



650 Caravan Alarm Owner's Manual

REMOTE CONTROL TRANSMITTERS (two supplied)

LARGE BUTTON
(arm/ disarm, etc.)

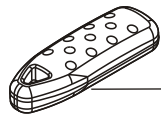
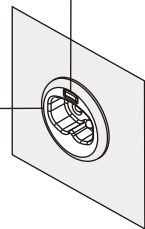
SMALL BUTTON
(remote 'panic', etc.)



RECEPTACLE AND TOUCH-KEY (two supplied)

STATUS LED

RECEPTACLE

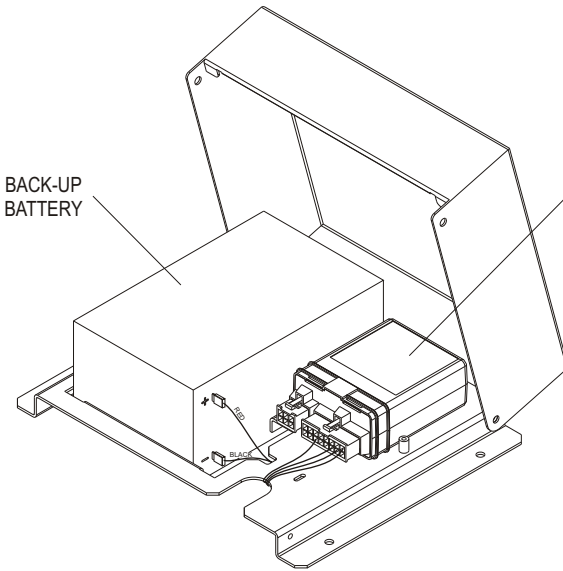


TOUCH-KEY

ALARM MODULE AND HOUSING

BACK-UP
BATTERY

650 ALARM
MODULE



BATTERIES

PIR Sensor.

The PIR is powered by two CR2032 Lithium batteries, which will power the sensor for two years with normal usage of the caravan. Test the batteries using the test/buzz mode.

To replace the batteries remove the front cover of the sensor and remove the batteries. Make sure that you install the new batteries correctly (avoid reversing the polarity).

Leg Sensor.

The leg sensor is fully sealed against dust and water and has a battery life expectancy of three years. When the battery goes flat the sensor will need to be replaced. Test the batteries using the test/buzz mode.

Battery Back-up.

The alarm unit incorporates a 7.5 Ampere-hour, 12-volt GEL CELL battery. This battery is charged from the caravan charger and the main 12-volt battery. The alarm incorporates circuitry to minimise damage to this battery if the caravan is left for an extended period, but periodic charging will prolong the life of both batteries.

The back up battery may be disconnected at delivery to prevent damage during storage - verify this with your dealer. To access the battery back up remove the two screws on the alarm module and open the cover. Plug the leads onto the battery if disconnected noting that the red wire is positive and the black wire is negative.

Remote Transmitter.

The remote control battery life is between three and five years. When the batteries eventually need replacement, the LED on the remote will flash when you depress either button instead of illuminating continuously as normal.

The remote control uses two lithium CR1220 batteries, which are available from most camera shops.

To change the batteries, undo the two Phillips screws on the back of the remote. Place the remote on a flat surface with the button and LED facing upwards. Gently separate the two halves to expose the batteries. Remove the old batteries and insert the new batteries, observing the correct polarity as marked on the inside of the remote casing. **DO NOT LEAVE BATTERY REPLACEMENT TO THE LAST MOMENT.**

Battery Low Indication.

The LED on the touch-key receptacle will indicate battery low while the alarm is off.

One flash - main caravan battery is low.
Two flashes - battery back up battery is low

If the main battery in the caravan is flat the time that the awning light is illuminated when arming and disarming will be reduced from 30 seconds to 5 seconds.

The status of the sensor batteries can be tested in the test/buzz mode.

Introduction

Congratulations! Your caravan is protected by an Autowatch security system designed to give years of trouble free operation. Made with only the highest quality components and using state of the art technology you can be assured that your caravan has the best electronic protection available.

BASIC OPERATION

Arming the System.

Briefly press (large) arm/disarm button.

Single chirp.

Awning light illuminates for 30 seconds.

Settling time of 15 seconds before responding to triggers.

Single intermittent flash of status LED (every 2 seconds).

All sensors triggered will result in siren sounding for 30 seconds,

Or until reset by pressing the arm/disarm button.

Disarming the System.

Briefly press the (large) arm/disarm button.

Double chirp.

Awning light illuminates briefly on and off and then on again for 30 seconds.

LED off.

Panic Alarm.

Press and hold the small panic button on the transmitter for two seconds.

The siren will sound for thirty seconds, unless reset by pressing any of the transmitter buttons.

Emergency Disarm.

