

# **ALARM** AUSTRALIA

## **WMT-1000 Wireless Transmitter**

**Owner's Manual**



## **Compliance**

Complies with AS/NZS 4268 of 2003.

## **Installation:**

The WMT-1000 transmitter is used with the Farm Alarm™ WR-1000 receiver. The WMT-1000 transmitter uses a passive infrared (PIR) detector to detect people, vehicles or large animals at the monitored location. When the transmitter detects an object, it will send a signal to the receiver, which will sound one of four different tones (Classical, Westminster Chime, Ding Dong, or Whistle) for a few seconds. The transmitter can be used as a driveway alarm, or in the back yard to monitor around tool sheds or patios.

## **Operation:**

1. Connect a 9-volt alkaline battery to the transmitter.
2. Set the dip switches 1-8 on the transmitter module to match the receiver.
3. Set dip switches 9 and 10 to control the desired zone, tune, and relay output.

For maximum range between the transmitter and receiver, the transmitter should be mounted on a wooden post or tree(steel post may cause interference with the radio signal). Although the maximum range is about 1000 metres, obstructions such as hills, trees, and metal siding can reduce the range.

### PIR settings (figure 1)

The jumpers settings are as follows:

- Range:** High-25 metres  
Medium- 15 metres  
Low- 8 metres
- LED:** ON- led will flash when it detects  
OFF- led is always dark
- Filter:** On- set for outdoor use  
Off-set for indoor use
- Reset:** 15 seconds to reset after activation  
120 seconds to reset after activation

### Coding the transmitter:

1. When looking at the PIR you will see clips on the sides of the plastic case. Push one of the clips away from the center of the case and lift out the PIR and the plastic backing. You will now be looking inside of the case at the radio transmitter (figure 2 page 4).



Figure 1  
PIR with cover removed

2. Locate the dip switches in the WMT-1000 transmitter module (figure 2).
3. The first eight dip switches are for the frequency setting (256 combinations). Set switches 1-8 to match the eight switches in the receiver.
4. Switches 9 and 10 are for the channel setting on the transmitter. The four channels are as follows:

Switch 9	Switch 10	Channel	12-volt DC output	Tune
On	On	1	Yes	Classical
Off	On	2	No	Westminster
On	Off	3	No	Ding Dong
Off	Off	4	No	Whistle

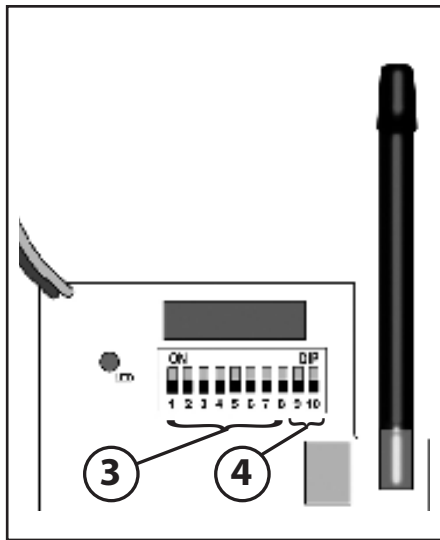


figure 2

### **Mounting the transmitter:**

1. Select a location to mount the transmitter, such as a post or tree.
2. For best result the transmitter should be approximately 1.2 metres off the ground, and about 6 metres from the side of the drive.
3. The transmitter will detect people or vehicles to about 24 metres, but occasionally it may detect past 30 metres. For this reason, it is best to avoid pointing the transmitter at streets or roads in the distance.
4. The transmitter must remain completely immobile or a false signal may result. For this reason, avoid mounting the transmitter on flimsy objects or small diameter trees that may move in the wind.

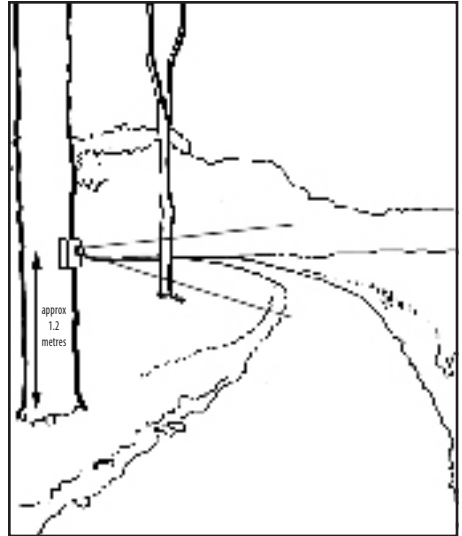


figure 3

### **Coding the receiver:**

1. Open the receiver case by inserting a small screwdriver into one of the pry notches on the side of the case. (refer to receiver manual)
2. Gently lift off the front cover.
3. Locate the eight dip switches on the receiver and make sure they are set identically to dip switches 1-8 on the transmitter.

***Note: If more than one transmitter is used with the receiver, the first eight dip switches of all transmitters must match the eight dip switches of the receiver.***

***Note: Whenever a change is made to the time jumper or the dip switches, the receiver must be turned OFF and then back ON to operate properly.***

Frequency: 433.92 MHz

Operating range: -20°C to 43°C

Battery life: 6-12 months

Reset time: 15 seconds

## **Troubleshooting the WMT-1000**

Although the WMT-1000 should be very reliable, there are occasions when you might have false alarms or a failure to alert. If you are getting false alarms, please try this:

- Make sure that the transmitter is not pointing at a road in the distance.
- The sun may be causing false signals; try to relocate the transmitter to a different position.
- Make sure the transmitter is not detecting animals.

If the transmitter is not detecting, try one of these:

- Change the battery in the transmitter.
- Make sure the transmitter and receiver are coded alike.
- Change the height and distance of the transmitter from the driveway.
- Move the transmitter closer to the receiver.
- Keep the transmitter away from large metal objects that may interfere with the radio signal.

## **TECHNICAL SUPPORT**

If you encounter any difficulty in the operation of this product after reading the manual, please contact us. You can reach Alarm Australia by phone on 1300 766 805. We will be happy to answer your questions and help you in any way we can.

## **WARRANTY**

Alarm Australia warrants this product to be free of defects in material and workmanship for a period of one year from the date of purchase. This warranty does not cover damage resulting from accident, abuse, act of God or improper operation.

If this product does become defective, simply return it to Alarm Australia. Please include a note describing the troubles along with your name and return address as well as the original sales receipt. If the product is covered under warranty it will be repaired or replaced at no charge. If it is not covered by warranty, you will be notified of any charges before work is done.

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