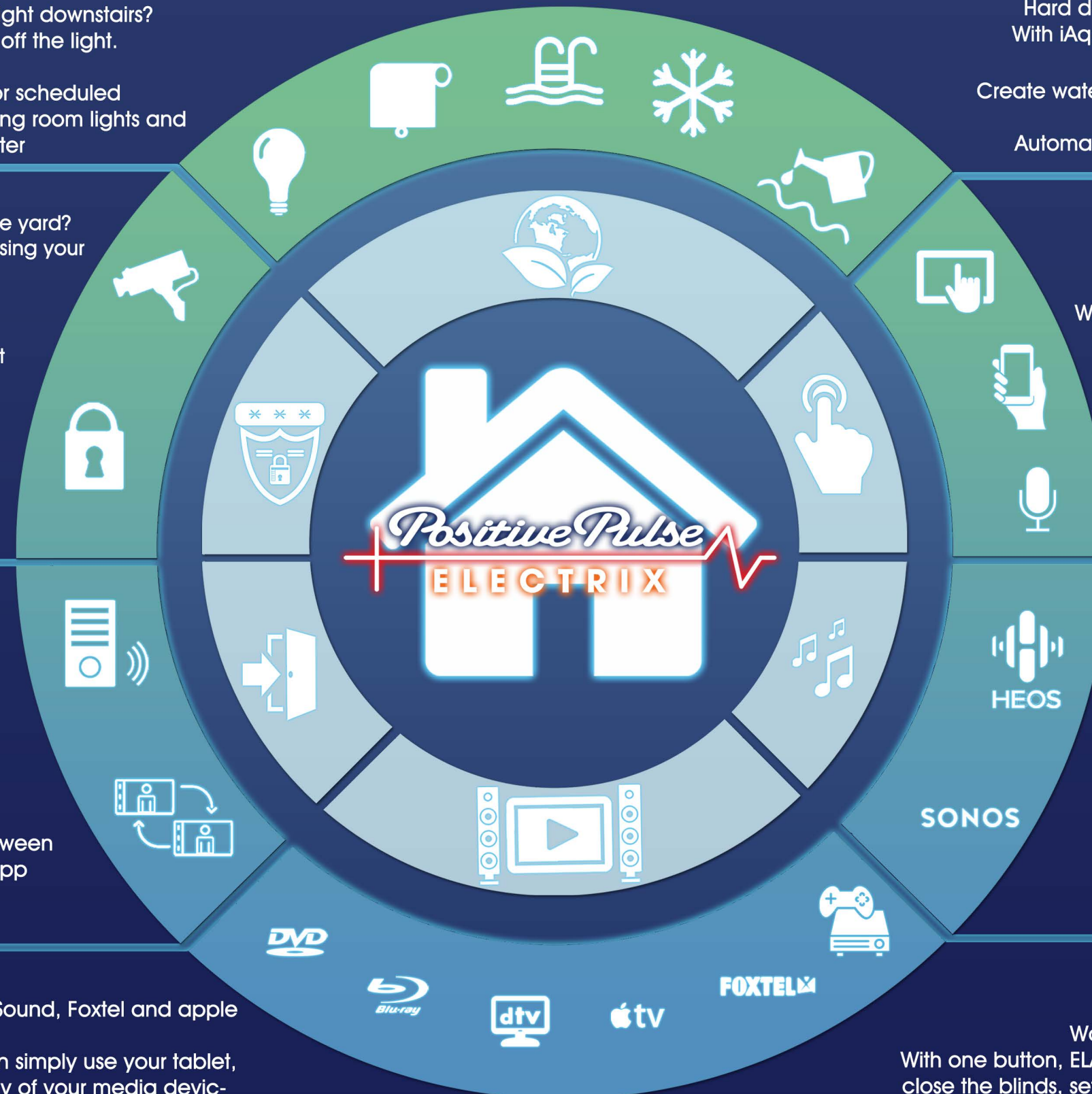
Single Action Control

Never know which remote is for the TV, Surround Sound, Foxtel and apple
tv?

