

PRODUCT INFORMATION

HIGH POWERED, COMMERCIAL GRADE - WIRELESS EMERGENCY RESPONSE ALARM SYSTEMS



Wireless pool alarms | Sauna and steam room alarms | Panic alarms | Lone worker alarms | Disabled toilet alarms |
Pager systems | Sirens | GSM modules | Lifeguard wearable technology

Mission Statement

Raecom Emergency Alarms designs, engineers, builds and install industry leading wireless products and systems to assist the leisure industry in their emergency action plans and lifesaving efforts...

We never compromise quality or service.

Through expert knowledge, four decades worth of experience trading in this market, and an almost obsessive drive to innovate and improve, Raecom products and services can not be matched.



INDUSTRY LEADERS IN HIGH POWERED WIRELESS SAFETY ALARM SYSTEMS

Since 1981, Raecom Emergency Alarms Ltd, have been helping the leisure industry and commercial sector enhance the safety of staff and customers within their facilities.

Using innovative and advanced wireless technology to enhance emergency action plans, and improved responses to emergencies.

We ensure we deliver the very best safety alarm products, ensuring we develop equipment to meet the requirements of the industry.

From high end spa hotels, to local authority swimming pools, Raecom equipment can be found supporting the health and safety needs of any leisure facility.

Our systems are used world wide and our products include;

*Wireless lifeguard pendant alarms * Push Button Panic Alarms * Lone Worker Alarms * Accessible Toilet Pull Cord Alarms * GSM System * Text Display Control Panels * Pager Systems * Sirens and Beacons * Underwater CCTV * 2 Way Radio's *

We pride ourselves on the power and reliability of our systems, and their ease of use. These systems have been developed with the end user in mind, ensuring each system is tailored to meet your individual requirement.

"From concept to completion, the service Raecom has provided me has been outstanding and I would thoroughly recommend them to anyone considering choosing a new pool alarm & safety system..."

OUR STORY

A SYSTEM IS BORN!

Raecom were developed in the 1980's, by Colin Rae, a successful two way radio expert and supply company known as 'Rae Communications', delivering quality radio products to the commercial sector.

As a market leader in radio technologies, Rae Communications were approached by a leisure centre who were searching for a new pool emergency alarm system, however, they needed a system that was fully wireless and radio controlled!

Not known for alarm installation at the time, Colin and the team tried to help the customer locate a product that met there requirement, using contacts within the radio industry. It soon became quite apparent, that no such system was available, and the market was dominated by hardwired systems. It was this moment the seeds were planted for Raecom to develop a wireless pool alarm system, using radio technology.

Working closely with the customer to develop a system that met there requirements, and through several weeks of research and development, the first Raecom wireless pool alarm system was installed in March 1981.



ALL SYSTEMS GO!

Due to the success of the first Raecom pool alarm and the gap in the market, Raecom put all efforts in bringing this technology to centres across the United Kingdom! From meetings with health and safety executives to exhibitions, Raecom were introducing this exciting new safety alarm system to the entire industry!

Due to the ease of installation, flexibility of the equipment and the ability to match customer needs, we vastly became the market leaders in supplying and installing pool alarm systems. By 1990, Raecom had over 700 systems installed, and offered the sector more tailored products such as sauna and accessible toilet alarms.

And not forgetting our roots, these systems were complimented by the very best two way radios!

ALWAYS LOOKING TO THE FUTURE. ALWAYS INNOVATIVE

Today Raecom Emergency Alarms Ltd are still the market leaders, with a global customer base, and systems spanning across multiple sectors. Our products have been continuously developed to ensure we are at the forefront of wireless technology, and to ensure we are still delivering quality and reliable alarm products to the leisure industry.

Our mission is to stay innovative and adaptive, being ready to meet the ever changing needs of the sector. Our products are there to help staff and customers in the event of an emergency, wherever that may be.

With the development of specialist lone worker tracking devices, new high powered transmitters and underwater pool cameras, the future has never looked so bright!









Where can our systems be used?

Our wireless alarm systems can be used as part of any emergency response action plan, offering clear and effective information to staff in the event of an emergency event should one arise.

These systems are designed for businesses to ensure the well being of their staff and customers, be that implementing emergency alarms in injury prone locations or areas where staff are working alone, Raecom have solutions for any requirement.

The Raecom system, was developed for the leisure industry, which remains our core customer base to this day. We create systems tailor made to the facilities and risks associated with leisure centres, health clubs, swimming pools and gyms. Its because of this focused approach, and because of the quality of our products which makes us the preferred supplier to some of the largest leisure companies in the UK such as GLL/Better.

We have bespoke systems and products that will help any leisure provider ensure customers and staff are only a press of a button away from immediate help. We offer wireless solutions for all leisure centre health and safety concerns, such as;

- Lifeguard chair mounted pool alarms
- Lifeguard water proof pendant alarms
- Sauna and Steam Room alarms
- Accessible toilet and changing room pull cord alarms
- Lone worker 'fall detection' alarms for plant rooms
- Dry side panic alarms for gyms and studios
- Treatment rooms discreet alarms
- Pager systems
- Poolside siren systems
- And more...



Leisure Companies who choose Raecom systems...































Leisure centres and sports facilities - knowing the risks.

400 people drown in the UK every year,

and it is the third highest cause of death amongst children. (Research Completed by The Royal Life Saving Society - RLSS)

1 in every 10 people know someone who has accidentally drowned, and 1 in 5 people know someone who nearly drowned. (RLSS)

From 1990 to 2007, **114 people died from using free weights** and weight machines. It is estimated that 459,978 people were injured while exercising or using exercise equipment in 2012 in the USA.

Its not just customers who are at risk, between 2008 - 2018 there were a reported **545 major injuries** to staff and 1 fatality.

(Information provided by the Health and Safety Executive)

According to recent figures collected by Right Directions the age group most likely to suffer injury within a sports facility are those **aged 8 - 15**, **making up 32% of all logged accidents** and injuries in 2017.

84% of all injuries in leisure centres in 2017 were uncontrollable, indicating that the risk of injury is still high even when the best efforts to minimalism them are put in place.



Top 5 hotspots for leisure centre injury:

- 1. Sports Hall
- 2. Swimming Pool
- 3. Changing Rooms
 - 4. Soft Play
 - 5. Gym

Information provided by Right Directions STITCH

Alarm regulation and HSE

Swimming Pools

Health and Safety Executive HSG179 - Health and Safety in Swimming Pools

Alarms

41 Pool halls may have a number of alarms for different types of emergencies, for example fire, plant failure, help etc. Each alarm should be distinctive and it may help in buildings with a public address system to have recorded messages alerting staff to a particular type of emergency. A visual beacon may be useful in some circumstances, if for example pool users are likely to be hearing impaired and there is no other way to alert them.

42 All alarms should be tested according to the manufacturer's instructions and PSOP. Consider keeping a record of equipment and alarm checks. Where only one lifeguard is on duty at the poolside there should be adequate means, such as an assistance alarm, for summoning support rapidly to the pool area. This is essential where a single lifeguard is involved in an in-water rescue. The remaining swimmers are no longer supervised until backup lifeguards/staff arrive and the recovery of a casualty from the water often requires at least two people.

Health and Safety at Work etc Act 1974

An alarm/telephone to summon help in an emergency.

Emergency alarms where installed must have clear written instructions as to their use and a different sound from any other alarms, so that the sound is clearly identifiable as a pool alarm. Rescue equipment and alarms must be regularly checked and/or tested.

Sauna and Steam Rooms

Health and Safety Executive Practise 10

5.6 There must be a non-verbal alarm system linked to a manned reception area for summoning help when users are left unattended. The alarm should continue to sound until it is manually switched to the 'off' position in order to silence it. The user must be made aware of the alert mechanism and how to use it.

Accessible Toilets

HM Government Building Regulations: BS 8300

Accessible Toilets must be fitted with an emegrency alarm with a red cord.

Lone Workers

Health and Safety Executive INDG73

Working alone is not in itself against the law and it will often be safe to do so. However, the law requires employers to consider carefully, and then deal with, any health and safety risks for people working alone. Employers are responsible for the health, safety and welfare at work of all their workers.

