



## Alarm Medallion GMD Series GMD-11 GMD-12 GMD-21 GMD-22

### A Universal Alarm Device for Automatic and Intentional Alarming in a DECT or WiFi cordless system. For Hospitals, Nursing Homes, at work or others: The GMD series alarm medallion

The GMD series alarm medallion is a universal device for automatic and intentional alarming in a DECT or WiFi cordless system – at home, in a nursing home, hospital or work places. It safeguards disorientated, sick or handicapped people as well as staff at work. Together with an alarm server every alarm sent from the medallion is logged. The alarm server can also be linked with nurse call systems. The GMD devices can be setup from a single unit up to one device for each person staying or working in the facility. Extra units can be easily added at a later date.



The picture shows a GMD-x1 on the cradle. The pull-cord strap is shown installed.

The **Option M** (included in Option D, see below) offers the man-down and the no-movement alarms. If the user is down on the floor or motionless for a pre-set time, an alarm will be sent to the alarm server.

The GMD-xx is primarily designed to work with an alarm server. Thus, the complete solution consists of the GMD device, the alarm server and the existing wireless system. The features of this solution are:

- the alarm server acknowledges the alarm to the GMD device, the alarm management is controlled by the server. The alarm status will be displayed on the GMD device,
- the alarm server offers a fully flexible alarm management, even determining the location of the alarming device. The resulting tracking information can be sent to a phone or viewed on a computer monitor,
- tracking is possible at any time, i. e. wandering people can be tracked for their safety – before, during or after an alarm,
- the Battery Low alarm is a separate alarm, being sent to an individual phone or a group of phones as set up in the server,
- automatic log-on and log-off messages when the GMD device is removed from and returned to its cradle. Further, there are periodic watchdog calls to the server, the repetition rate can be set in a wide range of 5 minutes up to 24 hrs.
- Paging tone: A loud audible signal can be generated by remote (This new feature will be released soon)

Also,

- if the GMD Medallion is equipped with **Option D** – the trespass alarm, an automatic alarm, is activated when the GMD device enters a restricted (radio) area. Since the GMD is checking continuously the signal field strength and code of the base stations (DECT or WiFi) surrounding it, the leaving or entering of dedicated areas can be detected. As the GMD devices use the existing (GAP) DECT or WiFi network, there are no additional antennas or wiring needed.



## Alarm Medallion GMD Series GMD-11 GMD-12 GMD-21 GMD-22

### Hardware

- Compact and light design, belt clip, neckstrap
- Highly protected "IP 65" against dust, dirt and splash water (Models GMD-x1)
- Rugged housing (drop test 1 m)
- Big Red Alarm Button
- Pull-Cord Alarm
- Option M: No-Movement and Man-Down Alarm
- 2 multi colour LEDs
- No MIC – safe against dirt (GMD-x2 series with beeper)
- high quality Lithium-Ion-Polymer battery for a long stand-by time and a long lifetime
- Inductive battery charging, therefore dust and dirt will not affect its performance - no sockets or jacks
- Programming via USB 2.0 interface by a PC – Windows XP, Vista or 7

### Alarm Functions

- Intentional alarm by a big red button
- Pull-Cord alarm by a strap. Can be used also to avoid accidental loss
- with Option M or D:  
man-down = if the device is held less than 45 degrees from the vertical axis  
No-movement alarm = motionless for a pre-set delay
- For all alarms: An individual number will be dialled (DECT) or a UDP telegram (WiFi) will be sent
- Status signalling by two tripple colour LEDs

