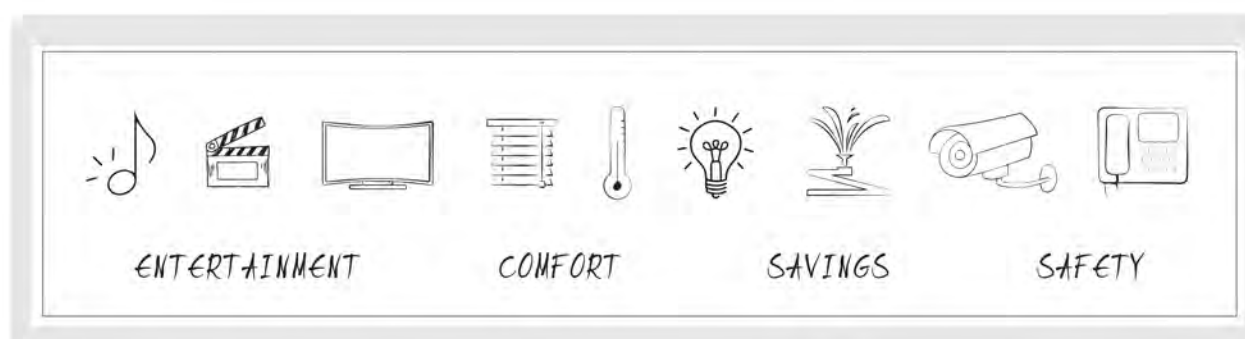


SMART AUTOMATIONS

...with artificial intelligence!



The absolute transition from smart automation ...to artificial intelligence!

www.piperaris.com



name
PANAYIOTIS PAPASYMEOU

position
Director

says
"There are no shortcuts to excellence"

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In our lives there are two options: what we can control and what we can't. In the automation sector or better said in the "Science of Control", the goal is to be able to control what can be controlled in the simplest way, with a simple touch or instruction and nothing else.

Together with our team, we aim to simplify the daily lives of each one of our customers, to achieve the maximum energy savings possible, to increase the level of security, and consequently to make lives more comfortable and more fun in all the things that can be controlled.

Our vision is to influence people's everyday life and to make a difference by giving extraordinary experiences and memories in their daily lives.



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BUSINESS 14



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Light



20



Sound & Image



22



Home Cinema



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Shades



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Air-conditioning & Heating



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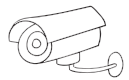
Irrigation



30



Security



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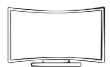
Video Door Phone



34



IPTV



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Data Networks



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Conference Room



40



Home Appliances



42





The Team

Where teamwork becomes
an inspiration!

6

A NOTES

- ✓ Experience
- ✓ High level technology & know-how
- ✓ Skilled human resources
- ✓ Direct and personal service
- ✓ Human character
- ✓ Integrated solutions
- ✓ Ultra-modern logistics infrastructure
- ✓ 24-hour service
- ✓ Maintenance & after-sales service
- ✓ Specification certificates
- ✓ Branded products





B

THE COMPANY

Piperaris Smart Automations joined the Piperaris Group of companies in September 2016. With the alliance of the world's largest and best global manufacturers of the market, Piperaris Smart Automations automates and co-ordinates the ability to control all the electrical-mechanical devices and other systems located in an area in a "smart" and simple way. With experienced, certified and qualified personnel consisting of more than 40 persons and with a network of partners both in Cyprus and abroad, the company can provide a solution, even to the most demanding needs. It has 2 showrooms, a workshop, a management centre, warehouses for materials and accessories in Limassol and in Nicosia and serves the whole of Cyprus. With seriousness and responsibility, the company studies, designs and installs automation systems according to the needs of each customer individually.

VISION

The vision of Piperaris Smart Automations is to influence and make a difference, by giving extraordinary experiences and memories in the everyday lives of people.

GOAL

The company's primary focus is on comfort, safety, entertainment, simplification and high quality of living with lower energy consumption.

PRODUCTS

With the alliance of the world's largest manufacturers such as URC, Eelectron, Fibaro, Crestron, Bose, Vivaldi, Cambridge Audio, Q Motion, Doorbird and others, Piperaris Smart Automations automates and coordinates the ability to control all devices which are located inside an area. It offers the user the opportunity to have absolute control over his space. The company can coordinate almost all connected systems in the area in order to create a personalized experience by using solutions that maximize comfort, serenity and entertainment. It upgrades and simplifies quality of life, it maximizes the level of security and dramatically contributes to reducing the operating costs of an area.

The products of the American company URC (our major partner) which have received significant distinctions and awards, work as an umbrella by linking the operation of all systems to a remote control or to one application (App), Smartphone and Tablet. It is worth mentioning that URC is successfully used in the White House, by Air Force One and in other important areas around the world, with a customer base that exceeds 100 million.



piperaris smart automations
77 77 22 88

SUBJECT:		TITLE:	
SMART AUTOMATIONS		THE TEAM	
STUDY:	DATE:	SCALE/ SIZE:	
P. PAPASYMAIOU	JUNE 2018	N/A A1	
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Services & Support

A great economic asset

8

A NOTES

Beyond the use of high level technology, Piperaris Smart Automations is particularly distinguished by the expertise of its personnel which is licensed, trained and qualified with certificates that are internationally recognized in the field. This feature is of paramount importance in the implementation and effective operation of an integrated system. The company's personnel studies, advises, plans, programs, installs and maintains automation systems that are suitable for every need. With the aim of providing a continuous and complete satisfaction of the client, the company's personnel ensures the provision of immediate technical and training support.



B

ADVISORY SERVICES

The company offers a full range of consultancy services in the field of design in order to assist in the proper production and implementation of an advanced system design, covering the taste and the needs of each customer individually.

RESEARCH & DESIGN

By means of technical planning, the company examines the present needs of its clients, while providing the basis for future improvements. It designs proposed points of installation of equipment as well as schematic drawings for equipment interfaces so that all of equipment installed inside an area can co-ordinate perfectly.

INSTALLATION

In close cooperation with each manufacturer enhances its knowledge and skills so as to maximize the potential of the proposed solution. At the same time, the staff in charge of installation is fully trained and well mannered, respecting the time, the privacy and the property of each client throughout the installation, programming, training and maintenance process. The completion of the installation provides for excellent coordination with all those involved in each project.

PROGRAMMING & TRAINING

Standards, certifications, specialization, compliance with quality procedures and experience prepare the client to completely understand the operation of the system to his satisfaction. This is what makes Piperaris Smart Automations different. The priority is to ensure that the systems will work as expected. For this reason, systems are tested by means of a full range of tests before they are installed. The company's programming team has the knowledge and flexibility and is ready provide explanations and educate users in of the user-friendly operation of the system in a way that is easy for them to understand.

CUSTOMER SERVICE

The company has a technical support team consisting of specialized technicians that is available 24-hours a day and is ready to serve its clients and give a solution to every new need and to respond promptly to every request. The company's significant investment in logistics enables it to fully manage, to automatically monitor and continuously control the smooth operation of all installed systems from a distance, providing prompt technical support in an efficient manner, without waste of time and unnecessary costs.

<p>piperaris smart automations 77 77 22 88</p>		
<p>SUBJECT: SMART AUTOMATIONS</p>		<p>TITLE: SERVICES & SUPPORT</p>
<p>STUDY: P. PAPASYMAIOU</p>	<p>DATE: JUNE 2018</p>	<p>SCALE/ SIZE: N/A A1</p>
<p>DESIGN: E. PROKOPI</p>	<p>PROJECT NO.: 7,1</p>	<p>PAGE NO.: 9</p>





Smart Automation Applications and...
Everything under control!



