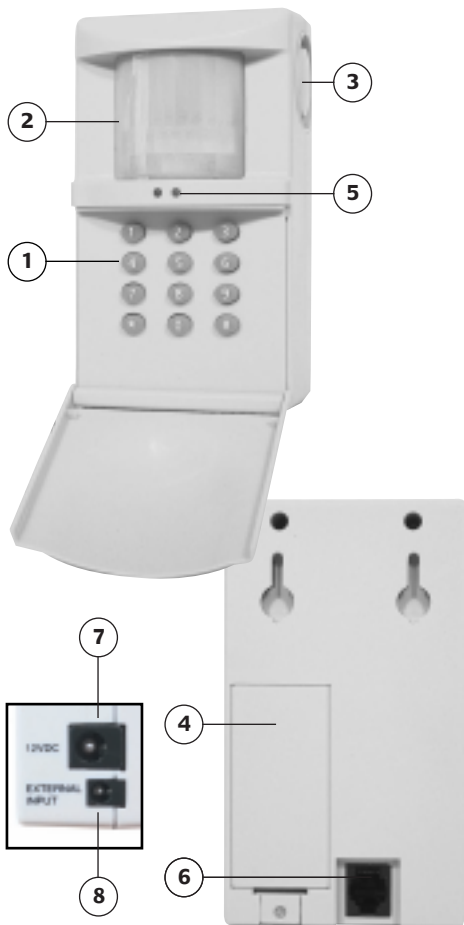


SECURITY SET WITH BUILT-IN TELEPHONE DIALLER
HOMEGUARD MS8000





1. SAFETY PRECAUTIONS:

- Home Guard is designed for indoor use only.
- Use Home Guard only in dry places
- The supplied power adapter is designed for use for 230V only
- Do not open the power adapter, as there is dangerous voltage inside. No serviceable parts are located inside.
- In case of any need for service, contact your nearest Marmitek Authorised Service Centre (MASC).
- The built -in siren generates an extremely high noise level that may harm you if you are too close! Never put your ears close to the Home Guard.

2. IMPORTANT FUNCTIONS AND CONTROLS:

1. Keyboard:

Open the cover by pulling the upper part forward.

2. Passive Infrared Sensor (PIR):

Detects motion within a range of 12 meters and an opening angle of 110{.

3. Siren:

Built-in 90dB siren is triggered by an alarm and can

be switched of (silent alarm) via the keyboard after entering your personal access code (PIN).

4. Battery compartment:

Contains a back-up battery in case of a power failure or tampering. For longer back up times a 9V alkaline (approx. 10h) or Lithium battery (approx. 30h) can be used.

Battery lifetime is reduced each time the power is switched off or the power adapter is disconnected from mains. If the Home Guard is disconnected from mains for a longer period of time on purpose, remove the battery first.

5. Status indicators:

6. Telephone input:

Connects the Home Guard to the public telephone network with the supplied cable.

7. Power supply:

Only use the supplied 12V power adapter.

8. External alarm contact:

This input allows you to connect any external alarm device with a non-powered NO (Normally Open) or NC (Normally Closed) contact. E.g. smoke alarms, magnetic door/window contacts, flood and temperature detectors, etc.

You may connect multiple devices in series to the Home Guard. This allows you to turn your Home Guard into a complete security system with built-in telephone dialler.

To connect any external security device, use the supplied cable with mini-plug or install an equivalent jack plug on these devices.

3. WIRELESS KEY FOB REMOTE CONTROL KR10/1

ARM: Will put the Home Guard into the armed position.

The alarm is instant or delayed. Delayed arming allows you to leave the room within 30 seconds or enter the room and switch off the alarm within 15 seconds after entering. The factory default is instant arming (no delay). To change this setting please refer to Delayed Arm (7).

DISARM: Switches off and resets the Home Guard.
PANIC: If pressed simultaneously will cause an alarm instantly.

Lights On/Lights Off: These buttons are not used with Home Guard.

Indicator flashes if remote transmits a command. If indicator does not flash or lights up weakly, replace the battery.

To replace the battery, remove the back of the remote control and replace the battery with an identical 3V Lithium CR2025 battery. Observe correct polarity.

If battery is replaced, you've to re-register with the base station (refer to installation).