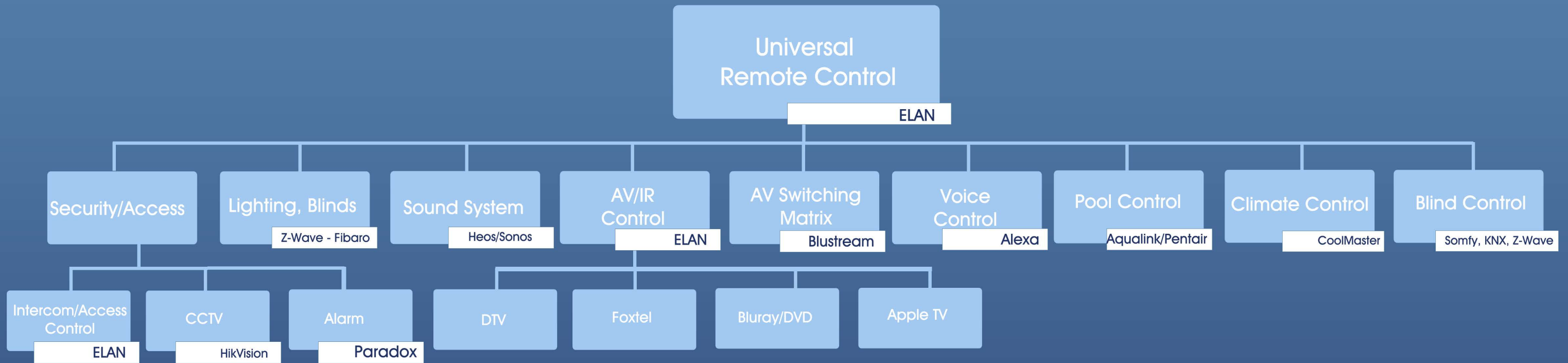
With all your devices connected to ELAN, you can simply use your tablet,
phone or ELAN's Hand Held Remote to control any of your media devic-

Not sure which channel your Apple TV and Foxtel are on?

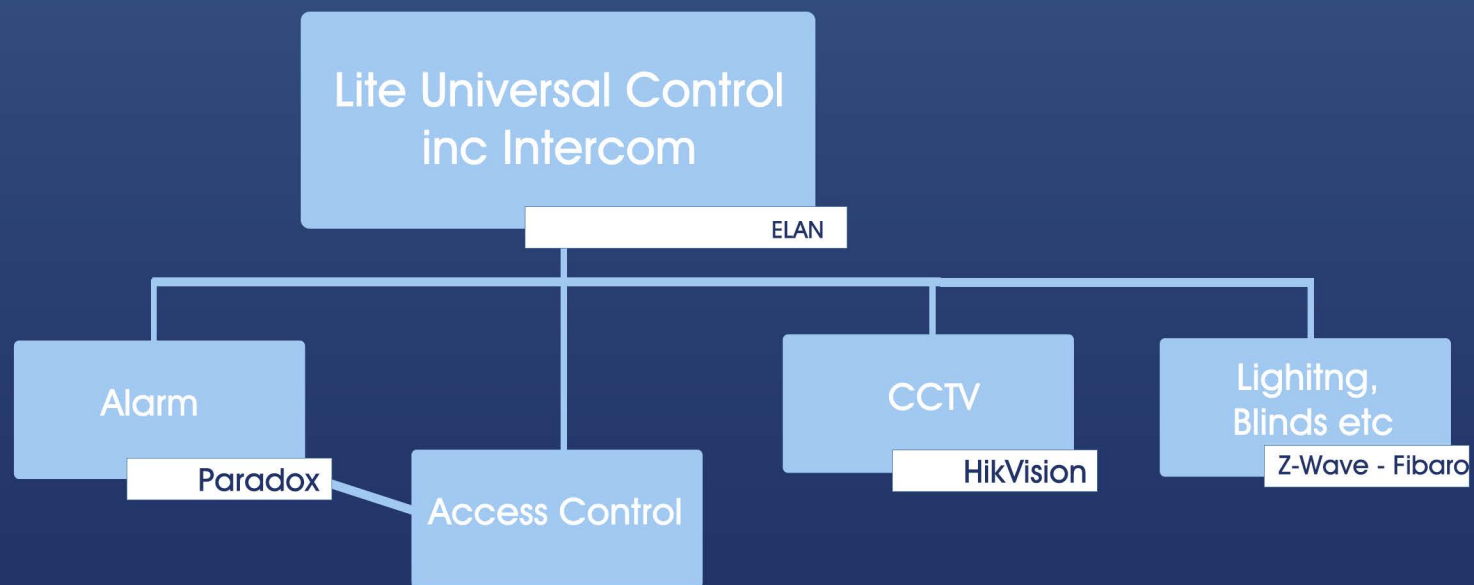
All you have to do is select what TV you are using, the viewing activity you want
and push will turn the TV on to the right source channel and give you the right remote