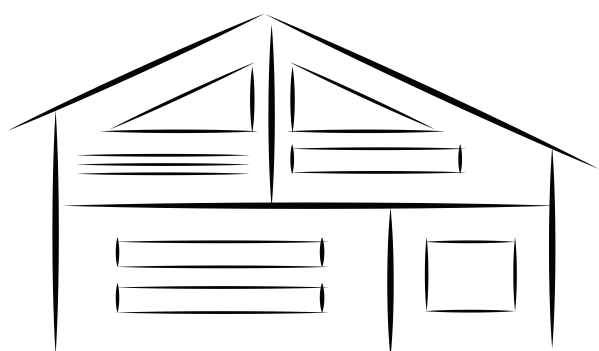
Home

...that lives inside
the soul!

12

A NOTES

An absolute transition from "intelligent automation" to "artificial intelligence". To provide the user with the opportunity to have the ultimate supervision in his area. To coordinate almost all connected systems within the room in order to create a personalized experience by using solutions that maximize comfort, serenity and entertainment. The operation of the area is now based on scenarios of coordination of all services. Such scenarios take into account the meteorological data, the season, the day and the hour, as well as the availability of people at any given moment. The app that is installed on the mobile or tablet is simply an alternative solution to the genius and easy-to-use remote control that... controls everything!





B SPECIFICATIONS

A smart home gives the opportunity to every person living in the home to experience the ultimate experience. In other words, daily habits such as morning coffee, activating the lights when coming back home in the evening, watching a movie, switching on the water heater, turning on the alarm, etc., can be achieved by the touch of a button, by operating a remote control, in a pre-selected and fully automated manner so as to provide the user with the ultimate luxury.

Nothing is more wonderful after an exhausting day than to come back home in the most welcoming way. Nothing compares to returning home to a bright home where the heating or air conditioning, depending on the season, has already been activated, giving the room the proper temperature and the water heater switched on, without having to wait.

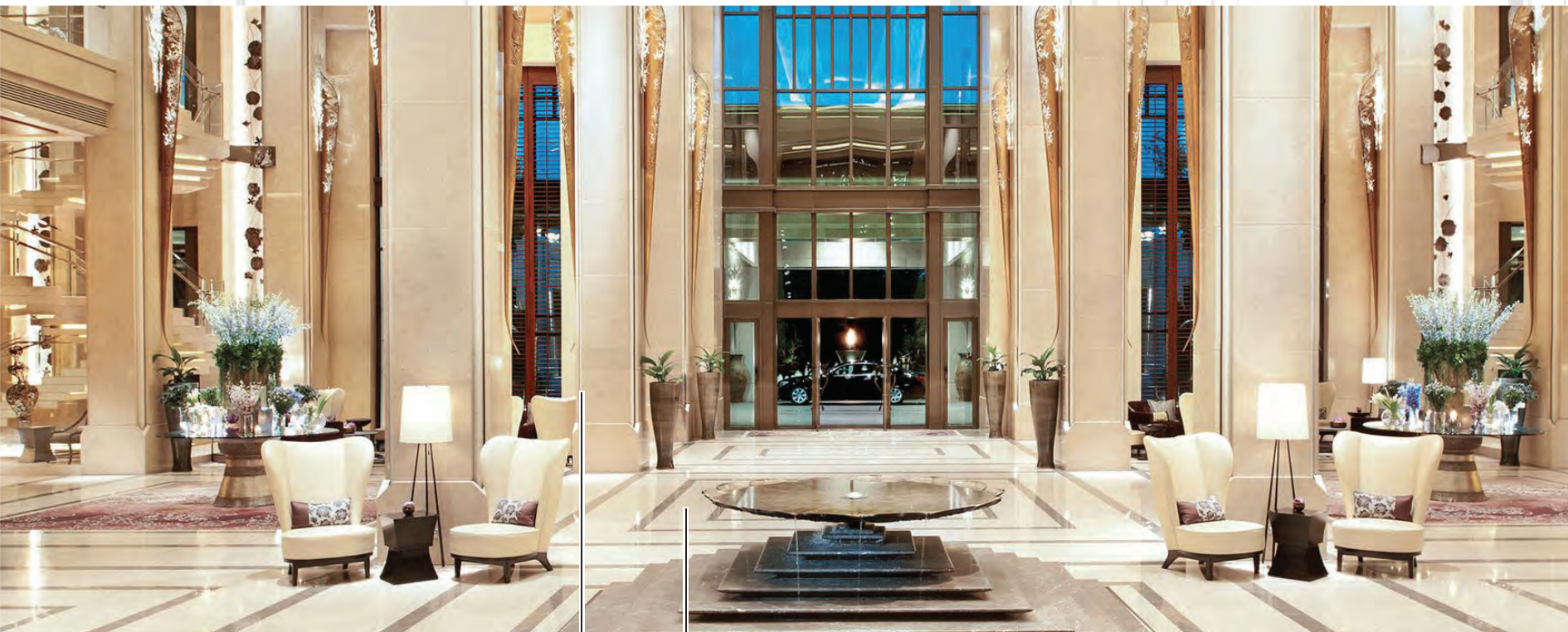
The environment at home can always be comfortable by adjusting the level of lighting accordingly, thus maintaining a combination of comfort and economy at the highest levels. When coming back home in the evening, the lights can be turned on automatically while the TV or any other audio device can be turned on by saying for instance the words ... movie time. This is also the case even before going to bed. The alarm system can be turned on in order to protect the rooms, to adjust the lights and pre-selected temperature levels, while users are resting in a comfortable and safe manner without having to worry about anything.

The system is controlled either by LCD monitors or by touch screens located at selected locations inside the house or it can be controlled by any phone, both inside and outside the home, such as by a tablet, mobile or a smartphone.

With the right automation and depending on each need, it is very simple to create the smart home of your dreams at the touch of a button.



piperaris smart automations 77 77 22 88		
SUBJECT: SMART AUTOMATIONS		TITLE: HOME
STUDY: P. PAPASYMAIDOU	DATE: JUNE 2018	SCALE/ SIZE: N/A A1
DESIGN: E. PROKOPI	PROJECT NO.: 7.1	PAGE NO.: 13



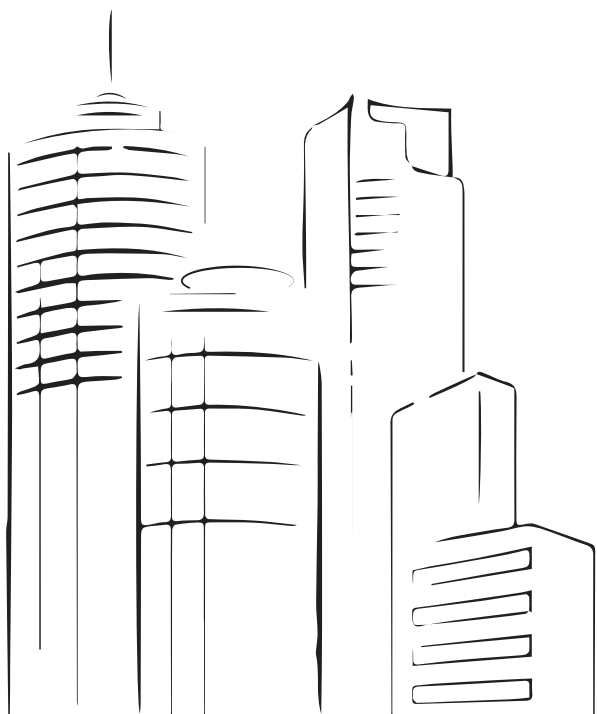
Business

Where the building
meets professionalism!

