

Model



MO12

## Malem Enuresis Wireless Alarm Instruction Booklet

### IMPORTANT

**Please read instruction booklet before use**

#### **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.
4. The receiver must be in the same room with the child so that the child can wake up and reset it.
5. No lifting, no nappies and no withholding fluids.

#### **Alarms cure by speeding up the natural process**

Malem Medical, 10 Willow Holt, Lowdham  
Nottingham NG14 7EJ, England, UK

Tel: + 44 (0)115 966 4440 Fax: + 44 (0)115 966 4672

E-mail: [malem@malem.co.uk](mailto:malem@malem.co.uk)

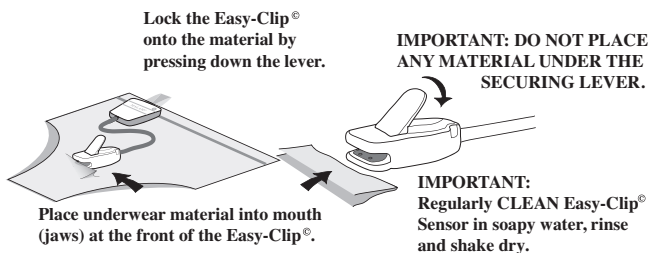
Web: [www.malem.co.uk](http://www.malem.co.uk) Web: [www.malemmedical.co.uk](http://www.malemmedical.co.uk)

FCC Certified.   © Malem Medical 2008 MM220708

## Malem Enuresis Wireless Alarm

### Instructions: Please read

1. Select a pair of close fitting cotton underpants.
2. Attach the small transmitter (Tx) to the **outside** of the underpants waistband using the magnetic clip. See page 12.
3. Lift the **Easy-Clip®** lever, remove and dispose of the white plastic insulator (if present). Keep lever up.
4. Attach the **Easy-Clip®** sensor to the **outside** of the underpants', at the location most likely to get wet first (boy or girl), by folding and inserting the material inside the sensor jaws at the front. Lower the lever to lock onto the material. See diagram below.
5. Switch on the receiver (Rx). Red LED will flash.
6. Place the receiver away from the bed but in the **same room** if treating Enuresis (bedwetting).
7. Upon waking to the alarm sound, remove the **Easy-Clip®** sensor by lifting the lever. Stop the alarm sound by pressing the reset button on the top of the receiver. Do not switch off the receiver. Use the lavatory to completely empty the bladder.
8. Replace the transmitter and the **Easy-Clip®** sensor onto a clean and dry pair of underpants as before.



## Malem Enuresis Wireless Alarm

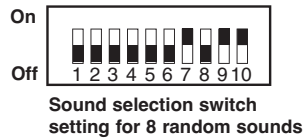
**Important: Rapid awakening upon hearing the alarm is vital for success. Most children, including non-bedwetters, tend to sleep soundly and heavily when at home. Better results are obtained if the parents/guardians help to wake the child upon hearing the alarm. The child must wake up sufficiently to be able to recall the event in the morning.**

- Motivation is vital. The child must want to be dry before using the alarm. You cannot help a child that does not want to help his or herself. Try and find out why they don't want to be helped. It could be some other problem.
- The child should be allowed to drink as much as they need even before going to sleep. Fruit juice or water is ideal. Avoid fizzy drinks, tea and coffee.
- No nappies or pull-ups.
- No lifting of the child (to empty the bladder) before the parents go to bed.
- Use a progress chart. Great encouragement is delivered by seeing a steady improvement.
- Always praise the child for a dry night. Never scold or chastise for a wet night.
- To avoid relapses use the alarm for a minimum of two weeks after dryness has been achieved.
- Regularly clean the **Easy-Clip**® sensor in soapy water. Rinse and shake dry to prevent 'fluff' and urine accumulation inside the jaws.
- Always test the alarm by lowering the **Easy-Clip**® lever (without material). The Tx LED should glow and the receiver should sound.
- When not in use never leave the **Easy-Clip**® lever down as this will activate the transmitter and discharge the battery.
- Always remove the batteries and clean the **Easy-Clip**® sensor if the alarm is not going to be used for a long period of time.

## Settings

### Sound selection: See page 9

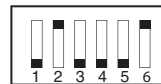
The Malem wireless alarm is set to 8 random sounds. If you wish to change to a single sound, remove receiver battery cover, slide all the switches from 1 to 9 to off (leave 10 on). Select any of the sounds from 1 to 8 by sliding the switch to 'On'. Sliding switch 10 to 'Off' will disable all sounds. Only the LED will be activated.



### For single sound selection



### Channel Selection Switch



### Channel selection: See page 11

The Malem wireless alarm consists of a matched pair of a transmitter and receiver. To avoid interference from other wireless equipment, you can change the channel. A choice of 64 settings is possible.

Remove the back of the transmitter by using a slotted screwdriver. Twist to open.

Change the setting of the code selection switch by moving any of the switches in any of the 64 combinations.

Replace the back of the transmitter. Avoid disturbing the water-seal ring.