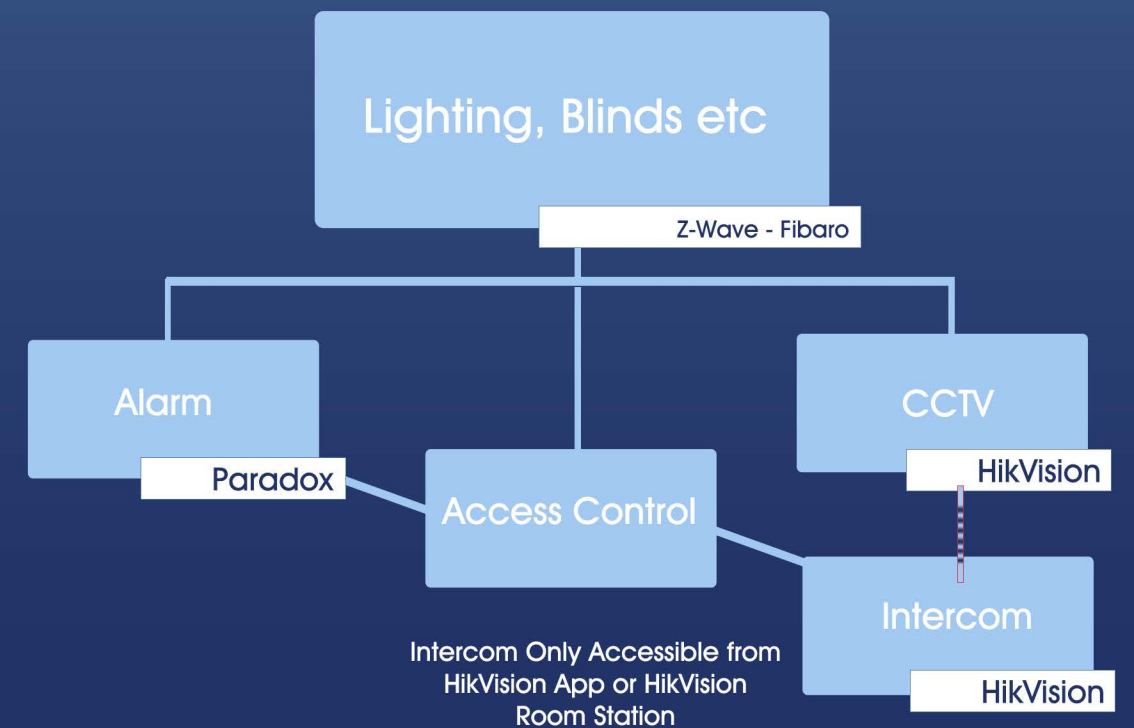
Automation Hierachy



Automation Lite Integrated Intercom



Automation Lite



Start Small...

Fully Integrated

...Add more and grow

System Controller inc.
Integrated Intercom

Base Package:

- 1 ELAN SCT100 Controller
- 1 Intelligent Doorbell
- 8 Inch Touch Screen

2x Third Party Device Licences

Optional:

AV control over 1 TV Zone and Sources

Hikvision CCTV

Base Package:

- 4 Network Cameras
- 1 NVR

Benefits:

- One app inside and outside the home
- Centralised Home Automation
- Additional Systems can be integrated (e.g. Multi-Room Audio and Climate Control)
- Upgradable

Lighting Control

Base Package:

- 1 Vera Gateway
- 10 Switching Groups*

* Can control Blinds, Irrigation & Access

Integrated Alarm
with Access Control

Base Package:

- 1 Alarm Panel
- 1 Keypad
- 5 Detectors
- 2x Remote Control
- 1x Access Keypad/Card reader

* 3 year remote access subscription

Network

Base Package:

- 1 24 Port POE Switch
- 1 Wireless Access Point
- 1 Data Rack (small)

Package Total

Controller + Intercom + Lighting
+ CCTV & Alarm



Doorbird Smart Doorbell Integrated Intercom

The Doorbird Smart Video Doorbell integrates with award-winning ELAN user interface to answer the door from anywhere using phones, tablets or touch-panels. Doorbird's latest releases blend beautiful design with leading edge technology.