14

A NOTES

Would you ever imagine that a building can function, understand and translate the stimuli of the environment and then adapt to them to the benefit of the user? And yet it is possible. Intelligent buildings can precisely achieve this, always operating for the benefit of the user, in a flexible and adaptable manner depending on weather changes, by exploiting natural resources through automation and control systems and, most importantly, by saving energy to a considerable extent.





B SPECIFICATIONS

The demands of modern buildings in terms of facilities have significantly increased in recent years. End-users demonstrate such increased demands by requiring more comfort, greater security, better look, energy savings, and central, local and remote-control capabilities at a distance.

A building that can change behaviour depending on the season is definitely a high intelligence building. A "smart building" features facilities that are easy and flexible to adapt to the changing requirements of the user.

A "smart building" has facilities which are easy and flexible to adapt to the changing requirements of the user.

Applications mainly include lighting control, electric roller shutters, heating, air conditioning, ventilation, electricity load and consumption management, remote controls and central commands of all kinds.

The high intelligence index of a building is demonstrated by the existence of natural light. An intelligent building has windows and skylights so that artificial lighting can only be used in a complementary way and after it starts to get dark. Where an office building is concerned, a smart building has side windows that allow all work stations to be serviced with natural light, and artificial light is also provided for each worker separately.

A smart building does not necessarily mean more electromechanical installations. They are also designed to behave and react intelligently. If, for example, a cloud suddenly appears in the sky, artificial lighting intensifies. If the building sensors understand that there are no more people in the room, the lights automatically turn off.

Energy management is a key feature of a smart building and an essential link to the implementation of a 'green' building. It is therefore important to choose the right solution that combines a set of quality criteria in order to obtain the best result.

Automation offers a unique experience in hotels. It provides a unique, luxurious experience to every visitor; for instance, it can program a desired "Wake Up" scenario whereby the curtains will gradually open and the user's favourite pre-selected music will commence instead of the user waking up with the alarm or phone.

At the same time, the creation of a smart building not only serves the proper management of energy but also serves the proper management of images from the building, for example from a professional meeting room with integrated and automated presentation solutions, to the garden of every building so that it is always maintained in a proper condition.

The use of the appropriate automation system according to the needs of each building, an intelligent building can be created beyond any expectation.



piperaris smart automations
77 77 22 88

SUBJECT:

SMART
AUTOMATIONS

TITLE:

BUSINESS

STUDY:

P. PAPASYMAIDOU

DATE:

JUNE 2018

SCALE/
SIZE:

N/A A1

DESIGN:

E. PROKOPI

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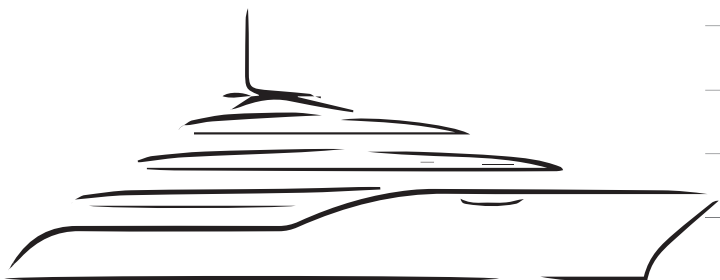


Yachts & Boats

Luxury on Board! 16

A NOTES

Life at sea is an enjoyable experience and even more comfortable than working from the office or life at home. With integrated sound, visual, lighting and intelligent automation solutions for pleasure boats, this experience is upgraded to provide the ultimate luxury and comfort at sea.





B SPECIFICATIONS

While the boat sails at sea, travellers can enjoy their favourite music from special high quality and aesthetic speakers which are suitable for being installed by the sea. Users can also select movies while on board and the TV screen can appear in the lounge or outside the boat by simply pressing a button.

Multi-zone audio and video systems can distribute high-definition audio and video to all televisions and screens so that all passengers can enjoy their favourite movies or TV shows from any location on the boat.

100% waterproof screens, suitable for indoor or outdoor use, with crystal clear image, vivid colours and state of the art technology.

The boat can be protected by using automatic fire extinguishing systems and it is watched and monitored by thermal cameras for night navigation, high definition CCTV cameras which are suitable for use at sea, with full touch screen, computer or smartphone control.

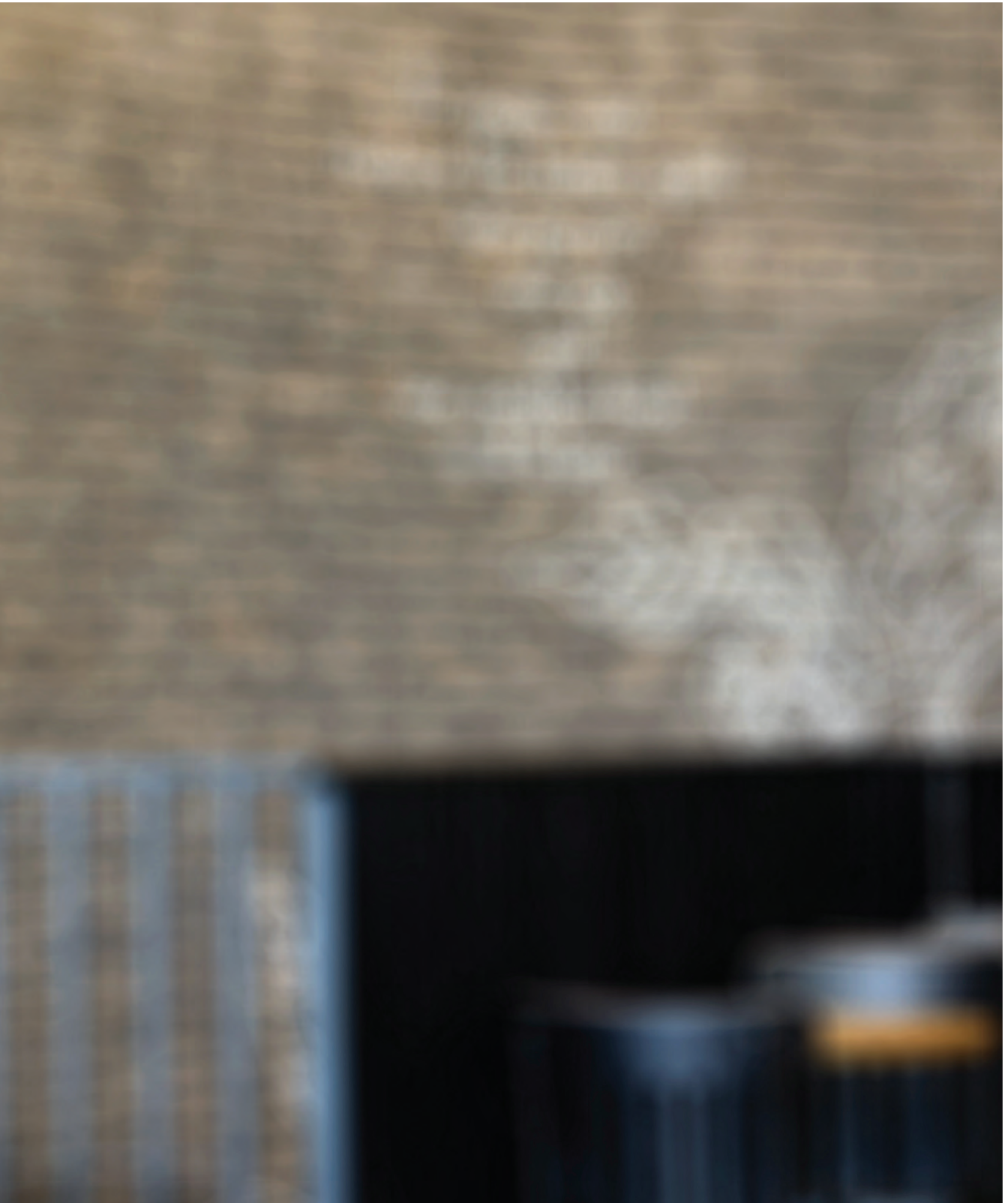
At the touch of a button, the lights, the blinds, the temperature, the sound and the picture can be adjusted depending on the occasion or even the mood. All this can be adjusted from a screen by using a complete automation system.