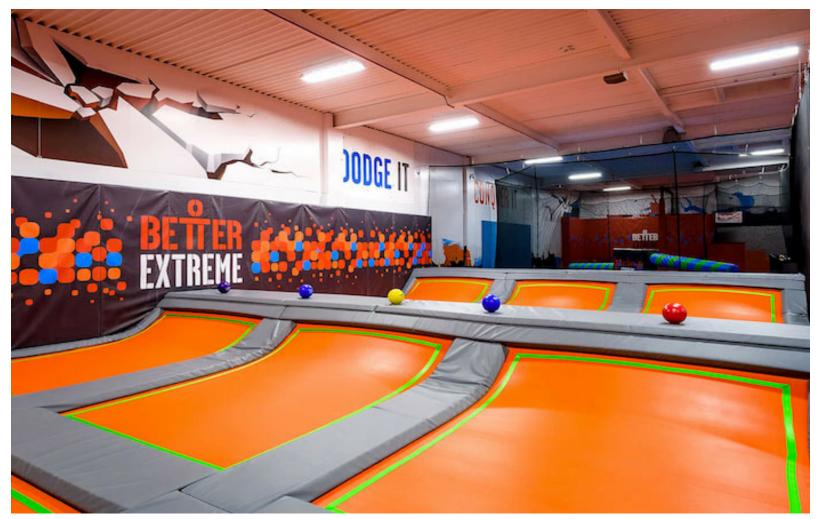
Points of interest

Raecom Emergency Alarms Ltd ensure all of our products and systems are up to date with the latest health and safety guidance and building regulations. Raecom often supercede regulation on many of our products for example our accessible toilet alarms which alert a manned reception rather than just offering a local notification.

Facility managers have to ensure they are aware that not all systems are equal, many pool alarms on the market feature red activation buttons, however, purchasing a red button could be deemed conflicting with health and safety fire regulation, where red is to be reserved for fire alarm call points only.



Our emergency response and safety alarm systems can offer a wireless solution for **any health & safety requirement...**



At our core, Raecom develop wireless emergency response alarm systems. Due to their flexibility and incredible range potential we have systems installed in many different industries. Raecom has been implemented in theme parks like Legoland, Cruise Ships like the 'explorer of the Seas and even RAF air fields! Other industries we support include;

Theme Parks

Animal Shelters and Rescue Centres

Hospitals

Retirement Homes

Schools

Banks

Air Fields

Council Offices and Civic Buildings

Cruise Ships

Factories and Industrial Manufacturing

Police Stations

Zoos

Hotels

Laboratories

And more...

Companies using Raecom systems...



















If you have a requirement for wireless emergency communication, Raecom are here to help!



Customer Feedback

From the start of the process with Raecom I have not only been impressed but thankful for the service delivery from your side. From the initial conversation to identify the system and products required, all the way through to receiving and guidance for installation. It has not been an easy time as we have experienced alot of issues this end with local customs but your constant support and assistance have been invaluable to get us to the point where the system is installed and is working to everyone's satisfaction.

Almost instant replies to emails queries and constant follow ups to ensure that we were on the right track just went that little way further to ensuring the installation and operation was a true success.

I will certainly recommend you to all of my colleagues and corporate office, as this kind of wireless systems has the potential to be in every hotel in our global network. Your products help me to meet the companies very strict Brand Safety Standards to ensure our guests have a safe and enjoyable stay at our hotel.

Thank you for your professionalism and constant support to make Crowne Plaza Doha - The Business Park a safer hotel,

J Ford - Crowne Plaza Business Park, Doha, Qatar



4 4

I have used Raecom products and services for many years now, not only because of the great range of competitively priced products they provide but also for the great service provided by the team

From Concept to completion, the service Raecom has provided to me has been outstanding and I would thoroughly recommend them to anyone considering choosing a new pool alarm system.

M Adlington GLL/BETTER



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The Raecom alarm system installed within our school swimming pool has helped us maintain our high standard of health and safety.

I was impressed with the quality of the equipment and the range capabilities of this wireless system Raecom were not only able to provide us with a solution that met our requirements, but also delivered it with total professionalism.

I would fully recommend Raecom for this type of application.

D. Evans - American School London



We have never had any problems with this system, and the engineers were always available if we had any queries.

We have always received excellent customer service and support from the team, and I fully recommend the Raecom system.

C Felix - Serco Jersey



Our Raecom wireless alarm system is a key part of our safety regime, allowing staff in kennels to summon urgent assistance from trained colleagues at the push of a button.

Our people are our most important asset and we are grateful to the team at Raecom for providing us with a reliable and cost effective solution that helps us protect them around the clock."

T Burden - Founder Riverside Centre



"We installed our first Raecom alarms in 2009.

Since then, owing to professionalism of the team, the ease of use and reliability of the equipment and after sales service, we have now replaced all the alarms in the building and have also introduced Raecom alarms to our other centre...

A. Nobel - Safety and Standards Manager







Raecom offer sponsorship and support to charities and communities. Photo: Raecom sponsored Sutton United U8's Youth Team.

Throughout our 35 year history, Raecom have supported charities and the local community, through donations and sponsorships.

Raecom have supported charities such as Riverside Animal shelter, a specialist, self funded, animal rescue centre and hospital. Riverside help injured animals and local wildlife as well as offering re-homing services to cats and dogs. Not only have Raecom supported this great charity over the years, but we were also able to offer them a Raecom system to protect staff working alone with dangerous animals.

"At the Riverside Animal Centre, we deal with stray dogs collected on behalf of our Local Authority. When these dogs arrive, we know nothing about their history and temperament and this can pose an obvious risk to our kennel staff.

Our Raecom wireless alarm system is a key part of our safety regime, allowing staff in kennels to summon urgent assistance from trained colleagues at the push of a button. Our people are our most important asset and we are grateful to the team at Raecom for providing us with a reliable and cost effective solution that helps us protect them around the clock."

Mr Ted Bunden, Founder of Riverside Animal Centre

Raecom also offer pagescribip, most recently we have proudly supported our lo United.



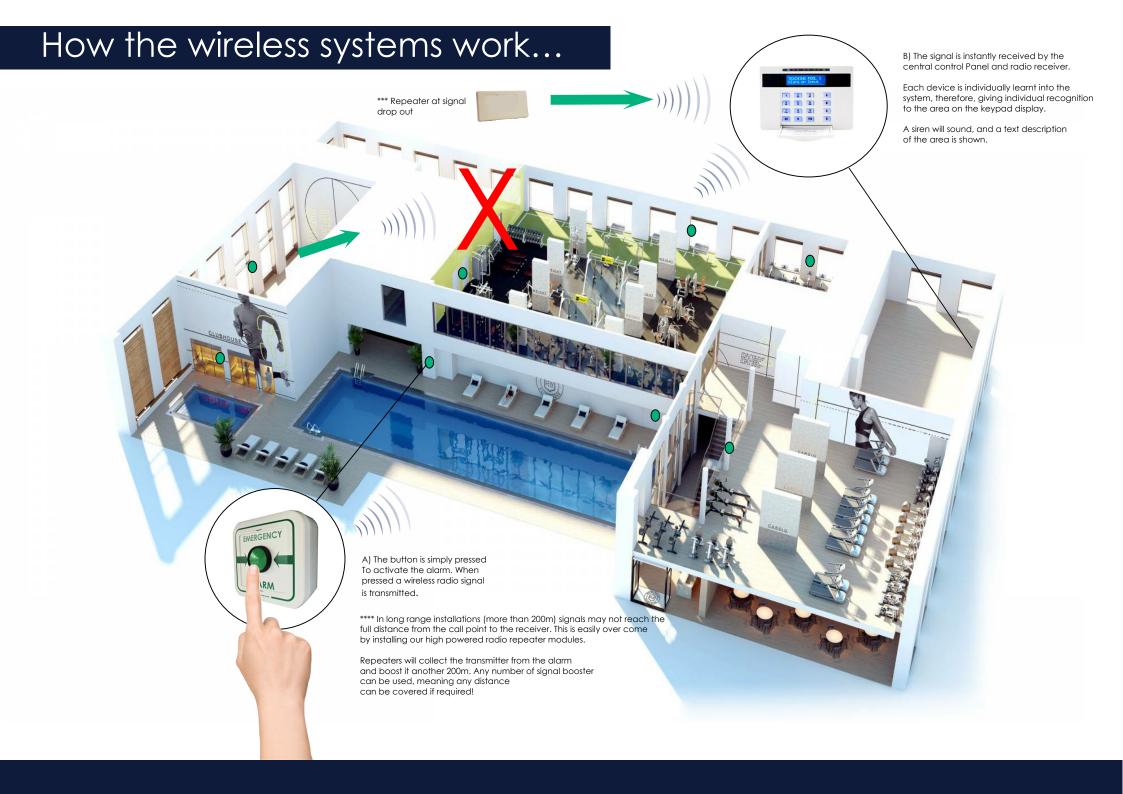
Why you **choose a wireless** system?

