

Tunstall Romad Mobile Alarm

What is the Romad?

The Romad is a personal mobile alarm which provides protection and reassurance to lone workers and others who may be vulnerable or feel at risk. This innovative device enables the user to communicate their location and summon immediate assistance whenever they feel at risk or need help. The Romad is linked to a monitoring centre, ensuring all calls for help are responded to and enabling operators to establish the users location if they are unable to do this themselves.

Incorporating high sensitivity GPS (Global Positioning System) technology and GSM (Global System for Mobiles) communication, the Romad mobile alarm has four pre-programmable speed dial keys and an easy to use alarm button. It is lightweight and can be worn around the neck on a lanyard, clipped to clothing or slipped into a pocket. Its robust design and high quality finish ensures the Romad is suitable for deployment in any environment.

How does it work?

The high sensitivity GPS technology built into the Romad ensures the user can be located within 10 metres of their precise location.

When the alarm button is pressed, the physical location of the device is immediately transmitted to the monitoring centre.

At the same time, two-way voice communication is established between the user and the monitoring centre operator who, depending on the nature of the incident, can take appropriate action, e.g. call the police or other emergency services. The Romad also provides the option of calling up to four telephone numbers using any of the four speed dial keys. Calls can be received at any time just like any other phone and the Romad can store up to twenty other phone numbers.

Who is it for?

The list of environments where the Romad could be used is virtually endless. Healthcare professionals, carers, emergency services personnel, social workers, community patrol officers, traffic wardens, probation officers, and people who work alone at night are just a few examples. As well as providing protection to staff, the Romad is also an extremely useful device to help businesses manage their workforce more effectively and improve their customer service levels.

The Romad can also provide protection for many other people including those who are living with dementia, learning disabilities, physical disabilities, or at risk of domestic violence.



All the reassurance you need

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Protection for lone workers

“Those who work by themselves without close or direct supervision.”
Health and Safety Executive (HSE) definition of a lone worker.

Legislation

The Health and Safety at Work etc Act 1974: Section 2 sets out a duty of care on employers to ensure the health, safety and welfare of their employees whilst they are at work.

The Management of Health and Safety at Work Regulations 1999: Regulation 3 states that every employer shall make a suitable and sufficient assessment of the risks to the health and safety of his employees to which they are exposed whilst they are at work

Lone workers can be found in a wide range of situations, in fixed establishments or field based personnel. Giving these workers reassurance that help is easily available if needed and any personal risks have been minimised will provide them with confidence to carry out their duties. Lone worker protection systems are an increasingly important tool to help organisations reduce risks, improve efficiency and increase personal safety for their employees.

Lone workers typically operate across a broad range of organisational responsibilities and this includes among many others security guards, estate agents, maintenance staff and people visiting domestic and commercial premises alone. With such a variety of activities, locations and risk levels, a solution for protecting lone workers needs to be flexible and adaptable.

Along with a general duty of care to protect workers, there are several standards and regulations that both the employer and the solution employed must adhere to. For example, in the UK these include BS8484 code of practice for the provision of lone worker device services, police security systems policies, HSE guidelines and the Corporate Manslaughter and Homicide Act 2007.

The Romad lone worker protection system comprises two core components; the Romad personal safety phone and monitoring centre. Together they form a reliable, easy to use and effective solution which enables the lone worker to be located within 10 metres of their location.

Lone workers can send an SOS alert using a sliding switch on the front of the phone which has designed to be quick and easy to use but minimise false activations. When the SOS button is activated the Romad vibrates silently and instantly opens a two-way voice channel to the monitoring centre. It also begins to send SMS messages with latest GPS location data. Monitoring centre operators can then follow the appropriate protocol.

The Romad can also be used as a simple mobile phone to make and receive calls, and can store up to twenty numbers in its phonebook, with four speed dial buttons. Workers can signal the start and end of shifts using the device, notifying the monitoring centre if a worker fails to notify that they have safely finished work.

Workers entering a high risk situation can record a message on the Romad which can be accessed by the monitoring centre to provide them with more information if an alert is raised. The Romad can also operate as a Man Down alarm, requiring a positive response from the worker at regularly intervals and raising an alarm if this is not received.



Protection for the vulnerable

The Romad can provide protection and reassurance away from home for people from all walks of life. It has proven to be especially helpful for certain groups including people who:

- Are living with dementia
- Are at risk of falling
- Have physical or sensory impairments
- Have learning disabilities
- Have been subjected to domestic violence
- Have long term conditions such as epilepsy or severe asthma
- Have been recently discharged from hospital

The Romad enables the user to maintain an active lifestyle and enjoy their independence with the reassurance that they have the means to call for assistance should they need it, and help can be quickly on the scene without them having to communicate their whereabouts.

The Romad also offers peace of mind to carers and family members, and can enable them to have more freedom than would otherwise be the case, safe in the knowledge that their loved one is protected.

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The Romad can also be used as a simple mobile phone to make and receive calls, and can store up to twenty numbers in its phonebook, with four speed dial buttons providing easy access to important numbers.

Specification

Model:	Romad RSP-100
Technology:	GSM 900/1800, GPRS and GPS (SiRF Star III LP)
Dimension:	90mm x 46mm x 17.5mm
Weight:	42.5g without battery, 62.5g with battery
Screen:	Main LCD Display 96 x 25 pixels
Colour:	Black
Battery:	720mAh Li-Ion
Stand-By:	Up to 48 hrs
Talk-Time:	Up to 150 min
SIM:	Not provided - must be voice call and SMS enabled with capability to send GPRS data with 'per byte billing'. SIM should not be enabled for 3G or EDGE services.
Package:	Romad RSP-100 Personal Safety Phone, Battery, Neck Strap, Travel Charger, Belt Clip, Quick Start Guide.



Features and benefits

The Romad is feature rich yet quick and easy to use:

- Incorporates both GSM communication and GPS location technology – offering full mobile phone connectivity with pinpoint location accuracy – can locate a person within 10 metres
- Alarm button and 4 programmable speed dial numbers – ensuring the Romad is easy to operate if and when necessary
- Lightweight and small – easy to carry with additional options to wear on a belt or around the neck on a lanyard
- Two way speech calls to/from any number, or optionally restricted to address book
- Pre alert – lone workers entering a higher risk situation can record a message which can be accessed should an alert then be raised to provide more information
- Man down alarm – requires a positive user response at regular intervals; failure to respond will raise a man down alarm
- Fully integrated with Tunstall's PNC Mobile application *

PNC Mobile* application features

- Manage voice alarm call - allowing the operator to speak and listen to the user
- Receive location information – GPS location information is received using both GPRS and SMS depending on network coverage
- View location information – the person's location is clearly shown using Microsoft® MapPoint® and Google Maps
- See location history – enables the operator to view the last 10 GPS locations for the Romad unit
- The operator can send and receive SMS messages from within the PNC Mobile application



*Requires PNC6.1 v2.90 or above with PNC mobile application enabled, Sybase 11, Internet connectivity with static Public IP address, MapPoint licence, Dedicated POTS line (preferable) with CallerID enabled, Online SMS service (cardboardfish.co.uk) including HTTPSMS service and virtual number.

For more information on Romad please call 01977 660479.

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