The "Captain" always has full control by means of an excellent and friendly to use system.



<p>piperaris smart automations 77 77 22 88</p>		
SUBJECT: SMART AUTOMATIONS	TITLE: YACHTS & BOATS	
STUDY: P. PAPASYMAIDOU	DATE: JUNE 2018	SCALE/ SIZE: N/A A1
DESIGN: E. PROKOPI	PROJECT NO.: 7,1	PAGE NO.: 17





Product categories



Light

...to guide the mood!

20

A NOTES

An intelligent lighting system that enhances style, comfort and security and saves energy consumption in an area. It can accurately control the lighting in the kitchen, in the entertainment room, in the bedroom and in the hallway for a simple, daily operation. It gives colour to the front porch, to the street, to the backyard and to the swimming pool and creates the right atmosphere and serenity depending on the occasion, and at the same time depending on the mood.





B SPECIFICATIONS

Proper lighting adds a touch of intelligence to every house! It can be customized according to the mood, the occasion and can be fully automated for the enjoyment and safety of the user. Once the first piece of equipment is installed, then everything can be changed. By adding a remote control, light can be managed by a computer, tablet or smartphone.

The management of all indoor and outdoor lighting is done with absolute ease. Everything can be connected by a remote control and can be operated centrally. Other electrical devices can be connected in order to better manage lighting, such as shades, shutters, gates and so on at the touch of a button depending on the level of lighting required during the day.

Automation is generally used for restricting unnecessary energy consumption. This is beneficial both for economic and environmental reasons. At the same time, everyday life at the home or the office is simplified and adapted to the user's requirements.

Automation provides immediate solutions for both the home and the workplace. It enables comfort and frees your hands, while providing extra safety even during absence from the room, since lights can be turned off, the blinds can be rolled down and the alarm can be armed at the touch of a button.

At the same time, lights can be directly connected to sensors that control presence. These are devices that, as soon as they detect any kind of presence at a specific range, turn the lights light on. This method of automation is suitable for stairs, gardens, and garages or even for areas where we enter with our hands full, such as warehouses, basements etc. Light detectors work in a similar manner. They ensure that there is light in the room, i.e. natural light when there is absolute darkness and the opposite.

A more modern device is a scenario switch. More specifically, these switches have keys that can be programmed separately in order to give a specific lighting intensity. Thus, depending on the occasion and the mood, the space can be illuminated accordingly. This technology used is designed for such areas such as the living room so as to achieve the suitable level of lighting in an easy and fast manner during dinner, when watching a movie, etc.

Lighting is considered to be smart since it can be controlled and is based on a time schedule. In other words, we can have one or more lines that work automatically at specific times of the day. This method of automation gives us tremendous advantages by reducing unnecessary power consumption while having absolute control.

This is an innovative solution that offers much more than a simple light connection!



<p>piperaris smart automations 77 77 22 88</p>		
SUBJECT:	TITLE:	
SMART AUTOMATIONS	LIGHT	
STUDY:	DATE:	SCALE/ SIZE:
P. PAPASYMAIDOU	JUNE 2018	N/A A1
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Sound & Image

Enjoying the
images of sound!

22

A NOTES

The ultimate sound and vision entertainment, separately in every space, without affecting others with unwanted noise. Simple features and installation of a multi-zone system that can be controlled either by wall-mounted smart touchscreen controls or by smartphone. Numerous choices are available, from speakers and screens manufactured by well-known manufacturers.





B SPECIFICATIONS

There is no longer any need for a suitable space for large-format television. Mechanisms that conceal flat panel monitors can cover even the most demanding applications by hiding screens which are mounted on the wall, on the ceiling, on the furniture or even on the floor. Televisions can either be placed inside the wall or mounted on the wall. They are ideal for any room such as the living room, over the fireplace, in the kitchen or even in areas with high levels of humidity such as the bathroom or the sauna.

At the same time, centralized sound management is one of the most important elements of a modern home. Crystal clear and smooth sound can be achieved in each room separately. In parallel, architectural speakers which are carefully designed to perfectly fit the décor and the needs of each space can be installed. Such systems are necessary for all modern areas such as presentation rooms, conference and shopping centres, multipurpose facilities, gyms, schools, universities, homes, etc.

Once a distributed audio system is installed, the user can have direct access to his favourite music, both indoors and outdoors. Favourite playlists can be managed by touch screens, wireless or wall mounted remote controls as well as by tablet or mobile applications.

The multi-zone sound distribution system can be controlled and managed independently so that the user can enjoy his favourite music in the entire area or in a specific room. For example, a family member can enjoy his favourite album next to the fireplace while his/her spouse can listen to the radio in the bedroom.



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77 77 22 88

SUBJECT:
SMART
AUTOMATIONS

TITLE:
SOUND &
IMAGE

STUDY:
P. PAPASYMAIDOU

DATE:
JUNE 2018

SCALE/
SIZE:
N/A A1

DESIGN:
E. PROKOPI

PROJECT NO.:
7,1

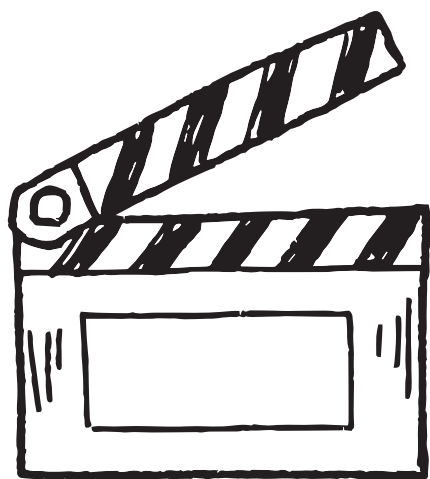
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23



Home Cinema

Entertainment
of the Senses!

24



A NOTES

Modern home cinema with high quality speakers
and electronic systems. It offers unique moments in
every home and creates the ultimate pleasure and
family experience.



B SPECIFICATIONS

Home Cinema or Home Theatre is one of the most popular home entertainment options in the world and can offer an exciting audio and video experience.

The term "Home Cinema" means an audio-visual installation designed to reproduce cinema films in the home. The user not only enjoys films but, with the appropriate equipment, every user can enjoy TV, music and even video games.

A home cinema can be placed in a room such as a bedroom that is laid out and decorated accordingly to accommodate the proper and ideal Home Cinema that suits the needs and expectations of every user.

A home cinema installation may even consist of a simple TV, a DVD player and a set of speakers. In a more advanced format, it features one or two high-resolution audio and video sources (HD-DVD, Blu-ray player), Audio/Video Receiver, large display screen or video projector and a sufficient number of loudspeakers.

