



# **Malem Enuresis Alarms Information Booklet**

## **Best Results are obtained when:**

- 1. Child is motivated and wants to be dry.**
- 2. Child wakes up to the alarm when activated.**
- 3. Parents/Guardians help to wake up the child when the alarm sounds especially at the early stages of treatment.**

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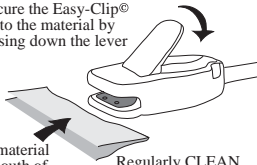
# Malem Enuresis Alarms

## Instructions for the MO3, MO4, MO5 & MO6 alarms. For Bed-Mat alarms see page 10

1. Insert sensor plug into alarm socket making sure the **Easy-Clip® Sensor** lever is lifted up (see diagram).
2. Attach the alarm to pyjama jacket or night dress top as shown.
3. For Vibrating alarms, attach on the inside of close fitting top or T-shirt close to the collar bone.
4. For VCA (Light Emitting), attach in a position on client's or child's clothing where it can readily be seen by carer or nursing staff. Alternatively, attach alarm to the end of the bed where it can be seen by nursing staff and secure sensor/mat under bed sheet.
5. For **Easy-Clip® Sensor**: Lift sensor clip lever, attach to the outside of close fitting underwear, at the location most likely to get wet first, by inserting material inside sensor jaws and closing lever (Dispose of insulating tag if present).
6. For **Standard Sensor**: Cut off one end of the absorbent pad and insert the sensor in between the layers. Anchor with the crocodile clip to prevent sensor from being pulled out. Uncover the backing strip and stick the pad inside a pair of close fitting pants, insuring the sensor is located where it will come in contact with the flow of urine.

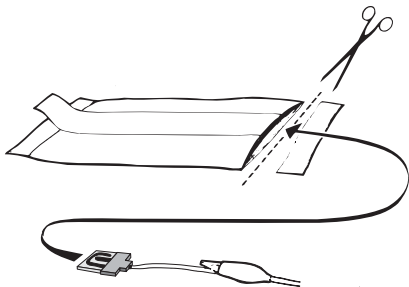


Secure the Easy-Clip® onto the material by pressing down the lever

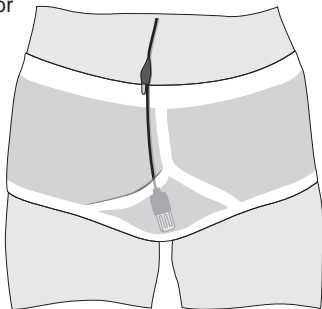


Place material into mouth of the Easy-Clip®

Regularly CLEAN Easy-Clip® Sensor in soapy water, rinse & shake dry.



Boys who prefer not to use pads can sandwich the sensor between two pairs of cotton briefs (not boxer shorts) or place within fold of Y-Front, and anchor by locating the crocodile clip on the waistband of the pants. Sellotape may also be used to fasten the sensor plate correctly in the area of urine flow. The sensor plate must not be in direct contact with the skin. Avoid nylon/polyester underwear.



7. For **Bed-Mat Sensor**:  
See instruction on page 10.
8. When the alarm is activated, try and stop any more urine from being released from the bladder. Remove the Standard sensor and wipe dry with a cloth. Remove the Easy-Clip sensor and keep the lever open. Stop the sound or vibration by pressing the small reset button, use the lavatory to completely empty the bladder, replace the sensor into a fresh pad or clip to a dry pair of pants as before. **Always test alarm by wetting sensor or closing the Easy-Clip lever before use.**

**Parental help in waking up children when the alarm sounds is reassuring and helpful especially during the first few nights.**

### **Vibrating 'PCT'- Personal Continence Trainer**

- a. The vibration signals the start of urination - retrain the bladder by tensioning the pelvic floor muscles with practice. It is possible to stop urination until the toilet is reached.
- b. Note down the times of urination as they occur. Gradually, over a period of time, a pattern will be apparent and the bladder can be emptied before wetting.