Don't get in a tangle with a wired system



Why wireless should be your only choice in alarm systems...

- Fast and simple installations, completed within a few hours and without the need to close off areas, allowing for your business to run as usual.
- Cost effective. A wireless system is more cost effective than a hardwired system, primarily because of lower labour costs, lower maintenance costs and reliability of the system.
- Devices can be installed and mounted where your require them! Our wireless alarms can go where no wired alarm could ever be fitted, attach them to lifeguard chairs, on flumes, water features or outside!
- Upgrade with ease! Add new call points or alarm locations with ease, completed within minuets! Or relocate an existing alarm. No wires means no fuss!
- Better suited to the harsh leisure environment. Wired systems are often effected by chlorine damage to cabling. Our wireless alarms are encased in special IP rated boxes.
- Long range, water proof and 8-9 year battery life.
- Unlimited possibilities!





The pendant alarm sends a signal to the receiver with the use of one repeater

With the use of of radio repeater modules, we really can cover any distance with our wireless alarm devices. One of the key advantages Raecom have over competitors is the fact we can use any number of repeaters also known as signal boosters as part of a single system.

If a signal booster is fitted at the point of drop out, then the signal is repeated at full distance from this drop out point.

If you keep adding repeaters as the signal drops, the signal can continue forever, essentially allowing us to cover any distance.

When using our technology in open space, huge distances can be covered, when compared with other wireless technologies such as domestic radio and Wi-Fi.

As an example -

over 1000 ft!

East Beraolt High School in South Suffolk, uses Raecom pendants within their sports facility. A teacher uses a pendant on the sports field, which can offer vital communication to staff at the sports centre should someone get hurt.

The pendant, combined with one repeater effectively covers the whole grass area and returns a signal at a distance logged at well over 1000 ft!!!





The **complete** swimming pool safety solution ...

- Wearable technology for lifeguards
- Water proof Pendant Alarms
- Lone Swimmer Wrist Strap Alarms
- Chair mounted emergency alarms
- Fully wireless pool alarms
- Poolside siren systems
- Pool motion detectors
- Underwater CCTV monitoring systems

We offer a wide range of products and systems, to help leisure centres and swimming pools be better equipped in the event of an emergency.

#saferswim







Be in control with the Sovereign System

Our Sovereign system, is our flagship control panel and receiver module. This is the central receiver for all alarm activity.

When an alarm is activated, the location would be presented on the digital text display. The system is easily operated by users, with a silencing and reset process completed by a four digit user code.

The Sovereign system offers full expansion with pager systems, additional siren and GSM module. The system offers up to 32 inputs as standard and is fully up gradable.

Overview of the Sovereign System

Key Features:

- Full Text Descriptions of Alarm Locations
- Individually Programmed w/ Unique ID's
- 24 Hour Back Up Battery
- System Logs
- Internal Monitoring
- Four Digit User Code Silencing and Reset
- 32 Inputs and 8 Zones as Standard (Upgrade to 228 Zones)
- Fob Reset Available
- Flush Mount and Stylish Keypads
- Time and Date Display
- Volume Adjustable Speaker
- Compatible with Pager Systems and GSM modules

A traditional set up would see a Sovereign system installed at the reception / front desk, and would act as the central point of contact in the event of an emergency.

Once an alarm is activated, a text display is presented on the blue keypad screen, and the user can take action.

Additionally. The Sovereign can be linked with other communication devices such as pager modules, GSM modules, beacon sounders and PA systems for automatic announcements.

Any number of panels can be implemented as part of a system set up, each activating at the same time, so panels can also be included in managers offices, staff rooms and gyms, to allow for the maximum number of staff to be available in the event of an emergency.



Our stylish keypads come in 5 different designs; white (standard), Black, Gold, Brushed Chrome and Satin Chrome - all which can be flush mounted if desired. This helps the alarm fit with the surrounding décor and design of the modern health club and high end facilities.

The system sits in idle with the back lit blue display, time and Raecom branding. Upon activation, three things will happen;

- 1. Alarm siren / speaker sounds
- 2. Alert bar (above display) flashes amber and red
- 3. The alarm location will display on the screen

From here, the user enters the four digit user code, to silence the alarm. This will keep the location displayed for other members of staff. Once ready a single reset button is pressed.



The panel speaker can be set to 7 different volume settings to your choosing.

The digital text display of alarm locations gives clear information to staff of where they need to go.



A range of keypad options and upgrades









The UK's leading supplier of sauna & steam room panic alarms

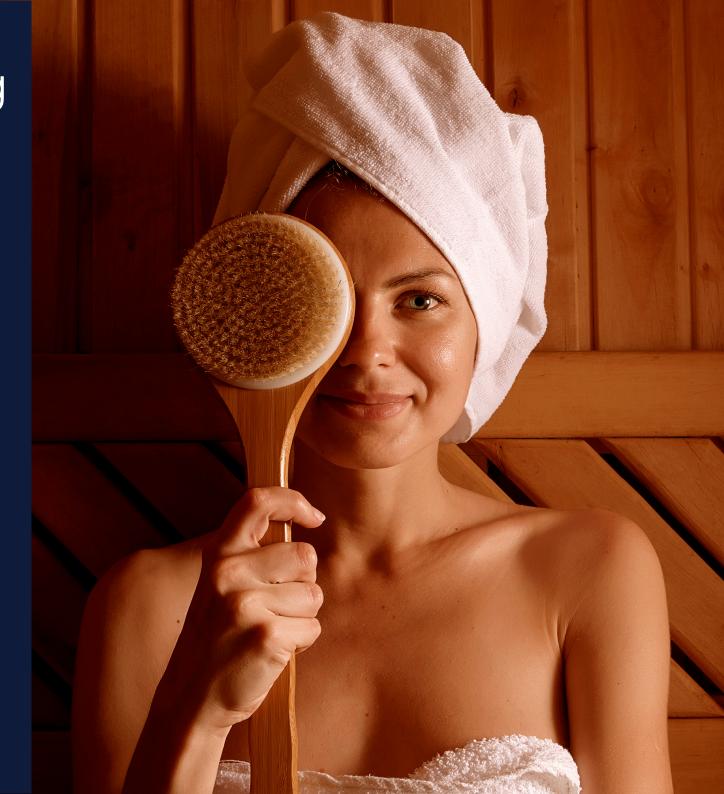
Raecom were the first company to bring sauna and steam room emergency alarms to the market. There are many risks associated with saunas and steam rooms, if not used correctly.

Our specialist sauna and steam room alarms have been developed to offer effective and reliable coverage both inside and outside the cabins. Using air switch technology our alarms offer a solutions that work within these harsh environments, where traditional methods desperately fail.

HOW THEY WORK?

Raecom install a wireless push button alarm on the outside of the sauna wall, this connects via an air pipe through the sauna to an internal air bellow allowing for two activation points!