Features

2-Way Calling - Talk to whoever rang your doorbell from any device running ELAN

Video Monitoring - - The camera in the ELAN Intelligent Video Doorbell may be accessed from any Intercom Station to view the caller

PIR Detection- Allows the ELAN Intelligent Video Doorbell to have a passive motion detection that can be used with Event Maps



SMART SYSTEMS

Z-Wave



Base Package:

- 1 Gateway
- 10 Switching Groups

* Can control Blinds, Irrigation & Access

Paradox Integrated Alarm



Base Package:

- 1 Alarm Panel
- 1 Keypad
- 5 Detectors
- Garage door remote and control
- 3 year app subscription



Local Area Network

Base Package:

- 1 Wifi Access Point
- 1 POE Switch

* If ELAN is selected, LAN is assumed as selected
* This package is strongly recommended at all times

Hikvision CCTV



Base Package:

- 4 Network Cameras
- 1 NVR

Stand Alone Hikvision Intercom



Base Package:

- 1 Camera Station + Card Reader
- 1 Master Monitor Station
- 1 Extension Monitor Station

Integrated Intercom



Base Package:

- 1 Doorbell Smart Video Doorbell
- 1 8 inch Touch Screen

*An ELAN SC100 controller must be selected at minimum



SC100

Base Package

Up to:

- 1 Audio/Visual Zone
- 4 CCTV Streams
- 3 Thermostats
- 24 Lighting Controls

ELAN Controllers

SC200

Base Package

Up to:

- 10 Audio/Visual Zone
- 16 CCTV Streams
- 32 Thermostats
- 255 Lighting Controls

SC300

Base Package

Up to:

- 10 Audio/Visual Zone
- 16 CCTV Streams
- 32 Thermostats
- 255 Lighting Controls

* Prices Include Device Set up & Programming

Additional Integration Products



Blind Control

*Specialised Installers Required



Heos Music System Denon Heos AVR

Jandy Aqualink Pool and Spa Control

*Specialised Installers Required

Blustream AV Distribution

Climate Control

*Specialised Installers Required



*This list is not exhaustive and only provides some of the key services available



Z-Wave

Fibaro

Control: Lights, Blinds, Security, Irrigation, Access control
 Expandable
 Remote Access
 User Orientated Experience



Paradox Integrated Alarm

ELAN Integration
 Remote Access
 Access Control
 1 stop keyfob for access and control



Local Area Network

Robust
 Expandable
 Competetively Priced
 Dependable



Hikvision CCTV

Remote Access: Live feeds, Recorded Data
 Download recorded videos
 Records movement
 Overwrites oldest files

*Dependent on upload speeds of 4MB of higher



Stand Alone Hikvision Intercom

Remote Access: Viewing, Talking, Access control
 Keyless entry: Fob, Cards phone etc

*Dependent on upload speeds of 4MB of higher
 *Does Not Integrate with Z-Wave or ELAN



Integrated Intercom

The ELAN Video Doorbell uses the award-winning ELAN user interface to answer the door from anywhere using phones, tablets or touch-panels.

Integrates fully with ELAN.



ELAN Controllers

Your music, movies, sports and TV are at your command via a sleek remote, tablet or convenient touch pad in any room.
 Your security system, climate, lights, garage door, and more are all under your control from your smart devices in any location at home or away.



Additional Integration Products



Blind Control
 Somfy, KNX



HEOS: Room controlled Speakers
 Expandable, Excellent sound quality,
 Multi-Zone enabled and app controlled

Denon/HEOS: AVR
 Heos App integrated Theatre System

Jandy AquaLink: Pool Control
 Automate, monitor and control your pool and spa



BluStream: AV Switching



Climate Control
 Control based on allowances of Hardware and integration with CoolMaster





ELAN Controllers

ELSC100 Package

- 1x ELG1 Control Device
- 1x Audio/Visual Zone
- 4x CCTV Camera Streams
- 3x Thermostats
- 24x Lighting Controls