### **Light Emitting 'VCA' - Visual Continence Alarm**

- a. Can be used to give visual indication of urination so that the client is changed to prevent prolonged exposure of skin to urine with associated risk and complications.
- b. Can be used to develop a toileting regime by tabulating the client's urination times. A pattern can be established and the need for a bedpan or use of toilet anticipated.  
This can result in a significant reduction in management cost as well as an improvement in client's moral.

### **MO4 & MO4S Ultimate 1 Alarm**

The choice of Sound/s Only, Sound/s and Vibration or Vibration Only is selectable by sliding the lever inside the battery compartment to setting 1,2, or 3 accordingly. See diagram on page 13 & 14.

### **MO5 Ultimate 1 + Record Alarm**

For choice selection of sound, vibration and recording see diagram on page 15.

## Important

- **Rapid wakening on hearing or feeling the alarm is vital for success, but generally, children including bedwetters tend to sleep soundly and heavily at home. Better results are obtained if Parents/Guardians help to wake the child up on hearing the alarm.**
- Use the progress chart. Great encouragement is derived by seeing steady improvement.
- Always praise the user for a dry night; never scold or chastise for a wet night. Encouragement is the key to success. You can not help a child who does not want to help him or her self. Try and find out why they do not want to be helped, it could be some other problem.
- To avoid relapse use the alarm for several weeks (min 2 weeks) after dryness has been achieved. At the same time, increase fluid intake before sleep to achieve over learning and avoid possibility of relapsing at a later stage. Avoid fizzy drinks, tea, coffee & milk.

## Hints

- **The Rest Button will stop the alarm from sounding only if the Standard Sensor plate is dry or the Easy-Clip© lever is lifted open and removed from the underwear.**
- **Do not unplug the sensor from the Alarm.**
- There is no on /off switch that could allow the alarm to be switched off and ignored. Current drain on the batteries is minute except when the alarm is sounding.
- The sensor is positively locked to the alarm to prevent accidental disconnection. However, the sensor can be unlocked and detached for cleaning or replacement. **Do not unplug the sensor during normal use.**
- It is intentional that one of the sounds of the Eight Tone Alarm (8T) does not stop immediately upon pressing the reset button.
- **Regularly clean the Easy-Clip© sensor in soapy water, rinse and shake dry.**

## **Batteries (remove isolating tag if present)**

Batteries are provided free of charge by ourselves during manufacture and units are tested prior to packaging. Batteries are safely secured within the alarm. They should not be accessed by children.

### **Batteries should be replaced only by adults.**

For model MO3 button size **Alkaline batteries** AG13 or equivalent. L1154, SP675H, V357, LR44, H1154, MR44, RW52, PX675, 675RP, HG13, SR44 or SG13. See diagram on page 12.

**PLEASE DO NOT USE ZINC AIR BATTERIES (also known as hearing aid batteries) AS THEY CONTINUOUSLY DISCHARGE REGARDLESS OF BUZZING AND ARE UNABLE TO SUSTAIN POWER TO THE ALARM. (They have a sticker when new and tiny holes on the +ve side).**

**Do not allow ribbon to slip between batteries.**

For **Ultimate 1 Alarm, Model M04 & M04S**, use 2 x AAA Alkaline batteries. (see diagram on page 13 & 14). For **Ultimate 1 + Record Alarm, Model M05**, use 3 x AAA Alkaline batteries. (see diagram on page 15). For Model **M06**, use 4 x AA Alkaline batteries. To change the batteries, remove the battery cover. Take special care to observe correct polarity when replacing all the batteries (see diagram). Make sure batteries are not loose within the compartment. Do NOT mix old and new batteries.

Batteries do tend to deteriorate during use and storage and it is advisable to test the unit before use; this can be simply done by moistening the finger and touching the sensor or closing the Easy-Clip© lever. The alarm should always sound, vibrate or light up. If the unit does not respond, replace the batteries. In use, the batteries should not be expected to last more than 1-2 months, so it is advisable to test the unit regularly. Maximum continuous operating time is about 60 minutes per set of button batteries and up to 10 hours for the AAA Alkaline batteries.