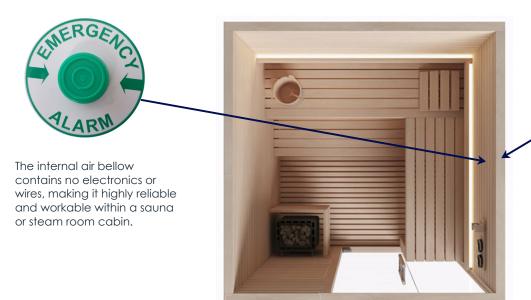
It also means that no electronics or wires are contained inside the sauna or steam room, allowing for long term workability.



How Raecom sauna alarms work...

The sauna alarms consist of two components -

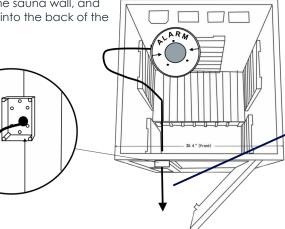
- 1. An internal air bellow alarm and
- 2. An exterior press button alarm.

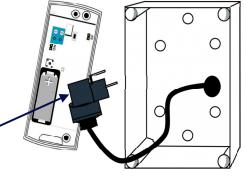




The wireless transmitter is contained with in the external call point. This ensures a better working environment and offers two activation points.

The air bellow is connected to the external alarm via an air pipe. The air pipe is fed through a 10mm hole made through the sauna wall, and connects into the back of the alarm.





The air pipe then connects to an air switch, which will trigger the external alarm when air is pushed through the pipe, offering robust solution to you sauna safety.

Overview of Sauna and Steam Room Alarms

Key Features:

- Product Code: RA534TX
- Internal and External Activation Point
- Heat and Water Proof
- Air Switch Technology
- Air Bellow and Air Pipe
- No Electronics or wires internally
- Fully Wireless
- IP68 Rated
- Dimensions: (H) 120mm x (D) 80mm x (W) 55mm
- Tamper Protected
- 8-9 Year 3V Battery
- Single Press Activation
- License Free, European Frequency
- 868MHz locked frequency
- Screen Printed HSE Approved
- Resets from Receiver
- Quick Release
- Durable
- Long Range
- Custom boxes available

Our specialist sauna and steam room alarms have been designed to provide effective and re,liable coverage inside a cabin, often to barsh for electronics or wires.

We have developed a robust system that uses air switch technology that allows for long lasting alarm coverage inside a sauna or steam room.



Two types of lone worker alarms to keep staff safe...

Local / Site Based



KEY FEATURES

- Compatible with the Raecom Equipment
- Highly Powerful 868 MHz wireless pendant.
- Activations occur manually or by the automatic t'Fall Detection
- Belt clip and Pendant attachment included.
- Highly Durable.
- Bleep and Vibrate Warning
- Red LED notification of alarm trigger.
- Suitable for Plant Rooms, Chemical Stores
- 5 year battery life
- 868 MHz Fully wireless Alarm

This site based lone worker is to be used within your building. It sends wireless communication back to Raecom control panels and equipment, with text displays of alarm locations. The alarm can be manually activated by the user, or automatically via the fall detection feature or 'man down'.

The alarm when tilted will bleep and vibrate, indicating to the user the device is in alarm mode. If the user is unable to straighten the alarm, then it will generate a signal to all receivers for immediate notification.

The unit is ideal for lone working out of hours staff, as well as staff alone in plant rooms and chemical stores.

Remote / Off Site

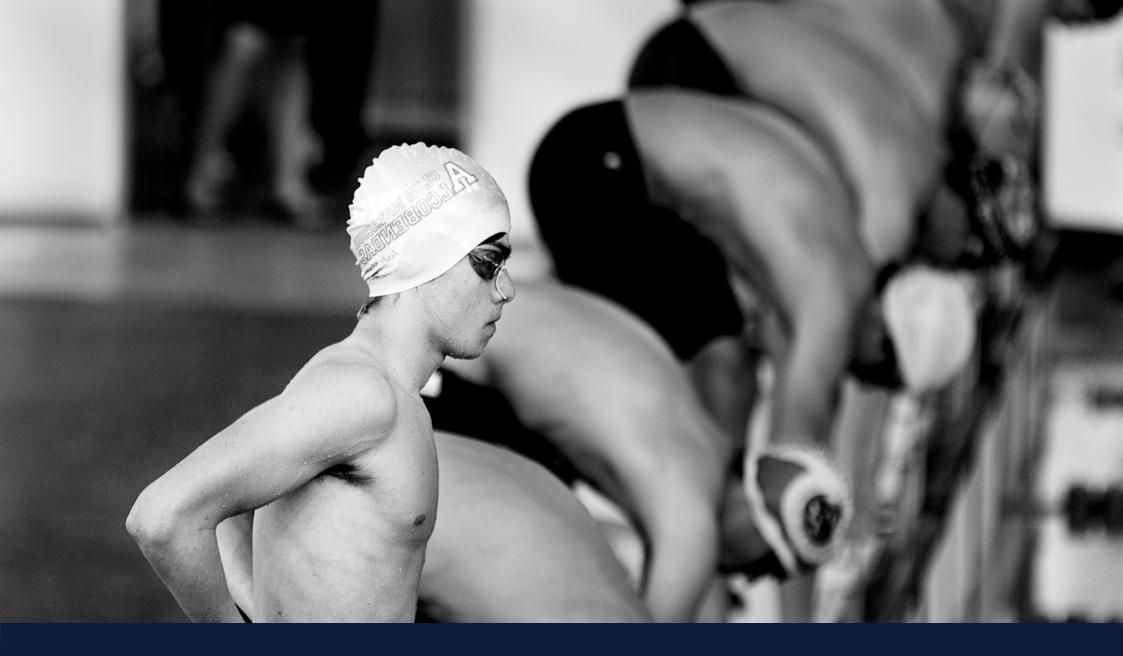


KEY FEATURES

- Stand Alone device to offer protection to remote lone workers
- SOS Button Activation
- Fall Detection with Automated Communication
- Long Battery Life between charging (3-4 Days)
- SMS Messages sent to 3 numbers with Alarm information
- Google Map location
- Water and Dust proof
- Voice Dialled Two Way Communications between user & receiver
- Speed Tracking
- SIM Operated

This site based lone worker is to be used within your building. It sends wireless communication back to Raecom control panels and equipment, with text displays of alarm locations. The alarm can be manually activated by the user, or automatically via the fall detection feature or 'man down'.

The alarm when tilted will bleep and vibrate, indicating to the user the device is in alarm mode. If the user is unable to straighten the alarm, then it will generate a signal to all receivers for immediate notification.



Simple, yet effective alarming with the Junior System!

Overview of the Junior System

Key Features:

- Simple, yet effective single zone receiver module
- Simple and Fast installation designed for end user
- Blue Flashing LED Visual Indication
- 115 Db Siren Audible Indication
- On board reset button
- 12v Power supply
- 16 programmable alarm inputs (1 Zone)
- Preprogrammed, plug and play.
- Designed for customer fitting and installation
- Compatible with Pager Systems and GSM modules

The Raecom Junior system is a cost effective wireless alarm receiver and sounder module, designed with the end user in mind.

Unlike the Sovereign system, it does not have a text displays of the alarm area when activated, but indicates via a blue flashing LED siren, making it an ideal solution for single zone coverage such as a swimming pool or gym.

The receiver can have up to 16 alarm devices programmed, and has been designed for customers to install making it a budget friendly solutions!

While the Junior system is simple, it is by no means less effective...

Still operating with our powerful long range alarms and flexibility with compatible equipment, the Junior can enhance the safety of your staff and customers!

Junior Receiver



Select a ready to go kit, or build your own!



KIT 1:

X1 Junior Receiver Module and Sounder X1 RU534TX Wireless Push Button Alarm



KIT 2:

X1 Junior Receiver Module and Sounder X4 RU534TX Wireless Push Button Alarm



KIT 3:

X1 Junior Receiver Module and Sounder X1 RA534TX Wireless Sauna Alarm



KIT 4:

X1 Junior Receiver Module and Sounder X1 RDP534TX Double Button Pendant



KIT 5

X1 Junior Receiver Module and Sounder X4 RDP534TX Double Button Pendants



KIT 6:

X1 Junior Receiver Module and Sounder X1 RMD10TX Lone Worker Alarm

Wearable technology developed for lifeguards

Pendant alarms provide an instant emergency call point to lifeguards and removes the need to access a fixed positioned alarm, saving vital time in the event of an emergency.