4. SELECTING A SUITABLE LOCATION

The base station has a so-called passive infrared element that detects any change in temperature within its range. A certain amount of heat related to human beings is detected for an alarm. However to achieve the best performance of your Home Guard, note following installation recommendations before installing:

- It should be located at approx. 170-180cm height on a fixed vertical surface e.g. wall or cupboard
- Choose a location where an intruder may pass the monitored area at all time in an early stage of intrusion.
- Choose a location near to a wall outlet and telephone socket.
- The sensor should not be placed above or near heating elements or in front of air-conditioners.



- e. Do not mount the sensor on a metal surface or next to electrical equipment such as TV sets or computers.

Caution:

- a. Radio equipment (e.g. wireless headphones or loudspeakers) working on a frequency band of 433MHz will not create a false alarm, however, these devices will limit the RF range of the remote control considerably.
- b. Pets, e.g. dogs or cats, may trigger the alarm, and should therefore not be kept in the same room as where the activated sensor is mounted.

5. REGISTERING REMOTE CONTROLS (HANDSHAKE)

Home Guard can be remotely controlled by up to 4 radio remotes (1 piece KR10/1 supplied). For security reasons, each remote selects a unique code (1 out of 65.536) after the battery has been installed. Before using Home Guard, the base station has to learn this specific code from each remote:

- 1. Enter your PIN (Personal Identification Number). Factory default is [0000] see (9): You will hear three high tones and one low tone as con-

firmation. The green indicator starts flashing.

- 2. Press 1 on the keyboard of the Home Guard: One high tone is given for confirmation.
- 3. Press the ARM button on your remote: One low tone is given for confirmation.
- 4. Repeat step 1-3 for a second up to fourth remote if required.
- 5. Press any button on your Home Guard keyboard to finalise the registration procedure: One short low tone is given and the green indicator stops flashing.

If no successive commands are entered within a period of 15 seconds, the base station returns to normal operation. To restart the registration you start the procedure from step 1.

6. PROGRAMMING OF TELEPHONE NUMBERS.

You may select up to three telephone numbers to be contacted if the alarm is triggered. These numbers may include mobile (GSM) numbers, however you are not allowed to use national emergency numbers from e.g. police, paramedical, etc.

The numbers you chose should be have well informed people, instructed by you and able to help in case of an alarm (e.g. neighbours, friends, relatives or your own mobile).

To enter telephone numbers:

- 1. Enter your PIN (Personal Identification Number). Factory default is [0000]: You will hear three high tones and one low tone as confirmation. The green indicator starts flashing.
- 2. Press 2 on the keyboard of the Home Guard: One low tone is given for confirmation.
- 3. Press the [*] button: One high tone is given for confirmation.
- 4. Enter the first telephone number you selected (max. 16 digits). If a dialling pause is required (e.g. with a certain type of PABX between 0 and the number you want to dialled in order to obtain an outside line) press another [*] for a one second pause. One high tone is given for confirmation of each number entered.
- 5. Press #: One high tone is given for confirmation.
- 6. Press 1 to place the telephone number you just

entered in memory location 1. One short low tone is given and the green indicator stops flashing.

Repeat this procedure with the two other selected telephone numbers by pressing 2 and 3 for placing these in memory positions 2 and 3 respectively.

Note: All three numbers should be entered. You may enter the same number more than once.

Call Identification:

If you select telephone numbers of people who's number has been entered by more than one Home Guard, you can transmit an extra audible signal with the pre-recorded message in order to identify the Home Guard calling. The factory default is one beep at the end of the message.

To change the number of beeps (1, 2 or 3):

1. Enter your PIN
2. Press 4 on the keyboard
3. Press 1, 2 or 3 for the required number of identification beeps.

7. DELAY ARM

The alarm mode may be activated by either the

remote control or by the keyboard.

If the remote control is used, the Home Guard arms and disarms instantly.

If you require a delay, in order to allow yourself to leave or enter the room before arming or disarming the Home Guard, you may set the Home Guard to Delay Arm:

1. Enter your PIN (Personal Identification Number).
Factory default is [0000]: You will hear three high tones and one low tone as confirmation. The green indicator starts flashing.
2. Press 7 on the keyboard of the Home Guard:
One low tone is given for confirmation.
3. Press [*] for Delay Arm or # for Instant Arm:
One tone is given for confirmation and the indicator stops flashing.

8. SIREN

Your Home Guard is equipped with a built-in siren. This siren will frighten intruders so they'll leave the house.

If you require a so-called silent alarm (without siren), you can change the factory default:

1. Enter your PIN (Personal Identification Number).

Factory default is [0000]: You will hear three high tones and one low tone as confirmation. The green indicator starts flashing.