The evolution of technology has brought about many innovations. At the moment, there are plenty of options available in order to set up a home entertainment centre that can satisfy the simplest and the most demanding user by offering the Home Cinema of his dreams.

Therefore, the right choice of equipment based on the user's needs, the area available for the installation, the reproduction media available media, etc. as well as imagination and passion, can turn a simple room into a cinema!



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77 77 22 88

SUBJECT:		TITLE:	
SMART AUTOMATIONS		HOME CINEMA	
STUDY:	DATE:	SCALE/ SIZE:	
P. PAPASYMAIDOU	JUNE 2018	N/A A1	
DESIGN:	PROJECT NO.:	PAGE NO.:	
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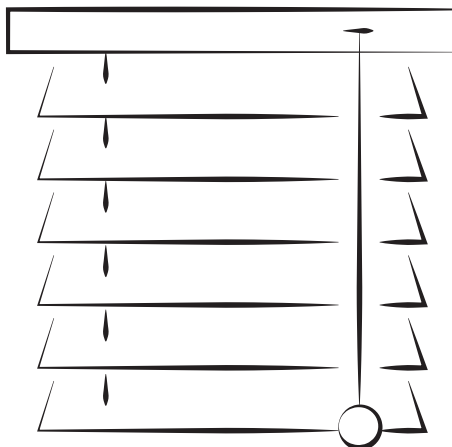


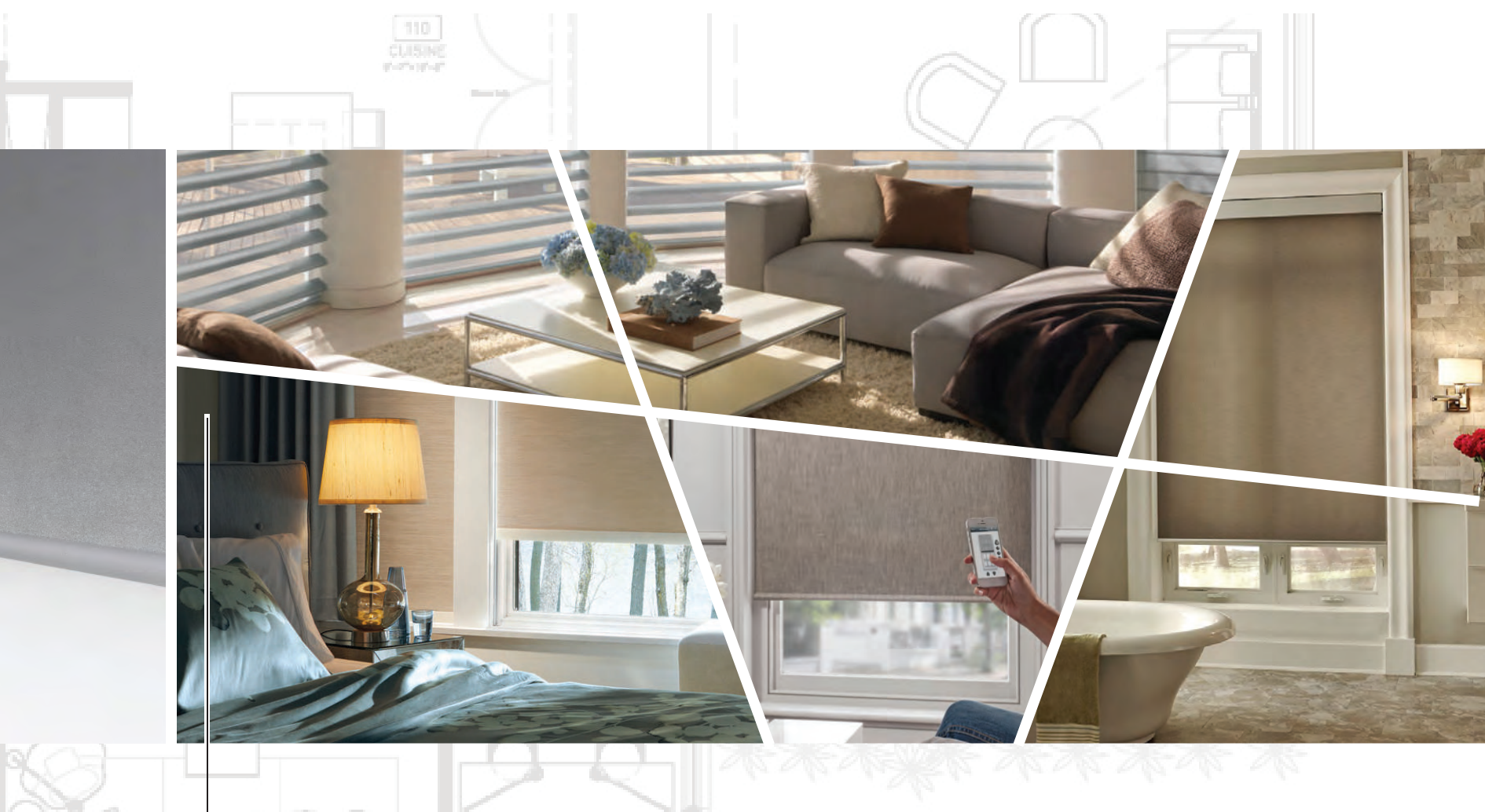
Shades

Inner Shades! 26

A NOTES

Absolute shade and tone control of each space with a single touch, whether it's time to start the day or time to relax and watch a movie or go to sleep. The space takes the pre-selected and suitable shade depending on the situation. Everything can be ready, enjoying the comfort that each user needs.





B SPECIFICATIONS

Automated indoor shading is a state-of-the-art and modern shading solution that fits in any space, whether professional or at home. By using shading automation, the user can achieve comfort, unique light control and energy savings.

By creating operation scenarios depending on the season and the mood, awnings and blinds can move automatically depending on the way that they have been programmed. Awnings and blinds can roll down and up on pre-selected and scheduled times where, even when residents are away from home. As a result, there is additional safety, giving the impression that the house is inhabited.

A great advantage with shading automation is the operation of sensors. By using sensors, awnings and blinds react directly to weather phenomena. For example, by placing a wind sensor, the awning senses the wind and rises automatically so as not to damage the cloth.

Additionally, by placing an internal sun sensor, they automatically go down in order to keep the interior of the house cool and the use of air condition is noticeably reduced.

What`s more ideal than absolute control, which gives the necessary hints of colour in the room depending on the time of the day, the season and even the mood or occasion.

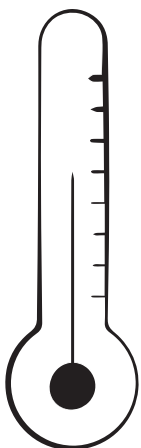


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SUBJECT: SMART AUTOMATIONS		TITLE: SHADES
STUDY: P. PAPASYMAIOU	DATE: JUNE 2018	SCALE/ SIZE: N/A A1
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Air-conditioning & Heating

When seasons are
accomplished by comfort! 28



A NOTES

The home as well as every room inside a building can always remain comfortable, by controlling the levels of temperature and humidity in every room. Depending on the situation, every room will have the right temperature, offering the advantage of significantly reducing the unwanted feeling of cold or heat.



B SPECIFICATIONS

Multiple zones can be controlled at the same time and from a single point, so that the temperature levels can be regulated very easily and in a simple manner in each room individually. In this way, each user can adjust the temperature to the desired levels, whether he is lying on the bed or even when away from home in general.