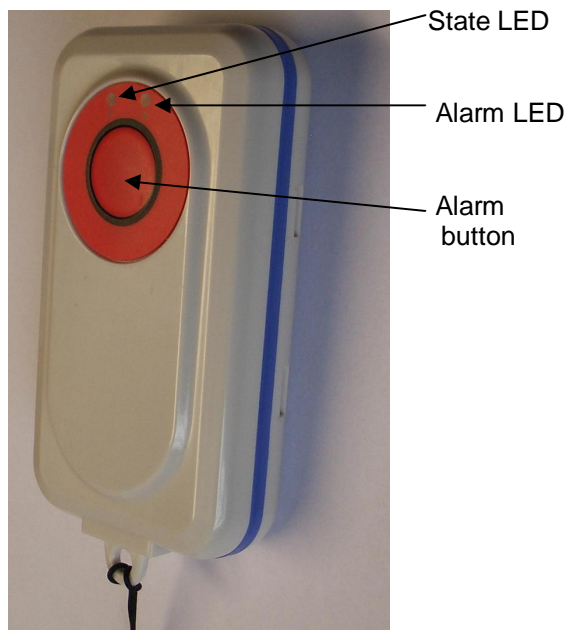
### Additional Features for use with alarm server

- Alarms will be acknowledged on the GMD by the alarm server
- Periodic transmission of the location data of the GMD device
- Automatic log-on and log-off when taken from or put back to the cradle

- Periodic "ready" call from GMD medallion to the server
- Alarm for Low-Battery

### Trespass Alarm (Option D)

- GMD Medallion has an internal data base. The base stations of the wireless network can be considered as red, yellow and green. Whose so-called radio clouds can be tagged for red (restricted) and yellow (critical – on the border) and green (OK). An alarm will be made when in a red radio cloud.
- Location of the GMD device by automatic, cyclic radio scans of the base stations surrounding it
- 



### Customer Specific Solutions

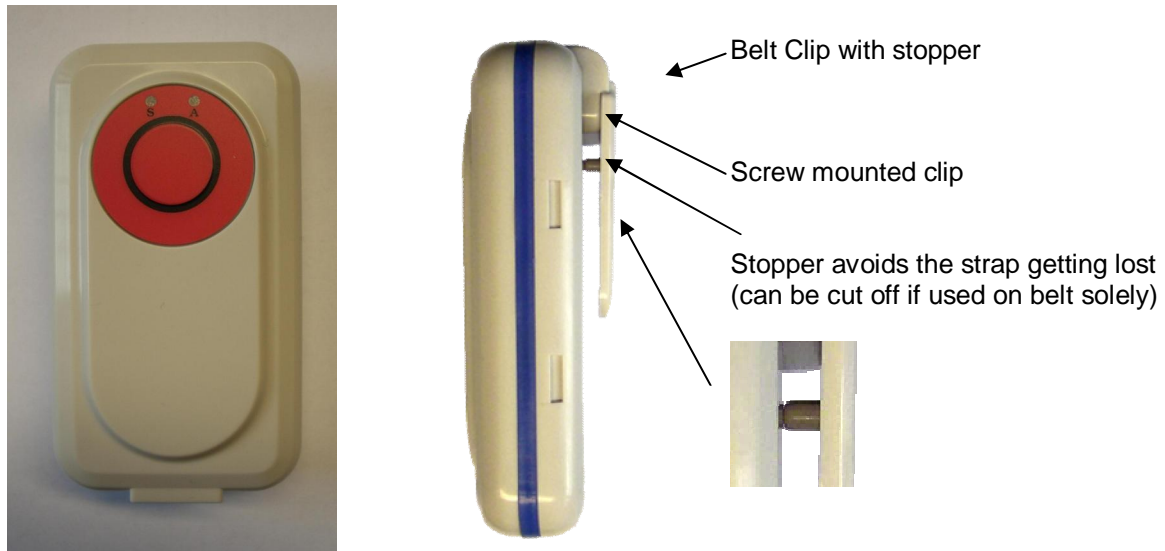
- "Ex" safe version
- Software modification to customers specification



## Alarm Medallion GMD Series GMD-11 GMD-12 GMD-21 GMD-22

### Mounting / Carrying the GMD devices

There are various bags or fixation systems available for attaching the medallion to the user / patient.



