



## Mini beacons for Navigil wristwatches

*Enables user activity statistics and accurate out of home alarms!*



- Enables a room by room dimension in at home statistics
- Extends beacon coverage to whole property
- Maximizes wristwatch battery life
- Reduces risk of false home beacon alarms
- Easy peel and stick or plug in installation
- Long battery life

**EASY** to deploy mini beacons enable statistics of users daily routines at home, minimize likelihood of false out of home alarms and maximize Navigil wristwatch battery life.

### Easy to deploy

Mini beacons are easy to install. AC power outlet mini beacon is just inserted into a power socket and it is ready to use. Coin battery operated mini beacons come with an adhesive - peel and stick installation takes only seconds.

### Accurate out of home alarms

It is vital to know that a dementia sufferer is safely at home. Mini beacons can be used to ensure that the whole property has beacon signal available. This will minimize the likelihood of false out of home alarms. It will also maximize device battery life by optimising power consumption indoors.

### Activity reporting


Changes in an elderly person's daily routines can indicate a need for a more detailed diagnosis in order to prevent a collapse in one's condition. Navigil wristwatches collect

and reports user's level of activeness during the day. Statistics reports shows percentage of time split between very active, active and non-active states.

### Detailed at home statistics

Changes in the daily routines can be detected from the reports which show user's whereabouts at home during a day. Mini beacons can be placed in each room of the property including the toilet. Statistics show percentage of time split between each room or area. Statistics can reveal symptoms such as frequent visits to the toilet and irregular sleeping patterns.

Statistics are reported in conjunction of other device generated reports in order to minimize the overall power consumption. The granularity of the reporting can be adjusted in the configuration. The activity and at home reports can be passed onto other servers for big data purposes including data mining to identify users in need of corrective actions to avoid costly collapse of user's health or emerging depression.

<b>Mini beacon</b>	Types	MBAC0X and MBBA02
	Communication	BLE 4.0, class 2, 2.4 GHz
	Broadcasting	300 - 1000 ms interval
	Beacon coverage	Several beacons can be installed in the same room
	Low power notification	Warning to server via Navigil wristwatch
	Area coding	Up to 6 areas, typically: bedroom, kitchen, living room, toilet, entrance
		Additional zone code for prohibited areas for automatic alarm
<b>MBAC01</b>	Type	AC power
<b>MBAC02</b>	Power source	100 - 240V, 50 - 60 Hz
<b>MBAC03</b>	Range	Up to 10 metres
<b>MBAC04</b>	Versions	Europlug CEE 7/16 type (MBAC01), UK BS1363 type (MBAC02)
		Oceania type (MBAC03), US type (MBAC04)
		Other types on request
	Operation	Indoor use, -20°C – +60°C
	Dimensions	80 x 42 x 24 mm
	Weight	45 gr (Europlug version)
	Waterproof	NO
	Certification	CE
	Packaging	Bulk packaging or 4 mini beacon set (4 x MBAC0X)
<b>MBBA02</b>	Type	Battery operated
	Power source	CR2477 battery, 3.0V, 1000 mAh, user replaceable
	Battery life	Up to 24 months
	Range	Up to 10 metres
	Versions	Black enclosure, optional white enclosure
	Dimensions	43 x 43 x 14 mm
	Weight	30 gr
	Waterproof	Splash water proof
	Operation	Indoor use, -20°C – +60°C
	Installation	Peel and stick adhesive tape (provided)
		Preferred installation location: centre of the room in the ceiling
	Certification	CE, FC, RoHS
	Packaging	Bulk packaging or 5 mini beacon set (5 x MBBA02)

### Key features are:

- Easy to install
- Extend home beacon coverage to whole property to avoid false home beacon alarms
- Enables room by room at home statistics
- Long battery life (coin battery operated version)
- Waterproof (coin battery operated version)
- Easily replaceable battery (coin battery operated version)
- Optimizes Navigil wristwatch battery life

### At home

