

# Wireless security with alarms via mobile radio

Enjoy greater peace of mind and protect remote or mobile property

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communication



- Alarm system monitors vacation homes, caravans, boats, etc.
- Calls up to five user-programmable telephone numbers via mobile radio
- Independent from the fixed network
- Alarm triggering using motion detector or panic button (remote control)
- Very simple to get up and running

Are you interested in keeping constant track of whether anyone is breaking into your yacht or your summer home?

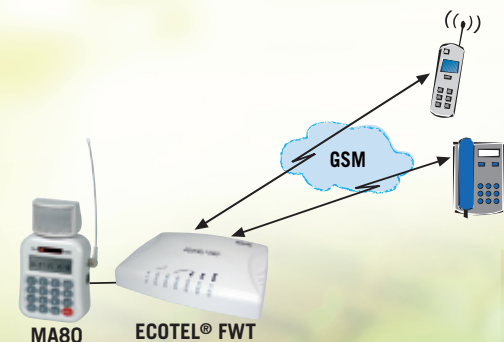
Would you feel more secure if you had a way to monitor your valuable property? VIERLING's ECOTEL® FWT mobile radio adapter works with the MA80 alarm system to deliver a tested highly cost-effective and dependable monitoring system that automatically dials up to five user-programmable telephone numbers in case an alarm needs to be sent.

## Independence from the fixed network

The motion sensor built into the MA80 detects any motion in a range of six meters. The ECOTEL® FWT GSM gateway will then automatically dial the programmed telephone numbers via mobile radio – without

any access to the fixed network. The party receiving the call hears the alarm and can immediately decide how to respond. Besides vacation homes, the monitoring system is also very useful for securing mobile properties such as caravans, boats and yachts. In case of an emergency, the alarm can also be triggered using the panic button on the MA80 or the remote control.

This is useful, for example, for persons living alone who require medical assistance in an emergency. Besides making calls, the integrated siren can also be used to generate an alarm and scare off intruders.



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# No assembly required



No assembly is required to install the system. Once you place it in a corner, it can monitor the whole room. If you change locations, it is easy to take the system with you. The built-in power supply provides standard power to the system. A battery delivers power during power failures.

The monitoring system is easy to get up and running:

- Insert the SIM card into the ECOTEL® FWT
- Connect the MA80 to the ECOTEL® FWT with the cable
- Program the desired telephone numbers into the MA80
- Switch the system on

All you need to do is make sure that the mobile radio signal has sufficient strength. All events that occur are saved with the date and time of day. System security is ensured using a password.

Optional MA80 features include:

- Hard-wired magnetic contacts for securing doors and windows
- Detectors with break contacts (e.g. smoke, gas and water detectors)

## Specifications:

### MA80 alarm unit

Power supply:	Included
Emergency power:	9 V battery
Radio receiver for remote control:	433.92 MHz
Siren:	100 dB(A) output volume
Siren duration:	Approx. 30 s alarm / 30 s quiet / 30 s alarm
Bell function:	Can be deactivated; indicates motion with a bell tone
Programmable telephone numbers:	Max. 5 numbers
Automatic dialing:	Up to five times
Output delay:	Approx. 55 s
Input delay:	Programmable 0/5/10/15/20 s

### Motion detector (built into alarm unit)

Sensor:	Passive infrared (PIR)
Detection angle:	Approx. 100° (horizontally)
Detection range:	Approx. 6 m (installation height: approx. 0.5 to 2 m)
Orientation:	Can be rotated and tilted

### GSM gateway ECOTEL® FWT

Power supply:	Included
GSM frequency band:	900/1800 MHz
Connectors:	RJ-11 jack for MA80 Antenna connector

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