### Leather Bag TA-128 / TA-128-Mk2 with Belt Clip



# Alarm Medallion GMD Series GMD-11 GMD-12 GMD-21 GMD-22

Neck Strap



TA-129 for Wandering Persons



Bag for the GMD-xx

magnetic lock



Left: arm bag

Low: hip bag ("belly bag")



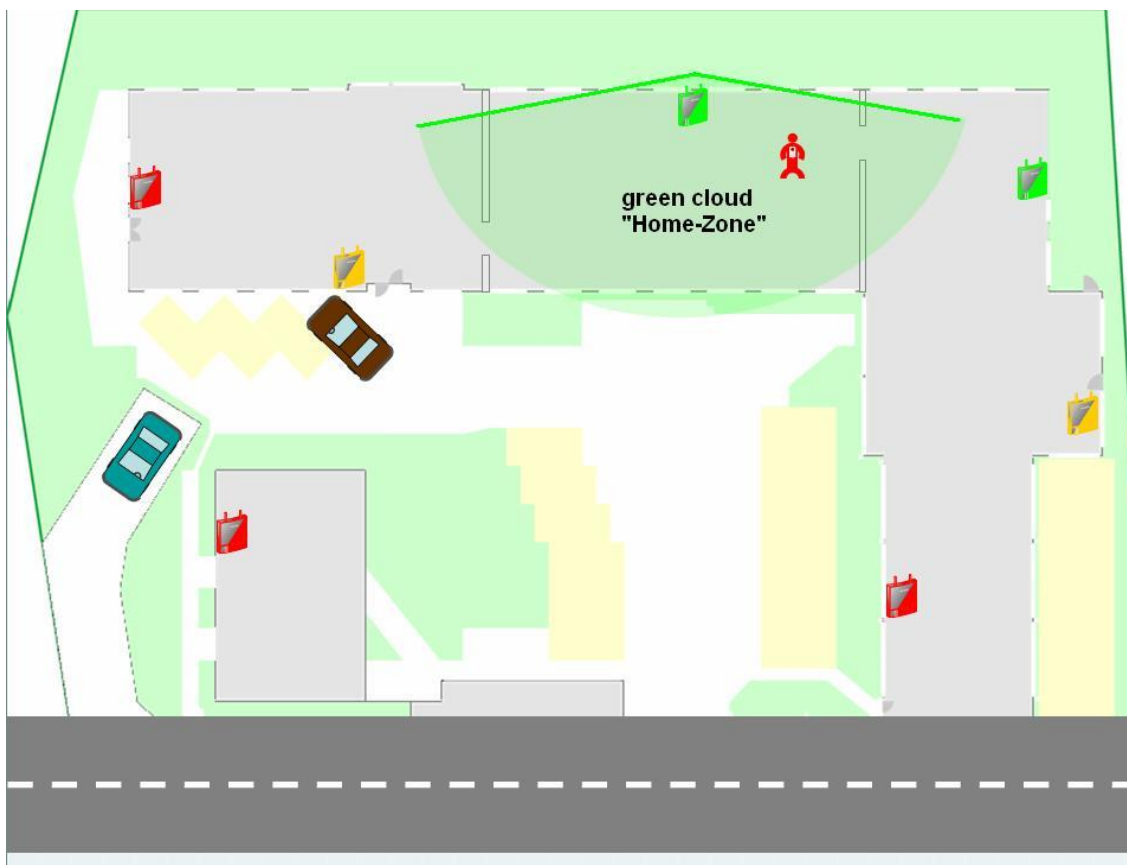
Further, individual mounting systems and bags on request



## Alarm Medallion GMD Series GMD-11 GMD-12 GMD-21 GMD-22

### Graphic of the Trespass alarm (Option D)

The 3 drawings below show the function of a green, yellow and red radio cloud.





# Alarm Medallion GMD Series GMD-11 GMD-12 GMD-21 GMD-22