*No Pool Control



ELSC200 Package

- 1x ELSC200 Control Device
- 10x Audio/Visual Zones
- 16x CCTV Camera Streams
- 32x Thermostats

255x Lighting Controls

*May require extra hardware for all AV Zones

ELSC300 Package

- 1x ELSC300
- 10x Audio/Visual Zones
- 16x CCTV Camera Streams
- 32x Thermostats
- 255x Lighting Controls

ELAN Interfaces

Touch Screens

8 Inch (White or Black)

12 Inch (White or Black)



Remote Controls

Hand Held (Single Zone)

Hand Held (Multi-Zone)



*Alexa is native on Touch Screens and ELAN skill is available for Alexa

Stay connected and worry free

While the advanced ELAN controller is the brains of the connected home, the elegant ELAN remote, touch panels and keypads bring smart home control to wherever you are —in any room or from anywhere in the world with your mobile device.

No matter which control device you use, you'll enjoy the same intuitive interface of our smart home technology system, one that is easy to understand and simple to use by family members of all ages

Available Integration Products



HikVision CCTV Streams



Z-Wave Automation products



Heos Music System
Denon Heos AVR



Blind Control
Somfy or KNX or Z-Wave

Jandy Aqualink
Pool and Spa Control

*Specialised Installers Required



Blustream AV Distribution



Climate Control
CoolMaster

*Specialised Installers Required



Irrigation
Hunter or Z-Wave



*This list is not exhaustive and only provides some of the key services available



Fibaro



Base Package: Including Programming
1 Fibaro Home Centre Life
10 Switching Groups (blinds, lights, irrigation etc)

Fibaro makes it possible for your smart devices to talk with each other—which means your home can take care of the little things and ensure it's always just the way you like it.

Z-Wave is an affordable, scalable, and retrofit solution that allows you to build your dream smart home, one switch at a time. Your smart phone or tablet becomes the control interface for all of your connected devices, seamlessly merging lifestyle and technology into one.

Geofencing is also a handy feature allowing users to set up a zone around their home to trigger lights, blinds, security system etc, all based on the device's proximity to the home.



Products

Smart-Plug

Z-Wave Smart Plugs with power metering feature are an intelligent, ultimate plug & play, extremely compact, remotely controlled outlet adapter. This highly functional wall plug can be applied wherever you want to control electrical devices, while monitoring power consumption in a convenient and maintenance-free way.



Z-Wave Relay

The RELAY is a small retro-fit 240v module that can be used to enable switching of an electrical device, such as lights, fans and appliances. It offers energy monitoring, and variable configuration settings. The 2-RELAY is a small retro-fit module that can be used to enable on/off control capability of two connected circuits.



Z-Wave Dimmer

A Z-Wave Dimmer is a small retrofit 240v module that can be installed behind your existing light switch to provide smart control of your LED Downlights. It offers energy monitoring, and variable configuration settings.



Z-Wave Blind

The Z-Wave Blind is a small retro-fit module used to enable 240v switched motor control of blinds, roller shades and venetian slats. It offers energy monitoring and custom blind positioning.



Other Z-Wave Compatible Products

Other Z-Wave products include:
Thermostats - Nest
Sensors - Motion, light, temperature, flood etc.
Locks and Handles
Keyfobs and Scene Control Buttons



PositivePulse ELECTRIX

SMART SYSTEMS

HIKVISION

Stand Alone
Security and Access Control



CCTV

Base Package:
4 Network Cameras
1 NVR

The IP camers and Network recording device in this package work to record movement around you home. The package can be expanded to the layout and size of your property and security needs.

Access:

The Hik-Connect app allows you to log in and view live streams of any of your cameras remotely and locally. The playback feature also allows you to view all available recordings for any camera stream, remotely or locally. These recordings are also able to be downloaded. Access is available through a web interface also.

Alerts:

Set up Notifications on your phone to alert you to motion detected by your CCTV



*Dependent on upload speeds of 4MB of higher



Intercom



Base Package:
1 Camera Station + Card Reader
1 Master Monitor Station
1 Extension Monitor Station

The Hikvision intercom is an IP based system that allows the user to see and speak to visitors at their gate or door from internal monitoring stations or remotely with the Hik-Connect App.