Insert a touch-key briefly into the socket. The alarm will turn off.

Silent Arm and Disarm.

Press the small button briefly followed by a press on the arm/disarm button.

The alarm will arm/disarm without chirps.

SENSORS

Each caravan alarm is installed with a Passive Infrared Detector (PIR) and a leg sensor. Additional sensors can be purchased from your dealer to enhance security.

Passive Infra Red Sensor.

The wireless PIR sensor will detect movement in the caravan and transmit a radio signal to the alarm module, if the alarm is on the siren will sound.

Leg Sensor.

The leg sensor will detect the corner stabilising leg being raised or lowered and transmit a radio signal to the alarm.

The leg sensor is fully sealed against dust and water and has a battery life expectancy of three years. When the battery becomes exhausted, the sensor will need to be replaced.

ENHANCED FEATURES

Arming the System in "At Home" Mode.

In the 'at home' mode, any sensor that is programmed to be isolated, such as the PIR sensor, will not trigger the alarm. Other sensors, such as the leg sensor, will trigger the siren.

Arm as normal followed by a second press on the arm/disarm button within 2 seconds.

Normal "on" tone followed by "at home" tone indicating isolation is active.

Settling time of 15 seconds before responding to triggers.

Armed in the isolation mode will be indicated by a double flash intermittently of the LED.

The "at home" sensors will be isolated, other sensors will trigger the siren for 30 seconds.

Arming the System in Test or Buzz Mode.

In the buzz mode the siren will sound a short tone when a sensor is triggered instead of sounding for 30 seconds. It is advisable to test all the sensors periodically to ensure they are working. If the battery in the sensor is low the tone will change to a low frequency tone as a warning. Note that a PIR will not transmit within 20 seconds of the last trigger to conserve battery power. Ensure that you wait for at least this time before testing the sensor again.

Arm the alarm with a long push on the arm/disarm button. "On" indication will be followed by the test mode tone.

LED will illuminate permanently.

Settling time of 5 seconds before responding to triggers.

Tone of response will also indicate battery low.

It is also possible to enter test mode and isolate the "at home" sensors.

Arm the alarm with a long push followed by a second short push.

The "on" tone will be followed by the test tone and then the "at home" tone.

Switch Off Chirps Permanently.

Insert touch-key for ten seconds.

The LED turns on continuously for the first 5 seconds and rapid flashes for the next 5 seconds after which one audible beep is heard followed by a double beep, this single and double beep sequence is repeated.

If you want audible indication, remove touch-key after a single beep is heard. If you don't want audible indication, remove touch-key after a double beep is heard.

PROGRAMMING

Programming any additional sensors, transmitters or touchkeys can only be done with an existing touchkey. The quantity of devices that can be stored is as follows.

| | |
|--------------------------------------|-----------|
| <i>Remote control Transmitters</i> | <i>4</i> |
| <i>Touchkeys</i> | <i>4</i> |
| <i>Sensors (PIR and leg sensors)</i> | <i>12</i> |

An attempt to program an accessory in excess of the above number will result in overwriting the first accessories code.

Note that a PIR will not transmit within 20 seconds of the last trigger to conserve battery power.

Ensure that you wait for at least this time if you passed the PIR to enter program mode.

Learning a New Touch-key or Transmitter.

With the alarm disarmed insert a valid touch-key into the receptacle.

After 5 seconds the LED will flash rapidly indicating that you are in learn mode - remove the touch-key.

Momentarily insert the new touch-key or transmit with the new transmitter. Once the new code is recognised by the alarm a short beep will sound.

Insert the original touch-key, a double beep will confirm that the code has been stored.

The LED will flash rapidly again and additional transmitters or touch-keys can be introduced.

To exit learn mode briefly insert the touch-key used to enter program mode, or wait for 15 seconds.

Learning a New Sensor.

With the alarm disarmed insert a valid touch-key into the receptacle.

After 5 seconds the LED will flash rapidly indicating that you are in learn mode - remove the touch-key.

Trigger the new sensor, once the new code is recognised by the alarm a short beep will sound.

If the sensor is to be programmed into the "at home zone" confirm by pressing the small panic button on the transmitter.

If the sensor is to always fire the alarm confirm by pressing the large arm/disarm button. The alarm will beep twice to verify that the code has been stored.

The LED will flash rapidly again and additional sensors, transmitters or touch-keys can be introduced

To exit learn mode briefly insert the touch-key used to enter program mode, or wait for 15 seconds.

Changing Sensor Zones.

If a sensor needs to be changed from the "at home" zone to the "away" zone, or visa versa enter program mode as above.

When the LED flashes trigger the sensor to be changed.

The siren will beep.

Confirm the desired zone by pressing the small panic button for "at home" or the large arm/disarm for "away" zone.