

## 1. Introduction

You have just received the Bed alarm and mat by Vahlkamp. We will first point out the advantages of this system before providing directions for the installation and use.

### **ADVANTAGES**

In addition to the main object, producing an alarm signal via the (existing) nurse alarm system if the person concerned leaves the bed, the Bed alarm offers the following advantages:

\* ***Option to adjust the time.***

The interval between leaving the bed and relaying the signal to the nurse alarm system is adjustable. The interval time may be set at immediately, 5 seconds, 10 or 30 seconds, 1 minute, 5 and 15 minutes.

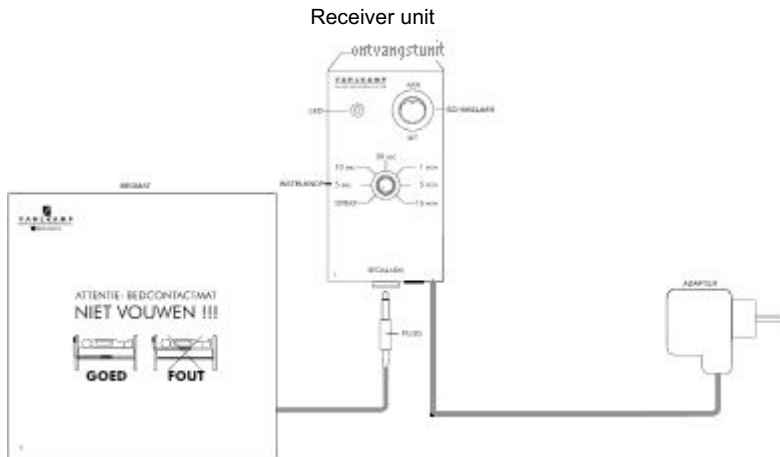
\* ***Extensive testing possibilities / battery check.***

- The switch is turned ON: the LED lights up in red for an instant
- The contact with the mat is discontinued: the LED will light up for 5 seconds. You can check whether the transmitter unit is detecting the activity in relation to the mat.

## 1.1 Components

The Bed alarm consists of the following components (see illustration 1):

1. **Receiver unit**, with on-off switch and time adjustment knob, 220-240 Volt adapter and cable for the connection to the nurse alarm system.
2. **Bed mat**, approx. 55 x 55 cm for under the mattress, with accompanying cable and plug.



Bed mat

Illustration 1.

## 2. Installation

### 2.1 Receiver unit

You are to connect the grey cable to a plug that is suitable for your nurse alarm system.

The following connections apply to the grey cable:

- brown: NO
- green: NC
- white: COM

*Example:*

If your nurse alarm system has a make-contact, then connect white and brown.

You are to connect white and green in the case of a breaker contact.

Plug the adapter into a 220-240 Volt wall socket and connect the plug to the nurse alarm system. The receiver unit is now able to relay the alarm signal to the alarm system.

### 2.2 Bed mat

The Bed mat is to be positioned **UNDER** the mattress of the patient/resident such that the user is lying on the centre of the mat. Connect the jack plug of the mat to the transmitter unit. Conceal the cable so that the mat does not hinder getting in and out of bed.

The installation has now been completed. The system can be tested as soon as everything has been connected.

### 2.3 Testing

- \* Adjust the interval time as desired. Do note that the nurse alarm system will be immediately activated if the interval is set at *immediately*. If this option is used for a patient/resident who frequently moves or turns over while in bed, then it is possible that the nurse alarm system will be activated too often, resulting in a certain degree of inadvertence.
  - \* Switch the transmitter unit **ON**. The LED will light up in red for an instant.
  - \* When the patient/resident leaves the bed, the nurse alarm system will be activated and the LED will blink in red for 5 seconds once the time interval as set beforehand has elapsed.
- \* The Bed alarm is immediately ready for use once the nurse alarm system has been

activated. You do not have to do anything to re-activate the alarm function.

## **GUARANTEE**

Vahlkamp observes a term of guarantee of 12 months if the product is used normally. Repairs are free of charge during this period.

The guarantee does not apply to defects that are the result of improper use, breakage, a fall, dismantling, fire and/or water damage, neglect or incompetent repairs. Batteries are not covered by the guarantee.

Should the occasion arise, then the buyer is to contact Vahlkamp, which will then see to the repairs.

## **MALFUNCTIONS.**

### **Note 1:**

It is important **not to fold** the Bed mat.

### **Note 2:**

An alarm signal cannot be relayed if the plug is not connected to the transmitter unit. The same applies if the ON/OFF switch is in the **OFF**-position.

### **Note 3:**

The switch should be in the **OFF**-position when the receiver unit is not in use to prevent the battery from being used unnecessarily.

**Always check that the plugs are properly connected and that the switch is in the ON-position if the system is not functioning properly.**