Keyless Entry:

Users can unlock the door through the monitor stations, using swipe card or keyfobs or through the Hik-Connect app on their phone.
*Keypads and card readers available

Remote Access:

The Hik-Connect app not only provides unlock capabilities, it also sends the user to receive alerts when their intercom is rung, allowing them to answer, see and talk to the person.

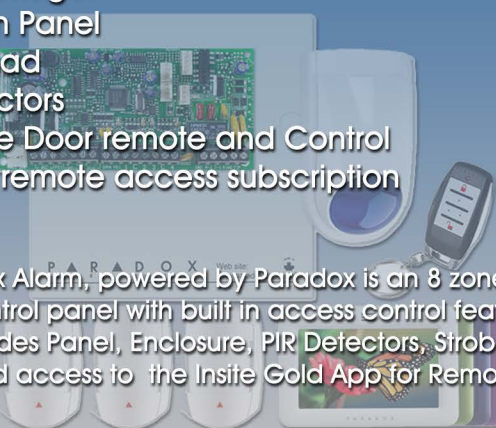


P R D O X
SECURITY SYSTEMS

Security System

Base Package:

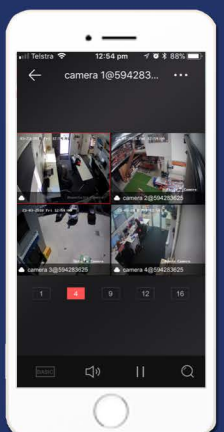
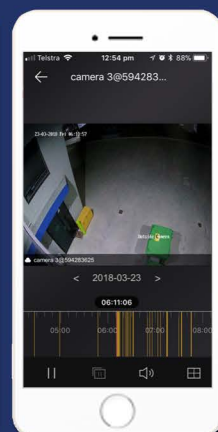
- 1 Alarm Panel
- 1 Keypad
- 5 Detectors
- Garage Door remote and Control
- 3 year remote access subscription



PARADOX

The Paradox Alarm, powered by Paradox is an 8 zone security control panel with built in access control features. The kit includes Panel, Enclosure, PIR Detectors, Strobe/Siren, Keypad, and access to the Insite Gold App for Remote Access.

*Can also be installed as a standalone alarm and security system
*For Keypad/Swipe Card Access - an additional module can be installed



PositivePulse

ELECTRIX

SMART SYSTEMS



HEOS[®]

by DENON

SONOS

Theatre and Audio Packages



SONOS

Room Zones Music

Standard Package:
2- 7inch In Ceiling Speakers
1- AMP



SONOS

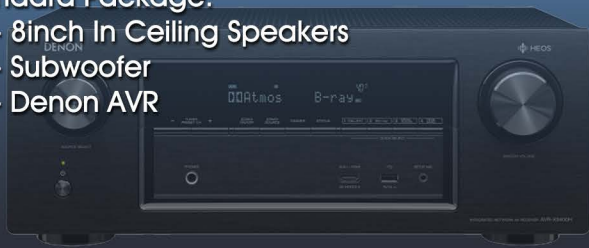
Theatre Lite

Standard Package:
1- Sound BAR
2- 7inch In Ceiling Speakers
1- AMP
*Optional Wireless SUB