Our pendant alarms can be worn As pendants around a guards neck, or on the wrist.

The alarms are fully waterproof, allowing Entry into the pool without damaging the device.

WHY CHOOSE PENDANTS OVER TRADITIONAL ALARM CALL POINTS?

- Ideal for roaming lifeguards, and lifeguards at the top of flumes.
- Faster alarm activations = fast water entry times
- Can be used by lone swimmers!
- All staff can be equipped with a panic alarm
- Can be used in other environments such as fitness instructors or off site such as sports fields

KEY FEATURES OF PENDANT ALARMS:

- Long Range
- Fully Water Proof
- Double or Single Button Variations
- LED Notification
- Long battery life
- Can be worn as pendant or on the wrist
- Versatile and Mobile
- Lightweight



Pendant Types



Double Button Water Resistant

Double button, water resistant pendant is ideal for use on poolside. The alarm is activated by pressing both buttons at the same time. The double button feature prevents accidental activations. Fully wireless, 868MHz transmitter. LED notification. Black.



Single Button Water Resistant

Single button, water resistant pendant is ideal for use on poolside. The alarm is activated by pressing the single button. Fully wireless, 868MHz transmitter. LED notification. White



Single Button Pendant

Single button pendant alarm, fully wireless, 868MHz. LED notification. White.

Wearable Solutions



Necklace / Pendant

A range of material, metal or plastic neck lace designs to choose from, or add your own!



Wrist worn

Wrist strap available to wear like a watch. Available in different sizes for the perfect fit.



Belt clip

Wear on trousers or a belt with this belt clip conversion kit.



Arm Aqua Pack

Wear on trousers or a belt with this belt clip conversion kit. Ideal for lifeguards. Can be worn on arm, and is also 100% waterproof so can be taken into the pool.



High powered wireless pull cord emergency alarms

It is a legal requirement that all public accessible toilets and changing rooms are fitted with a refuge or emergency assistance alarm. Rather than having a separate system for all of your accessible toilet pull cord alarms, Raecom offer fully wireless pull cord alarms that are linked into one central emergency control panel.

Building regulations say alarms must sound outside the toilet cubical...

but that doesn't mean directly outside the cubical!

Key Features;

- * Fully wireless alarm
- * 8-9 Year Battery
- * IP68 Rated, can be installed in wet rooms and showers
- * Red and White 1m Pull Cord
- * Text Display of alarm location
- * All alarms on one panel
- * Supercedes Building Regulations





Communication is vital in an emergency, hence we offer a range of signally devices to **reach staff when an alarm is pressed.**

Alarm communications

In an emergency event, it is highly important you have as many staff as possible to assist. This could be the difference of life or death. Besides our standard receiver modules at a central location, Reacom offer several different means of staff communication, to help reach more people when they are needed most.

All of our products and systems are compatible with the following modules and parts, helping you achieve a better communication system be that through remote audible alerts in staff areas, or targeting key first aids via pagers or mobile phones.

GSM Voice and SMS Dialler Modules



Alert staff to an emergency via their own mobile or land line telephone. With GSM modules a prerecorded message can dial up to 9 telephone numbers indicating which alarm is pressed, along with SMS.

Remote Beacon Sounder Modules and Sirens



Our remote sounder modules remove the need for extensive wiring across your building.

Using an additional receiver modules sirens and beacons can be installed anywhere in your building to offer an audible notification to staff that the emergency alarm has been activated. Ideal for staff rooms and pool halls.

Alpha Numeric Mobile Pager Systems



Pager systems can communicate alarm data to staff anywhere within a building. Upon activation a bleep and vibrating pager will sound and provide a text description of the alarm area on the pagers screen.

Integration with Public Address Systems (PA)



Many centres use public address systems, and our main panels offer a simple link up with most PA manufacturers, allowing for the alarm to be heard throughout the building with ease.

Handheld Two-Way Rechargeable Radio's



A staple piece of equipment used by leisure and sports facilities. Our water resistant radios are sold at a competitive price, and offer a simple, yet effective means of communicating with staff.



Reach new heights of health & safety

Bespoke wireless systems for trampoline parks & climbing areas

Trampoline park are a highly popular new venue with new centres popping up all over the country!

Trampoline Parks are a fun place for kids, and a great way of buring some energy, however, they do pose high risks of injury, hence why Raecom offer systems that are easily incorporated in these unique environments... By offering wireless alarms, devices can be installed in any location, without fear of obstructing features or posing a risk to customers. Additionally, pendant alarms are a fantastic solution for park attendants.

Examples of trampoline parks using Raecom...

- Sutton Trampoline Park, Surrey
- Waltham Forest Feel Good Centre and Extreme Park, London
- Barky Sports House, London
- Gosling Sports Park, Hertfordshire
- Extreme Park, Newcastle
- Bath Sports Centre and Leisure Complex, Bath

Not just trampoline parks!

- Ice Rinks
- Skate Parks
- Bowling
- Climbina Walls
- Activity Centres
- Soft Plays
- Zip Lines
- Theme Parks
- Water Parks







Offering unique solutions to unique applications...



'Surf Snowdonia offers a great insight into the range capabilities of our wireless alarm products...'

Case Study:



Surf Snowdonia is an artificial wave pool at Dolgarrog in the Conwy valley, north Wales, owned by Conwy Adventure Leisure Ltd. This exciting and adrenaline filled venue is the world's first commercial artificial surfing lake!

"It's been a pleasure to work with Raecom. Everyone I have spoken with has been polite, professional and knowledgeable. The alarm system was installed quickly and efficiently with minimal disruption to the day to day running of the business."

Kylie Roberts
Safety & Operations Manager

Overview

- Lifeguards are positioned around the wave pool. The pool is 300 metres (980 ft) long and 110 metres (360 ft) wide, containing a total of six million gallons of water.
- Each lifeguard is equipped with a Raecom wearable lifeguard pendant alarm, to help alert staff in the event of a pool emergency.
- The lifeguard pendants alert a Raecom Junior Receiver located in the 'Wave Control'. A blue flashing LED siren indicates to the emergency team to instantly stop the artificial wave machine, so the emergency action plan can be put in place.
- Our wireless devices, with the support of only two signal boosters, provides full wireless alarm coverage across the large site, without any radio dead spots!







The complete alarm solution for outdoor pools & lidos

Raecom systems work perfectly for outdoor swimming pools and lidos. As all the alarms are wireless, implementing the technology to an existing centre is completed with ease.

Our waterproof alarms mean they will not become effected by the elements, and wireless call points allow for installation to lifequard chairs and awkward positions.

Oh, and range will never be a problem for our transmitters!

Examples of Lidos and Outdoor Pools using Raecom...

- Charlton Lido, London
- Finchely Lido, London
- London Fields Lido, London,
- Hampton Pool, Middlesex
- Sandford Park Lido, Cheltenham
- Runnymede Hotel and Spa, Windsor
- Mawbs Bridge Caravan Park, West Wales
- Brean Leisure Complex, Somerset
- Downtown YMCA, Washington DC
- Soho House, Roof Top Pool, London
- Jesus Green Lido, Cambridge
- Abbey Meadows Pool, London
- Splash Leisure Complex, Norfolk
- Hitchin Swim Centre, Hertfordshire



How Raecom can be used In a lido or outdoor pool...

Our high powered call points are fully water proof and can be installed outside. They can be wall mounted or attached to lifeguard chairs.





Central keypad can be installed at the reception, to indicate an alarm activation to staff. From here additional support can be sent to the pool and emergency services contacted.





An audible alert on poolside can provide a loud siren to indicate to local lifeguards and staff that an emergency is in place.



Water proof pendant alarms can be used by lifeguards so they have an instantly accessible alarm regardless of their position. Ideal for roaming lifeguards.