2. Press 3 on the keyboard of the Home Guard:
One low tone is given for confirmation.
3. Press [*] for Siren On or # for Silent Alarm: One tone is given for confirmation and the indicators stops flashing.

9. PIN CODE SETTING:

Your Home Guard can be operated and programmed by using a so-called PIN code (Personal Identification Number). The factory default code is: [0000]. To avoid unauthorised use, enter your own PIN code.

Note: Choose a code you will easily remember, since the Home Guard will recognise this code only for further operation.

1. Enter your PIN (Personal Identification Number).
Factory default is [0000]: You will hear three high tones and one low tone as confirmation. The green indicator starts flashing.
2. Press 5 on the keyboard of the Home Guard:

One low tone is given for confirmation.

3. Enter a new 4-digit PIN code: You will get three high tones and one low tone as confirmation and the indicator stops flashing.

10. DE-ACTIVATING THE BUILT-IN MOTION SENSOR:

If you prefer to operate the Home Guard only by means of the external alarm contact rather than the built-in motion sensor, you can de-activate the PIR:

1. Enter your PIN (Personal Identification Number). Factory default is [0000]: You will hear three high tones and one low tone as confirmation. The green indicator starts flashing.
2. Press 6 on the keyboard of the Home Guard: One low tone is given for confirmation.
3. Press [*] for activating the PIR or # for de-activating the PIR: One tone is given for confirmation and the INDICATOR stops flashing.

11. OPERATING INSTRUCTIONS:

Arm-Disarm

The Home Guard may be armed and disarmed by

the remote control or keyboard.

To activate the security system from the keyboard (always delayed):

Enter your PIN (Personal Identification Number). Factory default is [0000]: You will hear three high tones and one low tone as confirmation. The green indicator starts flashing.

Press # in the keyboard: You will hear one low tone as confirmation and the RED indicator lights up, the GREEN indicator will flash during the delay (30 seconds).

After 30 seconds the Home Guard is armed and will generate one low tone for confirmation.

To disarm the Home Guard via the keyboard:

1. Enter your PIN code: 4 short tones will be generated as confirmation.
2. Press [*]: One short tone will be generated and the RED indicator will go out.

To arm and disarm the Home Guard with the remote control:

1. Press ARM to activate the alarm.

2. Press DISARM to de-activate the Home Guard.

If you use the remote, the arming and disarming may be instant or delayed, depending on the settings of the Home Guard.

To generate a panic call: press both PANIC buttons at the same time.

To reset the alarm:

If an alarm has occurred it can be reset by:

1. The person called pressing 0 on the telephone dialler just after the beep(s) in the message.
2. Pressing DISARM on the remote control.
3. Disarming the system on the keyboard by entering your PIN followed by [*]

Alarm message:

During an alarm the telephone dialler will dial the first number. It will start transmitting the pre-recorder message as soon as the last digit has been dialled. The message lasts 9 seconds and will be repeated twice. The pre-recorded message is followed by a beep. After this beep the system will wait for call confirmation which can be given by pressing 0 on a DTMF (touch tone) telephone.

In case the confirmation is not received, the Home Guard will start dialling the second number and follow the same procedure. If the second person does not give confirmation, the third number will be dialled.

NOTE:

Instruct the person who's number has been entered to give the confirmation 0 just after the beep(s). Since telephone answering machines or voice mail facilities will not generate the confirmation, these will be ignored. It is recommended to do a test with the people involved in order to let everyone get acquainted with the system.

12. TROUBLESHOOTING:

1. The sensor Home Guard does not react to the remote:
Follow the registration procedure in order to lock in the remote.
Check that the indicator on the remote comes on. If not, replace the battery
2. The base station does not react at all, the green indicator s not on:
Check the power supply and/or the replace the back-up battery.

3. The telephone dialler does not dial out:
Check that the telephone plug is connected properly
Check that the telephone outlet is responding to a normal analog telephone.
4. False alarms:
Reposition the Home Guard, away from heating elements, direct sunlight, etc.
Check that no pets can trigger the alarm.
5. Limited range of the remote:
Check the condition of the battery and replace the battery if required.
Check if no other devices interfere on the same frequency e.g. wireless headphones etc.
6. PIR or siren do not respond:
Check that PIR or SIREN has been activated.
7. Any other malfunction:
Disconnect the Home Guards from mains and back-up battery. This will reset the Home Guard.
Re-install the Home Guard according to the instruction manual.

Do not open the power supply or Home Guard. No serviceable parts inside!