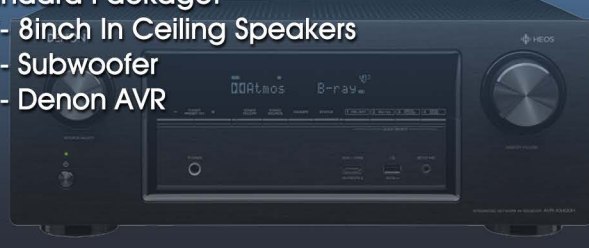
Theatre 5.1 Surround Sound

Standard Package:
5- 8inch In Ceiling Speakers
1- Subwoofer
1- Denon AVR



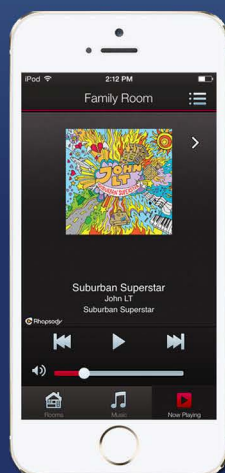
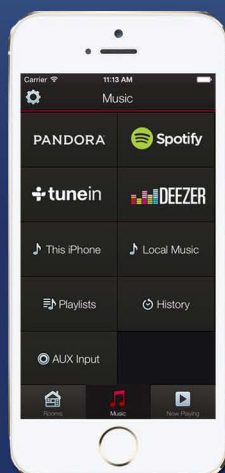
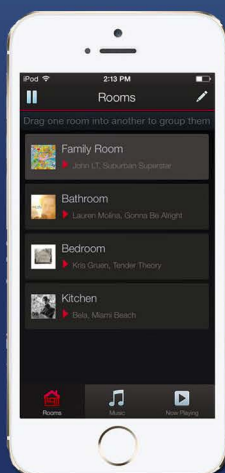
Theatre 7.1 Surround Sound

Standard Package:
7- 8inch In Ceiling Speakers
1- Subwoofer
1- Denon AVR



HEOS/Sono: Zone/Room controlled Speakers
An expandable system with excellent sound quality,
Multi-Zone enabled and app controlled

Denon/HEOS: AVR
Heos integrated Theatre System



BLUSTREAM
MATRIX

HDMI Distribution

Base Package: 8 Sources + 6 Screens
 1 HMXL88 V2 Matrix
 6 Display Connections

The blustream HDbaseT matrix allows users to store all media sources (Apple TV, Foxtel, Bluray etc) out of the way but have access to each device on any TV connected to the matrix.

The built in IR control gives the ability to use remote controls at any TV in the house to control media sources.

With the ability to integrate with control systems, such as ELAN, control can be no further away then your phone or tablet.



BLUSTREAM
MATRIX

Multicast System

BLUSTREAM

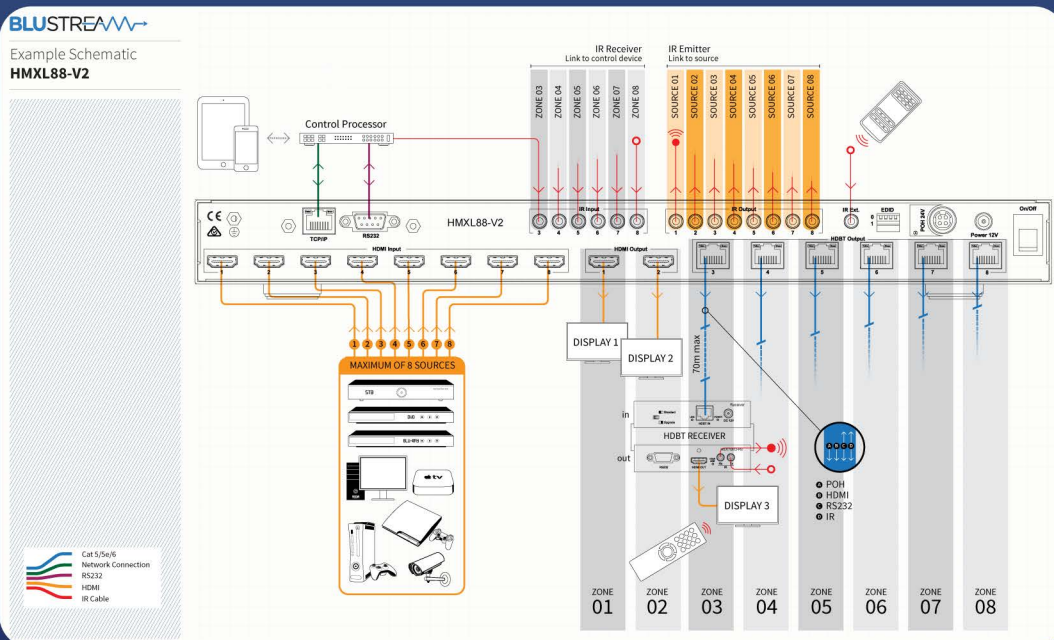
MULTICAST

Package determined based on project scope

The multicast system provides the ability to distribute 4K media sources (Apple TV, Bluray, Foxtel etc) to connect TVs through a dedicated media network, seperated from the users Home Data network.

Multicast UHD from Blustream delivers virtually latency free distribution of HDMI video over a 1GB Network switch. Using lossless compression technology. The beauty of Multicast is its flexibility and ease of installation.

The Multicast System also has easy integration with third party control systems, such as ELAN





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