***Important - please remove batteries if the alarm is not going to be used for some time.***

## Choice Selection

To change setting combination for MO4 & MO5 remove battery cover and slide lever inside battery compartment (see diagram on page 13&15). Position 1 = Sound/s Only. Position 2 = Sound/s + Vibration. Position 3 = Vibration Only. For MO4S see page 14.

To select message or sound for MO5 & MO6 (see diagram on pages 15, 17 & 18). To record a new message make sure the selection switch is in message position, then press record button and speak into the speaker at the front of the alarm for MO5. Maximum recording time is 10 seconds.

## Sensors

Sensors are an important component and must always be clean and dry. The crocodile clip is gold plated and should be used to anchor the sensor in the correct position. Wash clean with soapy water and rinse. Remove any material from jaws of Easy-Clip© sensor. Dry before use.

### Sensor Wire

The wire that connects the sensor to the alarm unit is a vitally important link. The wire is sufficiently flexible to be comfortable in use but sufficiently robust to ensure long life. It will not however tolerate abuse, being bitten or chewed. **Do not use the wire to pull the sensor out of the pad or underwear - always undo the clip.** Do not clip the crocodile clip to the sensor wire. Do not unplug the sensor from the body worn alarms.

## Fault Finding

- a) Unit fails to sound:- replace batteries, ensure correct polarity. Always use “fresh batteries”. Do not use Zinc/Air batteries, (the ones with the small holes in the positive side and sticker when new). Make sure ejector ribbon has not slipped between batteries. Make sure battery contacts are clean and free from deposits. Make sure batteries are not loose and are making good contact.
- b) Unit will not turn off:- sensor plate is not dry or faulty sensor, replace sensor. Easy-Clip© sensor lever is closed or material is wet, open Easy-Clip© lever. Easy-Clip© is dirty and requires cleaning see page 3. Batteries are nearly exhausted and require replacing.
- c) Intermittent buzzing:- faulty sensor. Loose or flat batteries in the battery compartment.

## Guarantee

Under normal usage the Malem Alarm is guaranteed for a period of one year from purchase. **This excludes batteries, sensors, bet-mat, flooding, misuse or damage.** If the alarm should malfunction during this period we will be pleased to either repair it, or, at our discretion replace it with a new unit, free of charge. Please remove the batteries and decontaminate the unit/sensor before returning. (See below).

## Repairs and reconditioning

If after one year your alarm requires repair, we will exchange it for a new one, (repairs are not undertaken for hygiene reasons). Please contact us by telephone, e-mail or in writing, for the cost of this service. Please decontaminate the unit before return.

## Cleaning / Disinfecting

Alarm Unit: Wipe clean using mild detergent and a damp cloth and dry thoroughly. NEVER IMMERSIVE IN WATER.

**Standard sensor:** Rinse with detergent and dry thoroughly.

**Easy-Clip sensor:** Lift lever and regularly clean in soapy water, rinse and shake dry. If the unit is to be reused by another client/patient/child then it can be disinfected. Dip (not soak) in bleach or other disinfecting solution and rinse thoroughly. Allow to dry prior to reuse. (Follow instructions on container). **However the National Guidelines states one child, one sensor.** If total sensor replacement is preferred, then unlock the sensor by lifting the small tag and gently pulling the plug out of the alarm. Replace with a new or clean one.

## Electrical Safety

Designed to meet all Department of Health and British Standard BS5724 Part 1, RE1004/03 and IEC performance, construction and safety requirements. Maximum current across the sensor is less than 10 $\mu$ A.

BSI certificate No.: 115627. BSI EMC test certificate No.: EZ000505.

Electrical Safety Symbol  Type BF.  Marked.

The manufacturer reserves the right to change specification without prior notice. ©2004 Malem Medical.