After consulting the weather station that has been installed, the system will adjust the desired temperatures according to the current weather conditions, taking into account the weather forecast.

The temperature can be adjusted according to the everyday needs of each room so that heat is not consumed unnecessarily in empty rooms which are not used. As a result, less energy consumption results in a drastic reduction in costs and at the same time every user enjoys all the comforts of the space in a better and more carefree manner than before.

An important advantage of automated room temperature is the choice of an energy-efficient temperature when rooms are empty. In parallel, programmed automatic adjustment offers the appropriate temperature when people are expected to enter the room.

A change in the pre-selected desired temperature can be achieved by using a computer or mobile phone by resetting the room temperature in an easy and simple manner.



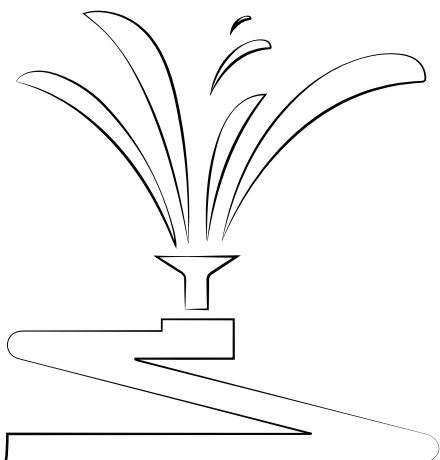
<p>piperaris smart automations 77 77 22 88</p>		
SUBJECT: SMART AUTOMATIONS		TITLE: AIR-CONDITIONING & HEATING
STUDY: P. PAPASYMAIOU	DATE: JUNE 2018	SCALE/ SIZE: N/A A1
DESIGN: E. PROKOPI	PROJECT NO.: 7.1	PAGE NO.: 29



Irrigation

The secret supremacy
of nature!

30



A NOTES

A "live" and well-groomed garden must be maintained in perfect condition. The most important condition is of course garden irrigation. Thus, automation can enable watering at the right time and not only when one gets the chance to do so. It takes into account the built-in meteorological station as well as the weather forecast.



B SPECIFICATIONS

Automation can be installed in every garden as long as there is water supply. It is not necessary to have electricity available because there is an option to use batteries with such battery life that can cover at least one irrigation period.

For a proper installation of an automation system, the most appropriate and ideal way is to distinguish between areas that have a lawn (grass, laurels) that need more watering than those areas that only have plants where watering is not as frequent but lasts longer. By making this separation, the system can be adjusted properly irrespective of the duration and frequency of watering.

By installing an irrigation automation facility in the garden, it is possible to water the garden even where residents are away from home, for a short or long period of time, without any obligation for a neighbour or a relative to come and water the garden.

An important advantage of this type of automation is that for some plants the proper watering time is at night where there is minimal evaporation and the likelihood of creation of fungus decreases. At the same time, there is higher water pressure and thus the watering system functions in a better and more efficient manner.

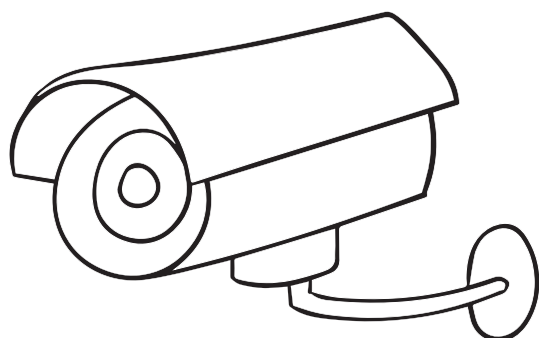
A dream garden can become a reality and at the same time waste of water can be reduced dramatically, thus improving the uniformity of watering, which means healthier and beautiful plants. All this can be achieved in a very relaxed way.

piperaris smart automations 77 77 22 88		
SUBJECT: SMART AUTOMATIONS		TITLE: IRRIGATION
STUDY: P. PAPASYMAIOU	DATE: JUNE 2018	SCALE/ SIZE: N/A A1
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Security

Luxury that leads
to safety! 32



A NOTES

The need for protection and security in every area from unwanted visitors is a need that concerns everyone.

The combination of security and automation offers the user high levels of security. Thus, with a single touch, the doors and the garage will close, and the security system will be activated at the same time. It is especially designed to be used by the whole family, by children or even by the elderly.



B SPECIFICATIONS

The main purpose of the alarm system is to prevent access by an unwanted visitor. When an unwanted visitor invades the area, sirens will be immediately activated, and the system will alert the police and the owners.

Automation in the field of security provides the system the ability to operate even in case of absence from home for a short or long period of time.

All devices such as lights, music, shades, etc. are in operation as usual according to each user's everyday life so that everything can appear to be working as if there is someone inside the house. This greatly reduces the possibility of any unwanted visitor breaking in the area.

At the same time, there is a panic mode operation application. Where motion is detected, the lights blink, and a recorded voice is heard on the loudspeakers in order to scare away any uninvited visitor. This greatly reduces the possibility that a burglar will think of breaking in the premises in order to commit a robbery.

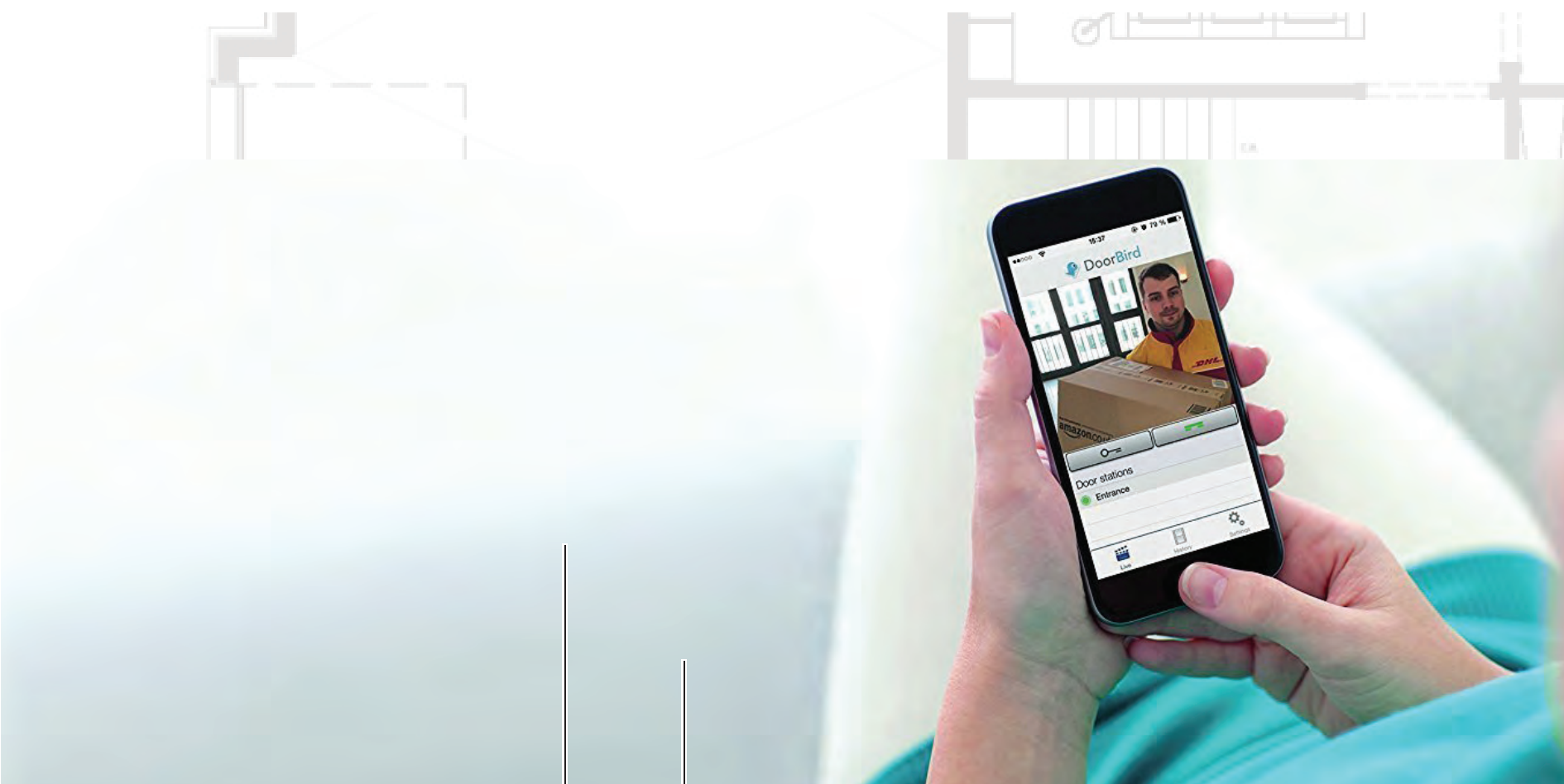
It is also possible for the alarm to be placed into partial operation at any time even where people are inside the house, by protecting only one specific area while people are in another area inside the house. The system is suitable for high importance areas such as banks, embassies etc. and it is also possible to make a division between branches.

