

## 1. Introduction

You have just received the Wireless Chair alarm 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 chair, the wireless Chair alarm offers the following advantages:

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

The interval between leaving the chair 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.

\* ***No inconvenient cords or wires.***

The Chair alarm is wireless. And so the chair can be positioned at a distance of 5 to 10 metres from the nurse alarm system. You will not be hindered by cords or wires on the floor.

### 1.1 Components

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

1. ***Transmitter unit***, with on/off-switch and time adjustment knob.
2. ***Receiver unit***, with a 220-240 Volt adapter and cable for the connection to the nurse alarm system.
3. ***Chair mat***, approx. 35 x 35 cm for in the chair, with accompanying cable and plug.

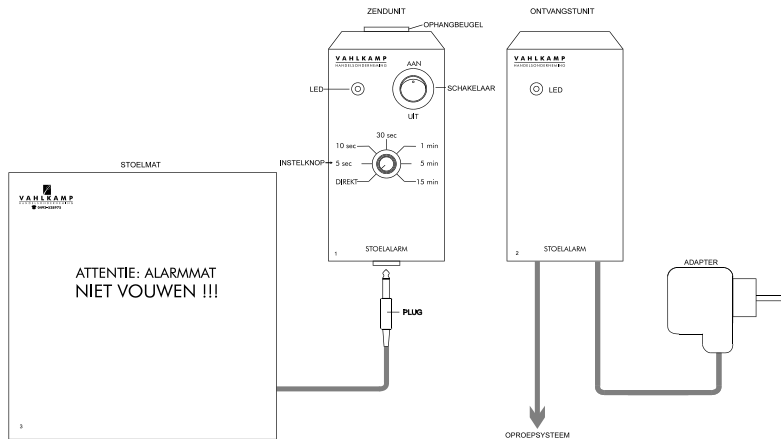


Illustration 1: Components Wireless Chair Alarm

## 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.

The transmitter unit must then be permanently mounted on the wall near the alarm system connection.

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 Transmitter unit

Clamp the transmitter unit to the back of the bed using the bracket. Make sure that the switch is in the **OFF** position.

## 2.3 Chair mat

The Chair mat is to be positioned in the chair of the patient/resident such that the user is sitting 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 the chair.

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

## 2.4 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 sits in another position, 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 Wireless Chair 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.

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

## 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 Chair mat.

### **Note 2:**

The wireless Chair alarm has a **code number** (36-567, for example). The code on the back of the transmitter unit must correspond with the code on the back of the receiver unit.

### **Note 3:**

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 4:**

The transmitter unit should be switched **OFF** when not in use so as not to use the battery 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.**

If everything is properly connected, then go through the following points:

- The LED light does not light up when the transmitter unit is switched on:  
change the small battery of the transmitter unit.
- There is no alarm signal and the batteries function properly:
  - ... Make sure that the chair is empty
  - ... Switch the transmitter unit from *OFF* to *ON*
  - ... If the LED lights up twice (long-short), then the mat has been damaged and you are to contact Vahlkamp