# Malem Bed-Mat Enuresis Alarm

## Instructions for MO3, MO4, MO5 and MO6

- Place the Bed-Mat correct side up over the mattress in the area which is normally wetted and gently tie down.
- Cover the Bed-Mat with a Clean Dry **Cotton sheet and/or Bath Towel** and make the bed up as usual. Avoid nylon/polyester sheets as they can cause 'false' alarms due to increased perspiration. Adjust cover thickness to suit.
- Attach the Bed-Mat wire to the chosen Malem Alarm and place the alarm beside the bed apart from the Vibrating alarm which can be placed under the pillow.
- Please tuck in the Bed-Mat wire so that it is not in the way for getting in and out of bed.
- When the alarm is activated, try and stop any more urine from being released and use the lavatory to completely empty the bladder.
- The alarm sound can be stopped **ONLY** when the Bed-Mat wire is unlocked from the alarm and the reset button is pressed.
- The Bed-Mat must be wiped clean with detergent and dried then replaced in a freshly made bed, as before, for reuse.
- Adjust the loudness of the sound with the volume control. (MO6 only)
- To test the alarm, place a damp cloth across the foil tracks on the Bed-Mat.

## Important

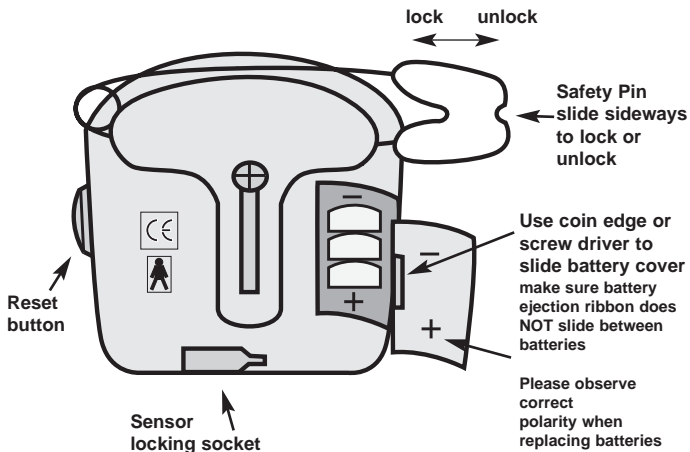
- Rapid waking on hearing the alarm is vital for success but parents believe that bed-wetting children are very heavy sleepers so better results are obtained if parents help to wake the child when the alarm sounds especially during the first few nights.
- To avoid relapse use the alarm for at least 2 weeks after dryness has been achieved. At the same time, increase fluid intake before sleep to achieve over learning and avoid possibility of relapsing at a later stage. Avoid fizzy drinks, tea, coffee and milk.
- Use the progress chart. Great encouragement is derived by seeing steady improvement.
- Always praise the user for a dry night; never scold or chastise for a wet night. Encouragement is the key to success.

## Hints

- The rest button will stop the alarm from sounding only if the Bed-Mat is disconnected.
- The Bed-Mat positively locks to the alarm to prevent accidental disconnection. However, it must be unlocked before attempting to reset the alarm.
- Please use a **thicker cotton sheet or place a bath towel** above the Bed-Mat if sweating is triggering the alarm prematurely. Avoid plastic and Man-Made fibers as they may cause static discharge and false alarm.
- Treat the Bed-Mat with care. Avoid folding it or jumping over it.
- Please replace the Bed-Mat with a new one if it has deteriorated and use a new one with each child. (National Guidelines)
- Please note that sleeping directly over an uncovered Bed-Mat or touching it by hand may trigger the alarm.