### Re-tuning (Pairing) the receiver: See page 9

Push the straight end of a paper clip into the small hole at the back of the receiver under the green LED. The green LED will glow. Lower the lever of the **Easy-Clip®** (without material), the green LED will flash and the alarm will sound. Lift the lever of the **Easy-Clip®** and press the reset button on the top of the receiver.

The receiver and the transmitter are now automatically re-tuned again.

To prevent interference, use the same procedure when using more than one pair of alarms in the same location.

Alternatively, you can tune several receivers to the same transmitter. This is ideal if parents/guardians want an additional receiver in their bedroom.

## Fault Finding

- **Alarm does not sound:**  
Switch on the receiver (Rx). Red LED light will flash.  
Replace batteries with new Alkaline ones (2 x AA). Observe correct battery orientation and make sure contacts inside the alarm are clean and free of any deposits.  
  
Does the transmitter red LED glow when the **Easy-Clip®** lever is lowered? If not, replace battery (Alkaline 23AE 12v) observe correct polarity and clean contacts.  
  
If all the above fail, re-tune Rx and Tx, see pages 4 and 9.
- **Alarm does not reset:**  
Clean **Easy-Clip®** sensor by lifting lever, wash in soapy water, rinse under the tap and shake dry.  
Make sure **Easy-Clip®** lever is up.  
Make sure that underpants' material is not too thin or wet.  
Replace receiver batteries (2 x AA Alkaline).  
Transmitter is damaged or flooded.
- **Sound level is too low:**  
Adjust sound level with volume control.

## Guarantee

Under normal use the Malem Wireless Alarm is guaranteed for a period of three months from purchase. This excludes batteries, flooding, misuse, physical or accidental damage. If the alarm should malfunction during this period, please contact us BEFORE RETURNING. Please remove batteries and decontaminate the unit/sensor before returning. DO NOT return flooded or contaminated alarms.

## Repairs

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

## Cleaning

### Alarm units:

Wipe clean using a damp cloth and mild detergent.  
Dry thoroughly. **Never immerse in water.**




### Easy-Clip® Sensor:

Lift lever and clean in soapy water, rinse under the tap and shake dry.

## Specifications: Transmitter (Tx)

Colour:	Green
Dimensions:	4.4cm x 4.2cm x 1.9cm
Weight:	40g including battery and sensor
Battery:	Alkaline 23AE 12v. Observe correct polarity when replacing
Range:	Approximately 25m depending on nature of the structure and state of the battery. For treatment of Enuresis (bedwetting), receiver (Rx) must be in the same room as the transmitter (Tx).
Sensor:	<b>Easy-Clip®</b> . Keep lever up when not in use. Clean sensor regularly.
Clip:	Magnetic to secure Tx on outside of underpants along waistband (see diagram on page 12).
LED:	Internal red in colour. Glows when sensor detects wetness or if lever is lowered without dry material between the jaws in the front of the <b>Easy-Clip®</b> sensor
Frequency:	433MHZ
Model:	MO12 (Tx)

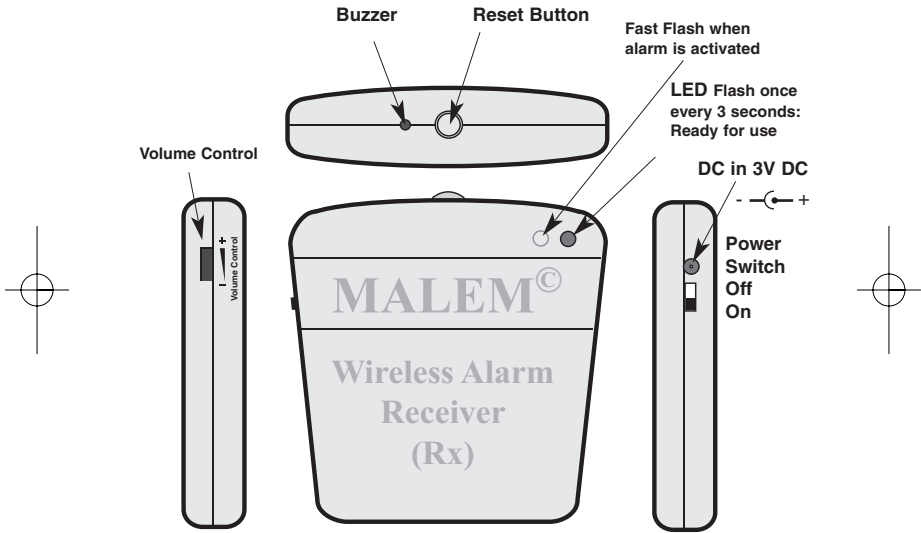
## Specifications: Receiver (Rx)