Faster activations!
Instant reach for
lifeguards
with **chair mounted**pool alarms

It's wireless, It's powerful, It's versatile.

Key Features:

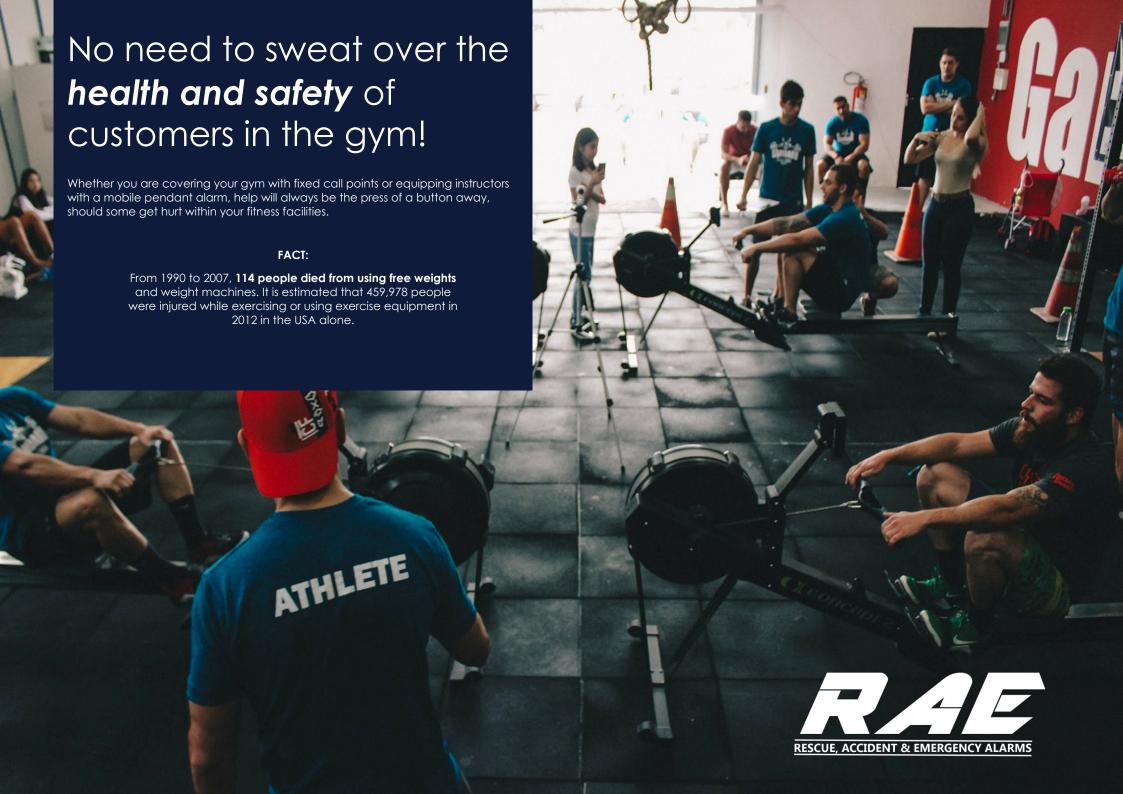
- Fully Wireless
- IP68 Rated
- Dimensions: (H) 120mm x (D) 80mm x (W) 55mm
- Tamper Protected
- 8-9 Year 3V Battery
- Single Press Activation
- License Free, European Frequency
- 868MHz locked frequency
- Screen Printed HSE Approved
- Resets from Receiver
- Quick Release
- Durable
- Long Range
- Custom boxes available

The RU534TX universal wireless push button alarm call point is designed to offer the most powerful wireless alarm coverage on the market.

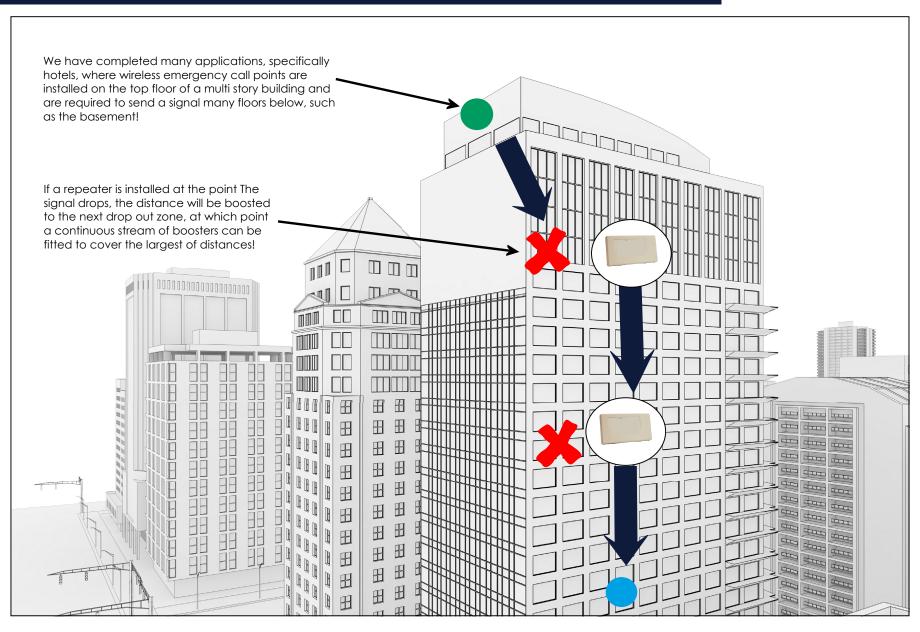
The alarm uses a specialist 868MHz RF transmitter to communicate with our panels and receivers. The locked frequency delivers not only exceptional range over long distance, but impressive penetration through walls and multi level buildings. This is achieved through the radio transmitters sophisticated signal, which codes four frequencies from one device to ensure powerful probing on the toughest of applications.

Can be installed in any location as an emergency call point.

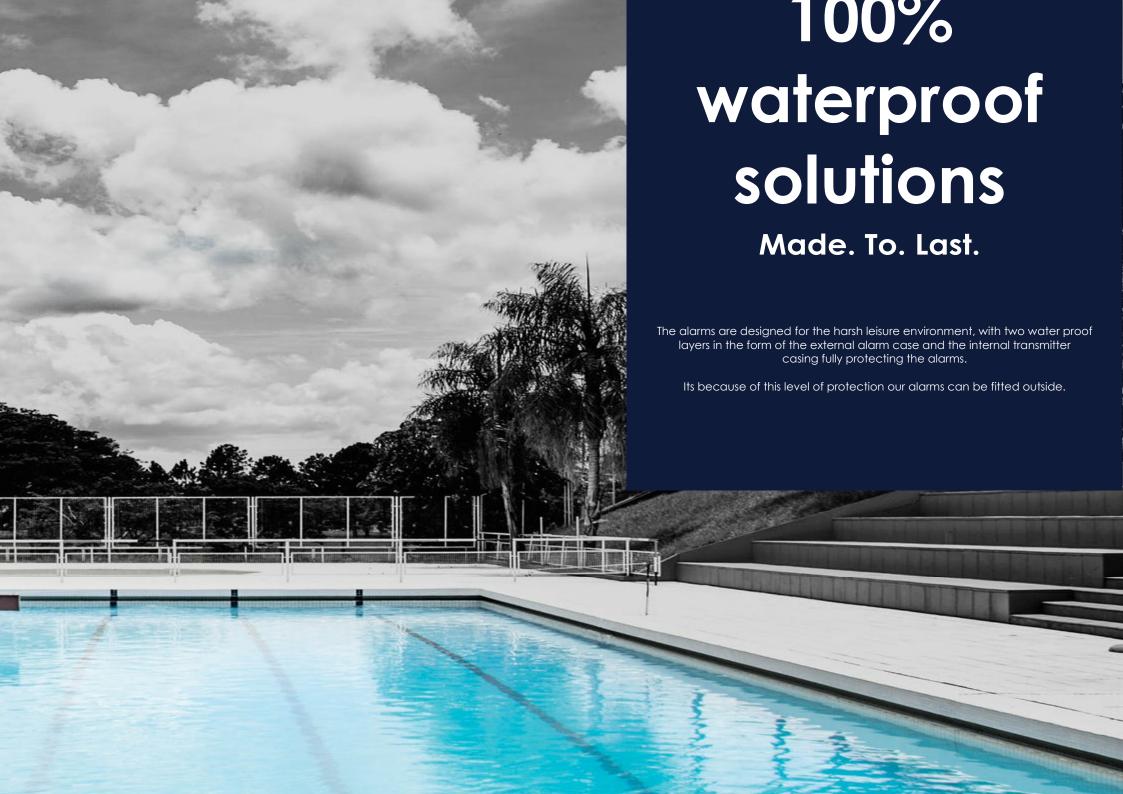




Wireless over multi level buildings with repeaters...