The combination of security and automation provides the user with high levels of safety by "training" the area in order to repeat daily routines and always giving a sense of presence. The system is smart, simple and extremely innovative that completes a smart home / a modern building.



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SUBJECT:		TITLE:	
SMART AUTOMATIONS		SECURITY	
STUDY:	DATE:	SCALE/ SIZE:	
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E. PROKOPI	7,1	33	



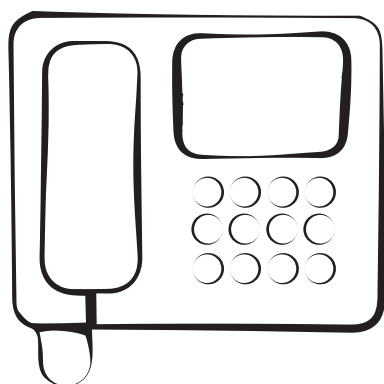
Video Door Phone

...an all seeing phenomenon!

34

A NOTES

Instant communication with every visitor knocking on the door, from wherever you may be in order to protect your family and your home from unwanted or conspicuous visitors. The video door phone is specially designed for areas with simple requirements such as homes and offices, as well as for high-demand areas such as multiple housing and residential complexes with multiple entrances of various functions.





B SPECIFICATIONS

Internationally recognized firms with many years of experience in the field of video entry systems offer modern and up-to-date models with the highest standards.

In addition, a video door phone can be connected to a computer monitor, tablet, mobile or home TV by pressing on the relevant TV channel for every user to see and check who is ringing the bell and open the door from the mobile phone or from any other preferable means.

Video door phones also have a memory of the visitors so that each user can see the persons who visited the premises in his absence.

Video door phones have a modern design according to the taste of every person and the design of each room. They come in colour or black and white, with or without a headset. Their installation and use are simple. Instead of a screen, software can be used to see the visitor on the computer or an app can be used for smartphones and tablets. In this way, communication with the visitor is possible from anywhere on the planet.

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SUBJECT:		TITLE:	
SMART AUTOMATIONS		VIDEO DOOR PHONE	
STUDY:	DATE:	SCALE/ SIZE:	
P. PAPASYMAIDOU	JUNE 2018	N/A A1	
DESIGN:	PROJECT NO.:	PAGE NO.:	
E. PROKOPI	7.1	35	

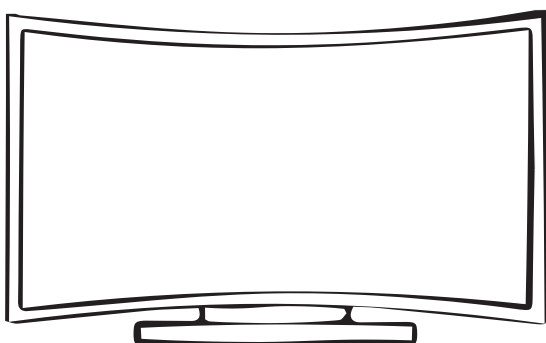


IPTV

Entertaining hospitality! 36

A NOTES

Internet Protocol Television (IPTV) is the most effective way of distributing radio and television channels in hotels and many more. With IPTV, all satellite or terrestrial channels are digitally distributed by using IP multicasting technology in order to keep signal quality unchanged and support new high definition TV standards.





B SPECIFICATIONS

In the modern age, guests' needs have increased and as a result, they now choose hotels with state-of-the-art equipment inside the rooms in order to enjoy the same services as the ones they use at home.

All hotels on the planet understand this need and improve their infrastructure so as to provide such services.

IPTV technology extends television functions beyond the usual. Televisions in hotels are no longer used only for viewing channels. It consists of a computer that is very easy to use and ensures to all the rooms excellent internet / Wi-Fi network, radio, access to the hotel menu etc.

IPTV technology creates a dynamic channel list per hotel, per room complex, per room or per visitor with multilingual channel support. In parallel, it can reschedule a channel list based on the nationality and profile of the visitor.

It can group channels based on the content and language types, while offering a choice of free channels and pay-per-view channels. An important advantage is parental PIN control so as to limit channels on the basis of age.

It is designed for uninterrupted operation and it is the most reliable solution that has been chosen by a number of hotels with unique architecture for the purpose of providing the entire range of entertainment and communication services (internet, telephony, TV) from a single IP connection in every room.

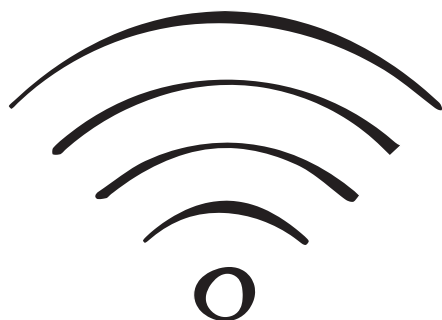
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SUBJECT: SMART AUTOMATIONS		TITLE: IPTV	
STUDY: P. PAPASYMAIDOU	DATE: JUNE 2018	SCALE/ SIZE: N/A A1	
DESIGN: E. PROKOPI	PROJECT NO.: 7.1	PAGE NO.: 37	



Data Networks

Networked Supremacy! 38



A NOTES

High performance networking technology across the space.

The most modern buildings incorporate existing internet services with the most revolutionary networking technology with the best possible quality that provides the most secure infrastructure.



B SPECIFICATIONS

Specialists in wireless network technology can create a communications centre for all wireless devices by using the technology manufactured by industry giants such as Cisco, Packedge and others.

With web-based web filtering and parental control systems, the system offers parents tranquillity and security with special filtering of all websites, preventing children from accessing adult entertainment websites and providing parents with total internet access by using their login information.

Parental control systems can also extend beyond home computers and can restrict children from having wireless access at certain times of the day, for instance from 8 pm until 6 in the morning when children have to be asleep. The result: Sweet dreams for the whole family.