Colour:	Green
Dimensions:	7.4cm x 7.6cm x 2.5cm
Weight:	95g including batteries
On/Off:	Sliding switch on side
Volume:	Volume control wheel on the side. Turn up to increase and down to decrease.
Reset:	Button on the top. Will not reset if Tx is active.
Red LED:	Flashes every 3 seconds when Rx is ready for use.
Green LED:	Glow only during automatic tuning.
Tuning Point:	Small hole below green LED. Depress with the end of a paper clip. Green LED will glow. Activate the transmitter (Tx), the green receiver (Rx) LED will flash. The alarm will then sound to indicate that re-tuning (pairing) is successful.
Battery:	2 x Alkaline AA. Observe correct polarity and clean contacts when replacing.
Sound Selection	
Switch:	Under battery cover. For single sound: Slide to 'On' any switch between 1 and 8. Other switches apart from 10 must be 'Off'.
<b>Important:</b>	Tx and Rx must be in the same room for treatment of Enuresis (bedwetting). If Tx and Rx are not to be used for a long period of time, then it is advisable to remove the batteries from both.
DC Input:	3v DC input on the side if required. 
Model:	MO12 (Rx)  
Standards:	FCC Certified.

Malem Medical reserves the right to change specification without prior notice. © 2008 Malem Medical.

**Malem Enuresis Alarm**

**WIRELESS ALARM  
RECEIVER (Rx)**



**Use Alkaline batteries ONLY**

## Malem Enuresis Alarm

### WIRELESS ALARM RECEIVER (Rx)

**Sound selection switch**

On   
Off

**Sound Selection Correct setting for 8 random sounds (only one sound is activated each time alarm is triggered)**

On   
Off 8 random sounds setting

**Reset Button**

**Green Pairing LED**

**Pairing Tuning Hole**

**Channel Re-tuning (Pairing)**  
Press through the hole with a thin wire - such as a paper clip end to activate tuning. The green LED will glow. While glowing activate Tx by lowering Easy-Clip® lever. The green LED will flash then stop. The pairing is then complete.

**Receiver is automatically tuned to the transmitter.**

**Lift Easy-Clip® lever and press reset button on Rx to stop alarm sound.**

**2xAA**

**ALKALINE**

**OPEN**

**For single sound:**  
Select any one between 1 - 8.  
9 must be 'Off'  
10 must be 'On'

**Slide cover down to access batteries and sound selection switch.**

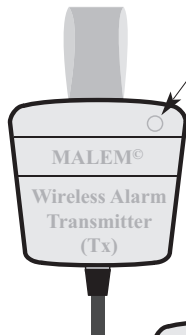
**Use Alkaline batteries ONLY**

## Malem Enuresis Alarm

### WIRELESS ALARM TRANSMITTER (Tx)

The red LED light will glow when transmitter (Tx) sensor is wet, also if the Easy Clip<sup>®</sup> sensor lever is down and there is no dry material between jaws.

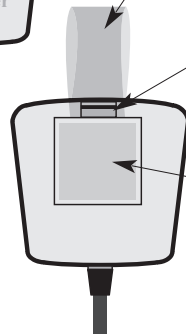
The battery will drain if the LED light is left on when not in use.



Clear band holder

Use slotted screw driver, twist to open back cover for replacing battery or changing the channel code

Magnetic clip

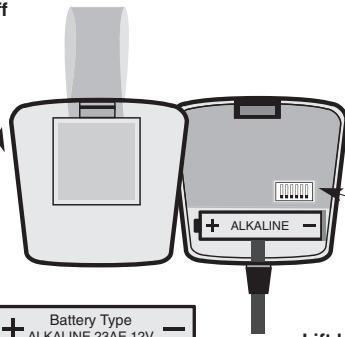


**Use Alkaline batteries ONLY**

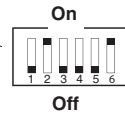
## Malem Enuresis Alarm

### WIRELESS ALARM TRANSMITTER (Tx)

Tx back off

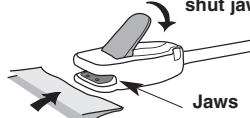


**Channel code selection switch**  
64 channel choices.  
If selection switch setting is changed then the receiver (Rx) must be re-tuned to the transmitter's (Tx) new code.



**REPLACE BATTERY**  
if red LED light does not glow. Make sure contacts are clean when replacing the battery.  
Observe correct battery orientation.

Lift lever to open jaws, push down to shut jaws



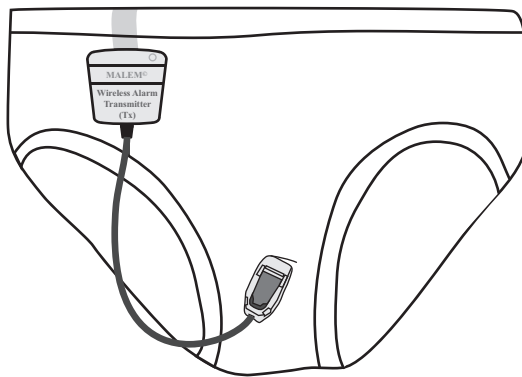
Place underpant material between the jaws.

**Easy-Clip® sensor**  
(Leave lever lifted up when not in use)  
Clean regularly in soapy water, rinse and shake dry.

### Use Alkaline batteries ONLY

**Malem Enuresis Alarm**  
**WIRELESS ALARM**  
**TRANSMITTER (Tx)**

**Set up position on underpants**



**Use Alkaline batteries ONLY**