Did you know we supply & install our systems globally?

RECEIVERS & CONTROL PANELS

Receivers are the the vital component in sharing information about alarm activations. Typically fitted at a reception or staff office, customers can have any number of receivers as part of their system. We have options such as our Sovereign system that offers a digital text description of alarm areas, or more basic solutions such as our audible and visual Junior receiver.



Part Code: SOV868 Sovereign Receiver and Control Panel

Description:

Central control panel and receiver module for your alarms. Includes standard Raecom keypad, back up battery, speaker and receiver module. Offers digital text display of alarm location. 12 Zones | 32 Inputs



Part Code: SOVKP005 Sovereign Upgraded Keypad

Description:

'Gold Sovereign Keypad'. Upgraded, stylish and slimmer keypad design for your Sovereign System. Digital Text displays of alarm locations, w/ system logs and four digit user code reset.



Part Code: SOVKP002 Sovereign Upgraded Keypad

Description:

'Chrome Sovereign Keypad'. Upgraded, stylish and slimmer keypad design for your Sovereign System. Digital Text displays of alarm locations, w/ system logs and four digit user code reset.



Part Code: SOVF001

Description:

Pack of 5 user key fobs for silencing and resetting the alarm panel rather than using the four digit user code.



Part Code: SOVKP003 Sovereign Upgraded Keypad

Description:

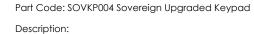
'Brushed Chrome Sovereign Keypad'. Upgraded, stylish and slimmer keypad design for your Sovereign System. Digital Text displays of alarm locations, w/ system logs and four digit user code reset.



Part Code: JUN868

Description:

Raecom Junior System. Single Zone Audible and Visual Siren Alarm Receiver w/ Blue Flashing LED's. Can hold 32 inputs. All inclusive module with PSU, reset button and siren.



'Black Sovereign Keypad'. Upgraded, stylish and slimmer keypad design for your Sovereign System. Digital Text displays of alarm locations, w/ system logs and four digit user code reset.



Part Code: SCPMON

Description:

Alpha Numeric Pager System w/ Text Display Pagers. Indicate alarm messages to staff anywhere within the building with this long range communication tool.

Alarms and Wireless Transmitters



Part Code: RU534TX

Description:

Wireless High Powered Universal Emergency Alarm and Transmitter. Can be wall mounted or attached to chairs. Can be used for any emergency response application. IP68 Rated. 8-9 Year Battery. Long Range. License Free.

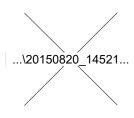


Part Code: RU534TX

Description:

Wireless High Powered Universal Emergency Alarm and Transmitter. Can be wall mounted or attached to chairs. Can be used for any emergency response application. IP68 Rated. 8-9 Year Battery. Long Range.





Part Code: RA534TX

Description:

Wireless High Powered Internal and External Sauna and Steam Room alarm transmitter w/ Air Switch technology. Provides effective and reliable; e coverage in the harsh sauna and steam room cabin. UK's number one supplier of sauna and steam room alarms.



Part Code: RU534TX

Description:

Wireless High Powered Universal Emergency Alarm and Transmitter. Can be wall mounted or attached to chairs. Can be used for any emergency response application. IP68 Rated. 8-9 Year Battery. Long Range.

License Free.



Part Code: RP534TX

Description:

Accessible Toilet and Shower Alarms. Incorporate all emergency alarms into one system, with our wireless pull cord accessible WC alarms. Devices can be linked in with text display panels, pagers and more. 8-9 Year Battery, IP68 Rated.



Part Code: RMD10TX

Description:

Wireless Raecom Lone Worker Alarm Pendant w/ Automated Alarms and Fall Detection, Ideal for Lone Workers, bleep and vibrate notification.



Part Code: RGPSLW

Description:

GPS Lone Worker alarm for off site and lone working staff. Provides two way communication between the user and receiver via the included SIM card. The device also features Google Maps pin point location and fall detection.



Part Code: R3W10TX

Description:

Three condition pendant alarm. Send three different alarm messages with one device. Ideal for roaming staff.

Additional Equipment



Part Code: RAE5000

Description:

Radio repeater module and alarm signal booster.
Allows for increased range. Boosts all devices in system.
Any number of repeaters can be used to ensure any range can be achieved.



Part Code: BCS003

Description:

Beacon Sounders with various colours and tones to help alert staff in an emergency.



Part Code: PBS001

Description:

Audible and Visual Poolside Sounder Module, w/ Blue flashing LED's. Offers notification of a pool alarm activation. Can be reset manually or automatically via the onboard timer.



Part Code: RAEGSM2

Description:

GSM Voice and SMS Dialler. Receiver notification of a Raecom alarm activation to your mobile phone via SMS or a voiced dialled message. PAYG or Pay Monthly.



Part Code: RWS569

Description:

12V Upgraded siren. Fully weather proof LOUD siren for larger pools or outdoor installation.



Part Code: VEX2-9

Description: Vertex 2 Way Radios

Keep in communication with staff with Vertex water resistant commercial radios. Raecom are an approved Vertex Radio Dealer.



Part Code: RWS568

Description:

12V Upgraded siren. Indoor Pool Siren

Part Code:

Description:

4K UHD Underwater Pool Camera Systems. Provides live images of under the pool surface direct to a HD monitor on the lifeguard high chair. Specilist system designed to help lifeguards see more. Privacy concerns do not have to be worried about, non recording software! Live images only.

Accessories



Part Code: RMD10TX

Description:

Wireless Raecom Lone Worker Alarm Pendant w/ Automated Alarms and Fall Detection. Ideal for Lone Workers, bleep and vibrate notification.



Part Code: aqua001

Description:

Aqua Pack for pendant alarms.



Part Code: PWW001

Description:

Wrist worn pendant accessory available in S, M and L



Part Code: pn001

Description:

Necklace/Lanyard for pendant alarms



Part Code: PWW001

Description:

Wrist worn pendant accessory available in S, M and L





Part Code: RMD10TX

Description:

Wireless Raecom Lone Worker Alarm Pendant w/ Automated Alarms and Fall Detection. Ideal for Lone Workers, bleep and vibrate notification.



Part Code: PBC001

Description:

Belt Clip Accessory



Part Code: R3W10TX

Description:

Three condition pendant alarm. Send three different alarm messages with one device. Ideal for roaming staff.

Parts and Components



Part Code: RAE5000

Description:

Radio repeater module and alarm signal booster.
Allows for increased range. Boosts all devices in system.
Any number of repeaters can be used to ensure any range can be achieved.



Part Code: BCS003

Description:

Beacon Sounders with various colours and tones to help alert staff in an emergency.



Part Code: PBS001

Description:

Audible and Visual Poolside Sounder Module, w/ Blue flashing LED's. Offers notification of a pool alarm activation. Can be reset manually or automatically via the onboard timer.



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Description:

GSM Voice and SMS Dialler. Receiver notification of a Raecom alarm activation to your mobile phone via SMS or a voiced dialled message. PAYG or Pay Monthly.



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Description:

12V Upgraded siren. Fully weather proof LOUD siren for larger pools or outdoor installation.



Part Code: VEX2-9

Description: Vertex 2 Way Radios

Keep in communication with staff with Vertex water resistant commercial radios. Raecom are an approved Vertex Radio Dealer.