At the same time, it is also an ideal solution for corporate premises such as businesses, public services, hotels etc., in view of the fact that security in web-based navigation with corporate control prevents the access of any unwanted person in any private website so that corporate and personal data remain secure and confidential.

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SUBJECT: SMART AUTOMATIONS		TITLE: DATA NETWORKS
STUDY: P. PAPASYMAIDOU	DATE: JUNE 2018	SCALE/ SIZE: N/A A1
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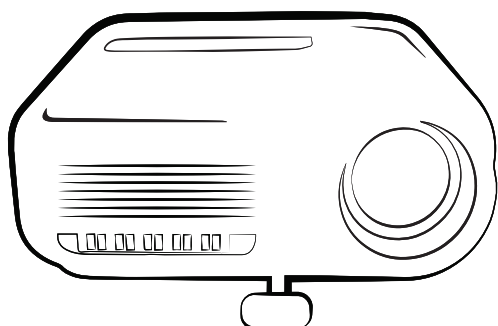
Conference Room

The absolute professional expectation!

40

A NOTES

Integrated sound, image and intelligent automation solutions for offices and buildings to simplify work and business meetings in conference rooms or in all premises. Easy deployment, use and flexibility, where businessmen and executives of every business can simply concentrate on their meetings.





B SPECIFICATIONS

Conference rooms can now be facilitated by installing a wired or wireless conferencing system that has translation and voting capabilities.

With state-of-the-art audio, projection or teleconferencing systems, communication with associates can be done in a fast and easy manner.

The touch screens of automation and control systems can easily manage the light, the shading, the screen as well as all audio-visual equipment.

Each meeting room use can use specialized, high-quality screens that have an excellent design, as well as power lift systems for conference microphones that are completely hidden from the table.

Work and presentations are not only made simple but also highly professional since presentations and meetings exceed any previous expectations.

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SUBJECT:		TITLE:	
SMART AUTOMATIONS		CONFERENCE ROOM	
STUDY:	DATE:	SCALE/ SIZE:	
P. PAPASYMAIOU	JUNE 2018	N/A A1	
DESIGN:	PROJECT NO.:	PAGE NO.:	
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Home Appliances

When everything
becomes a thing!

42

A NOTES

Everything at home can now be controlled, from the washing machine, the fridge and the oven, up to the coffee machine. With smart touchscreens and remote controls or smartphones, each room is set up for every activity and for any device with an unlimited number of possibilities, and always tailored to personal preferences and needs.





B SPECIFICATIONS

Home appliances are used in the home in order to carry out various household tasks. Previously, their absence made housework very difficult and laborious. These appliances operate with electricity and the most common are the kitchen, the fridge, the washing machine, the iron, and the oven and so on.

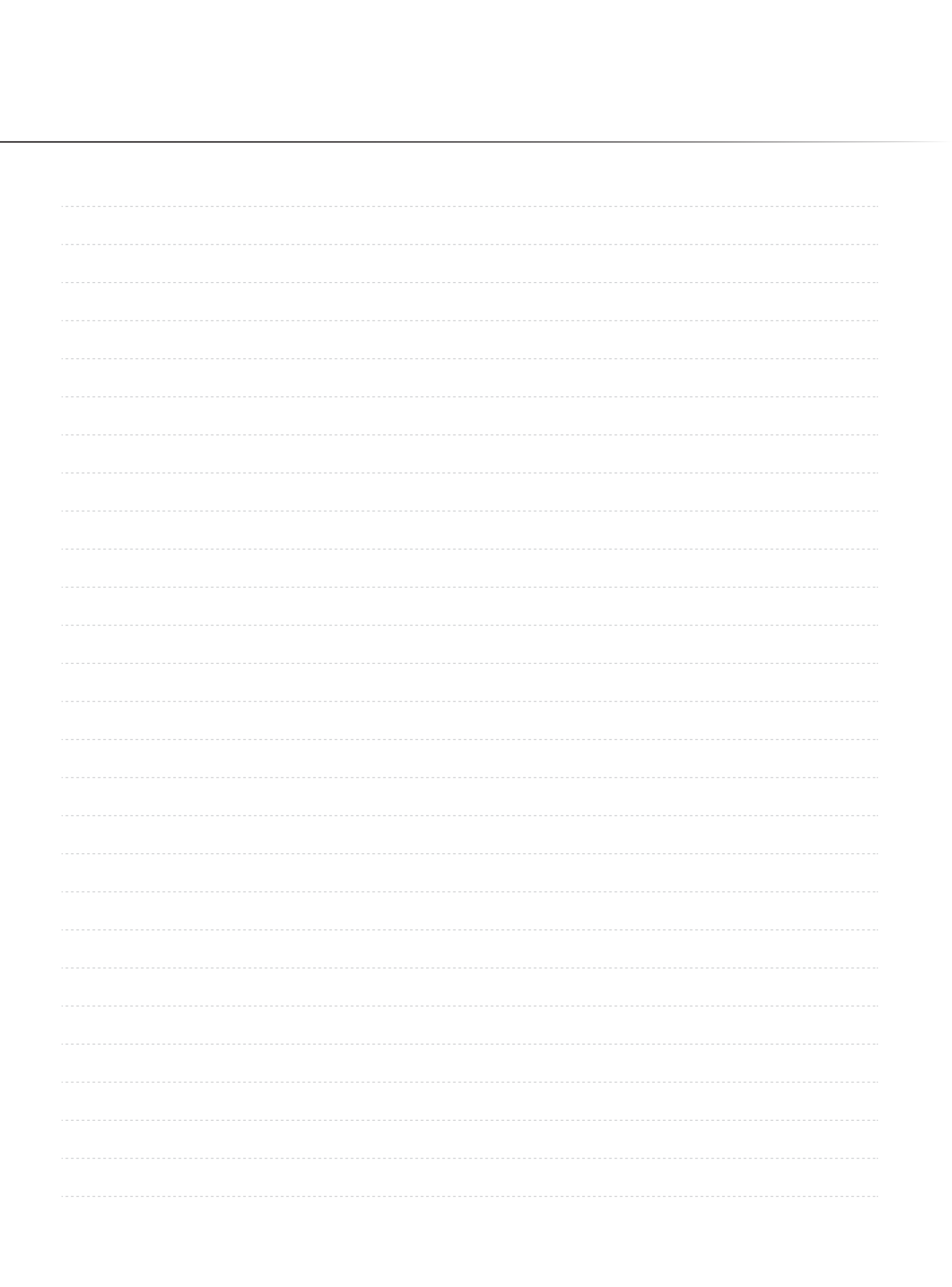
The development of technology has introduced other types of home appliances such as computers which are connected to advanced automation systems in today's state-of-the-art homes. With automation, it is possible to control all these groups of devices from one point (switch) and at the same time it enables a house to have intelligence, to think and perform automated and intelligent functions.

With automations, it is possible to control all these groups of devices from a point (switch) and at the same time enable the house to have intelligence, to think and perform automated and intelligent functions.

All devices are monitored during the user's absence by using a computer or smartphone. Such devices offer multiple features which do not only provide comfort and security but also entertain the user.

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SUBJECT: SMART AUTOMATIONS	TITLE: HOME APPLIANCES	
STUDY: P. PAPASYMAIDOU	DATE: JUNE 2018	SCALE/ SIZE: N/A A1
DESIGN: E. PROKOPI	PROJECT NO.: 7.1	PAGE NO.: 43

Notes



Partners



Our technology is applied...



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