# Malem Enuresis Alarm

## MODEL MO3

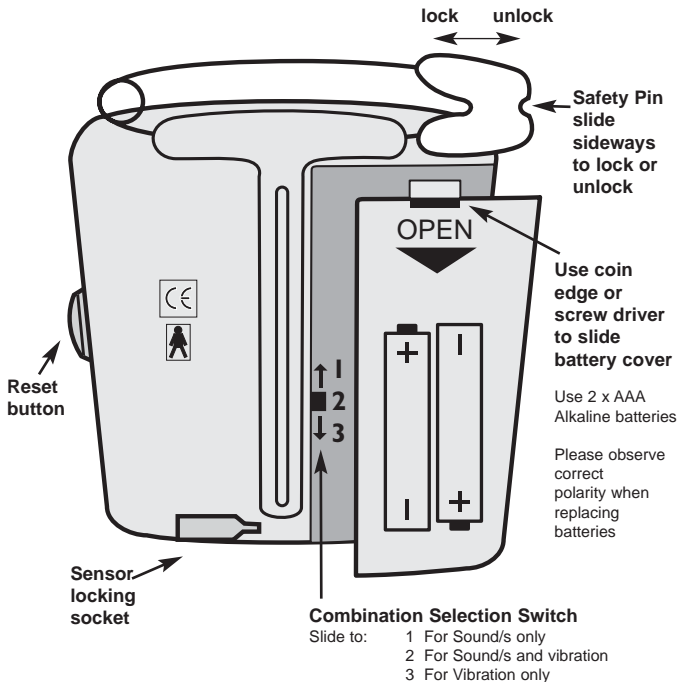


**Batteries** are AG13 or equivalent. L1154, SP675H, V357, LR44, H1154, MR44, RW52, PX675, 675RP, HG13, SR44 or SG13.

**Use Alkaline batteries ONLY**  
**No Zinc/Air please**

# Malem Ultimate 1 Enuresis Alarm

## MODEL MO4



**Use Alkaline batteries ONLY**

# Malem Ultimate 1S Enuresis Alarm

## MODEL MO4S

### Selection Switch

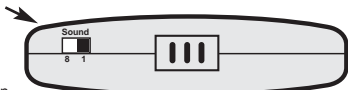
Slide to:

1 = Single Sound\*

8 = 8 Sounds\*\*

\*See sound selection switch for choice.

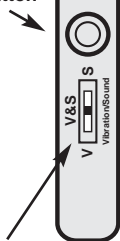
\*\*Sound selection switch must be on in position 1.



lock      unlock

Safety Pin  
slide  
sideways  
to lock or  
unlock

Reset  
button



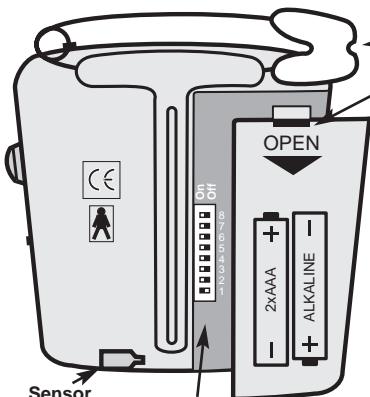
Combination  
Selection Switch

Slide to:

**S** For Sound/s only

**V&S** For Sound/s and  
vibration

**V** For Vibration only



Use coin  
edge or  
screw driver  
to slide  
battery cover

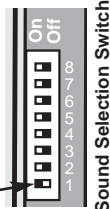
Use 2 x AAA  
Alkaline batteries  
Please observe  
correct  
polarity when  
replacing  
batteries

Sensor  
locking  
socket

For 8 sound  
choice

Only switch  
position 1 must  
be on (rest in  
off position)

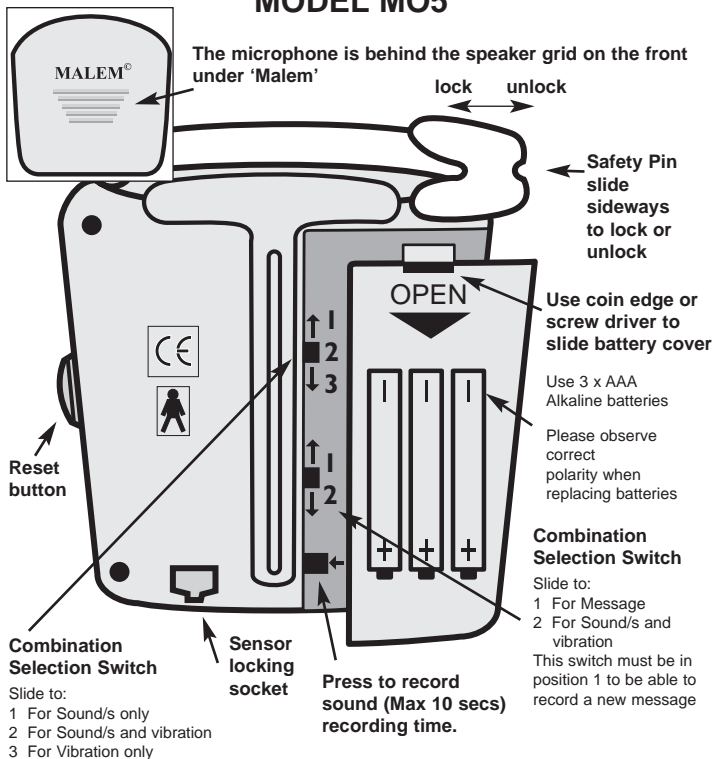
Single sound  
selection switch  
use a very small  
screw driver or  
paper clip to  
activate switch -  
(be careful)