Part Code: RWS568

Description:

12V Upgraded siren. Indoor Pool Siren

Part Code:

Description:

4K UHD Underwater Pool Camera Systems. Provides live images of under the pool surface direct to a HD monitor on the lifeguard high chair. Specilist system designed to help lifeguards see more. Privacy concerns do not have to be worried about, non recording software! Live images only.



Quotation Request Form

Raecom offer free site surveys and demonstrations fro our sales representatives, however, due to the fact all of our systems are wireless, and our vast knowledge of the leisure industry, we are able to supply a quotation based on a few bits of information. If you would like to receive a bespoke system design and quotation, please complete below and email it to sales@raecom.co.uk.

Name:	Site Name:
Email:	Address:
Tel:	
Company:	
Please indicate below which products you are interested in.	Post Code
Qty	Additional information you may want to tell us such as location names etc
SOV868 Sovereign System w/ Keypad REE5000 Radio R	Repeater Module
RU534TX Wireless Push Button Call Point RAEGSM2 GSM	1 Module & Dialler
RA534TX Wireless Sauna Call Point JUN868 Junior Re	Receiver and Sounder Module
RP534TX Wireless Pull Cord Call Point VEX29 Water Re	es 2 Way Radio
RDP534TX Double Button Pendant R3W10TX 3 Cond	ndition Pendant Alarm
RSP534TX Single Button Pendant	
RMD10 Site Based Lone Worker Device	
RGPSLW GPS Lone Worker Device	
RBS16R Poolside Sounder Module	
RBS16MR Additional Siren System	
SCPMON Pager System 10 Zone	
To help identify if you need any signal boosters:	
Estimated distance of furthest alarm: metres/feet	et



Support and Maintenance

Raecom offer customers full support and aftercare when you have one of our systems installed. We pride ourselves on the reliability of our systems, this is why each installed system comes inclusive of a five year parts and labour warranty.

- 5 Year Parts and Labour Warranty
- Non Contractual Servicing
- 24 Hour Telephone Support

We offer non contractual annual servicing on our systems. Customer simply place an order when the service is due.

Service Package Examples...

Bronze Service Package

- Engineer Full System Test and Health Check
- System Maintenance Report
- System Log Upload and Inspection
- Certificate of Service
- Signal Test and Calibration
- Housing Terminal Clean
- Programming Updates

Silver Service Package

- Engineer Full System Test and Health Check
- System Maintenance Report
- System Log Upload and Inspection
- Certificate of Service
- Signal Test and Calibration
- Housing Terminal Clean
- Programming Updates
- System Software Update
- Parts Included
- PCB Clean
- Chlorine Protection Treatment* CPT

Gold Service Package

- Engineer Full System Test and Health Check
- System Maintenance Report
- System Log Upload and Inspection
- Certificate of Service
- Signal Test and Calibration
- Housing Terminal Clean
- Programming Updates
- System Software Update
- Parts Included
- PCB Clean
- Chlorine Protection Treatment* CPT
- 24 Hour Telephone Support line
- Engineer Call Outs Included
- Extended Warranty
- Two Service Visit per Year









Where to buy...



UNITED KINGDOM & REST OF THE WORLD

Raecom supply and install our systems worldwide. Due to the flexibility of our wireless systems, they are preprogrammed before shipping allowing for simple end user fitting. Raecom supply Europe, USA, Russia, Asia.

We also install nationally across the United Kingdom and offer international engineer services.

Raecom Emergency Alarms Ltd, offer credit accounts to leisure centres, leisure management companies, local authorities and more. Contact us to set up a credit account today!

Address:

Raecom Emergency Alarms Head Office Unit 1, Henley Avenue Sutton Surrey SM3 9SF United Kingdom

Phone: +44 01306 887 477



IRELAND

Complete Leisure Supplies Ltd, Ireland, are the premier supplier of leisure supplies in Ireland.

Specialising in chemicals and accessories for commercial pools, CLS are also Irelands only approved distributor and installer of Raecom equipment in Ireland.

Complete leisure supplies are winners of Ireland Actives 2019 suppliers of the year.

Address:
Monatrea Industrial Estate,
Maynooth Rd,
Celbridge,
Co. Kildare,
Ireland

Phone: +353 1 627 9070



MIDDLE EAST

The Middles East's largest sports construction company FSME was established in early 2005 with the aim of providing world leading Sport Surfacing brands to the Middle East.

The B2B supplier has since then expanded its reach in to North-East Africa, CIS States, the Indian Sub Continent and beyond offering the latest leisure and sports technology from around the world. Fenno Scadia are an approved Raecom installer in the Middle East.

Address:
Fenno Scandia Middle East
LIU 15, AD-02,
JAFZA Dubai,
United Arab Emirates

Phone: +971 4881 2103



FAQ's

Q. Do the alarms operate using Wi-Fi and require Internet connectivity?

A. No - our alarms use radio transmitters. A high powered radio transmitter sends a wireless signal when activated which can penetrate walls and furnishing. The alarm, is received by a radio receiver which alerts the panel.

Q. Can the alarms cover the size of my centre and long distances?

A. One of the great advantages of Raecom equipment is our wireless technology. Our alarms offer amazing range as standard, but in the event the devices are installed out of range of the receiver, we use of radio repeater modules. These 'boosters' repeat the signal from the point of drop out. The great thing is the repeater will boost every alarm, and we can use any number of repeaters as part of a system, resulting in any distance being covered wirelessly by Raecom alarms!

Q. Will we need to constantly change or charge batteries?

A. No - our alarms boast a long life, 8-9 year lithium battery!

Q. Are the alarms suitable for a pool environment, and will they last?

A. Raecom have perfected our equipment, specially designed for leisure centres and health clubs. All of our alarms are IP68 rated and designed to last in the harsh leisure environment. We offer specialist sauna alarms and waterproof alarms for the harshest conditions.

Q. Does the system come with a warranty or guarantee?

A. Yes - we pride ourselves on the reliability of our equipment, hence why each system we install comes with a five year parts and labour warranty as standard.

Q. Does the system require servicing and is this completed through service contracts?

A. The system requires a service inspection every twelve months as part of your warranty agreement. The servicing is non-contractual and is a one off fee

Q. Can the system have additional call points added after its been installed?

A. Yes - one of the key advantages of a wireless system is that it can be upgraded and added to with ease. As the alarms are not wired to the panel, adding additional call points is as simple as learning the device into the receiver, and mounting it to its position.

Q. Can I install the system myself?

A. Yes - while we advise that Raecom engineers complete your installation (based on ensuring a neat and successful installation and the inclusion of the 5 year warranty. Simple systems can be supplied for customer fitting. If you have only a couple of input devices, we can preprogram your system and ship it to you, so all you have to do is fit it to the wall! (Excludes Sovereign System where engineers have to install the system).

Q. Do I need a radio license for the system?

A. No - our alarms operate on the EU approved free frequency of 868MHz. This is a free frequency throughout the United Kingdom and Europe that does not require the purchase of a radio license.

Q. Can I change alarms and locations after installation?

A. Yes - Either book an engineer or we can talk you through over the phone the necessary steps needed to change location names within your system programming.

Q. How do I know when my service is due?

A. Your alarm is due to be serviced every twelve months. Raecom reminds all of its customers when the service is due, via email, telephone or letter.

Q. How do I receive a quotation?

A. Send you details to sales@raecom.co.uk. Our sales team will ask a few questions, and will be able to generate a quotation for you the same day!

CONTACT US

Please contact us for more information, or for a free, no obligation quotation. Our telephone lines are open Monday - Friday, 08.00 am - 17.30 pm.

Telephone: +44 (01306) 887 477

Email: sales@raecom.co.uk | Website: www.raecom.co.uk



Like our Facebook page for the latest news and product information.

#SAFERCLUB

Notes







Commercial grade wireless emergency alarms developed to offer a vital means of communication when staff and customers need it most.

Raecom Emergency Alarms offers bespoke solutions for any health and safety alarm system, for all industries, with a focused range of products developed specifically for the leisure industry.

www.raecom.co.uk