**Use Alkaline batteries ONLY**

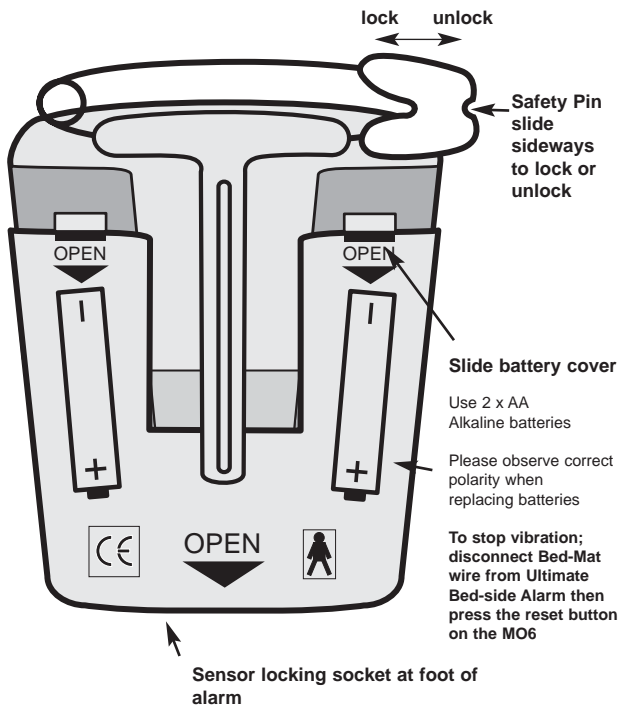
# Malem Ultimate 1 + Record Enuresis Alarm

## MODEL MO5



**Use Alkaline batteries ONLY**

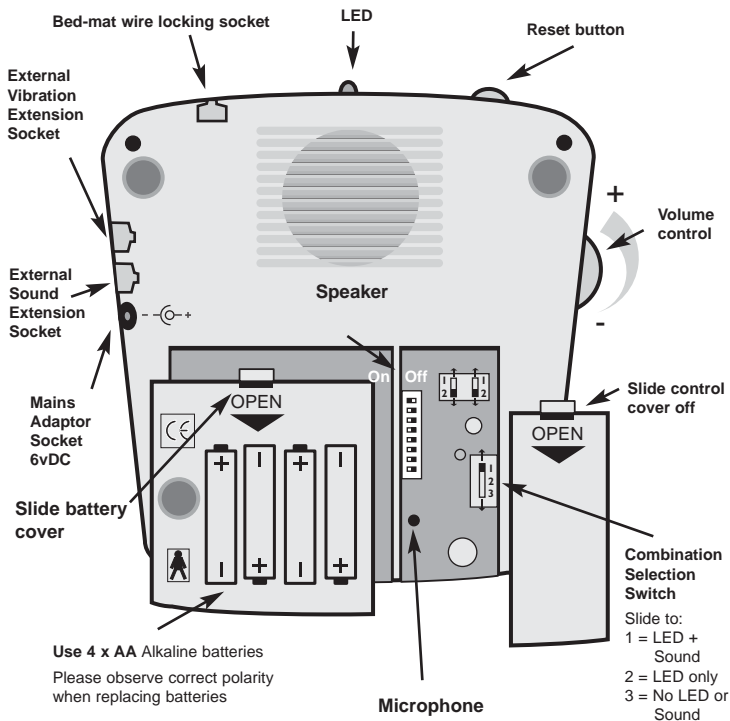
# Vibrating Unit for Malem Ultimate Bed-side Alarm MODEL MO6V



**Use Alkaline batteries ONLY**

# Malem Ultimate Bed-side Alarm

## MODEL MO6

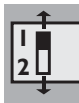


**Use Alkaline batteries ONLY**

\*Single sound selection switch must be on sound 1 (Top switch) for 8 sounds selection to be active

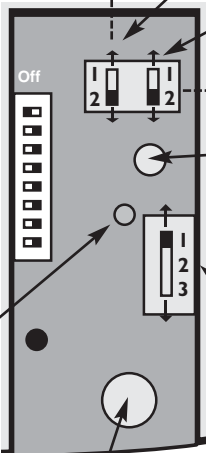
### Combination Selection Switch

Slide to: 1 = 8 Sounds\*      1 = Message  
 2 = Single Sound      2 = Sounds



Single sound selection switch  
 On ←→ Off  
 Select only one

- \*Single sound
- 1
  - 2
  - 3
  - 4
  - 5
  - 6
  - 7
  - 8



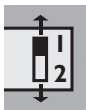
This LED is on when recording a new message as long as the record button is pressed

Test Button

### Combination Selection Switch

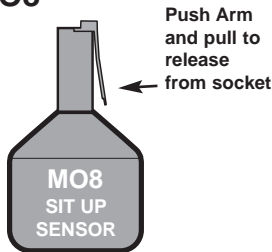
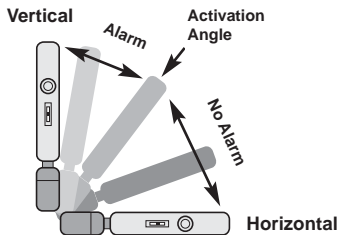
Slide to:  
 1 = LED + Sound  
 2 = LED only  
 3 = No LED or Sound

Press to record (Max 10 secs recording time).  
 To record a message the message/sound Combination Selection Switch must be in position 1 (message)



# Malem Sit Up Sensor

## MODEL MO8



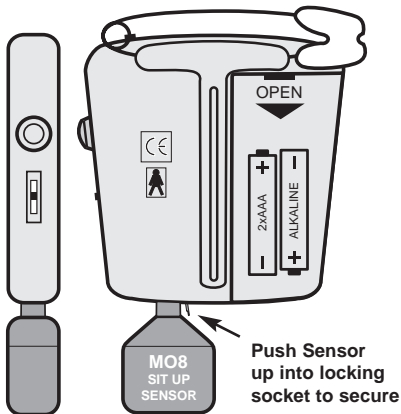
The Alarm will activate if the users movement make the sensor stand upright.

For best results:

1. Attach alarm inside a Pyjama Top pocket or,
2. Attach on the inside of a T-Shirt Collar or
3. Clip alarm to an elasticated bandage around the thigh.

To Stop Alarm:

1. Place Sit Up Sensor in horizontal position and press the reset button on the side.
2. Remove Sit Up Sensor from alarm and press the Reset button.



Sit Up Sensor can be used with all Malem Alarms

# Malem Queen's Square Bladder Stimulator

## MODEL PC9

To activate  
press pad against skin or  
use switch

Push button down for ON  
Push again for OFF

### Pull Down

Use 2 x AA  
Alkaline batteries  
Please observe  
correct polarity  
when replacing  
batteries

### How to use

1. place the  
Stimulator on  
the lower  
abdomen  
(above the  
pubic bone)  
before commencing  
passing urine and  
apply gentle pressure  
to activate the vibration.  
(If you are unable to  
exert sufficient pressure to  
activate, then use the on/off  
button on the back.)

2. Keep the stimulator vibrating while urine is being passed  
and for about one to two (1-2) minutes after you feel you have finished.

Adjust rope  
length by tying  
a knot

**Use Alkaline batteries ONLY**