



CMR Electrical Ltd  
Bolton House  
Five Chimneys Lane  
Hadlow Down  
East Sussex  
TN22 4DX  
Tel: 01825 733600

## Adding a Text Messaging Alert to our Standard Products

The SMS text messaging alert system is used when the water leak, over temperature or oil leak alarm unit is positioned in an unmanned area or remote area. When an alarm is raised a simple text message will be sent to one or two users mobile phones with a second message when the alarm clears.

The unit is a simple low cost text messaging system using the mobile phone network. The unit will send the text message "Zone 1 Triggered" to one or two mobile telephones including land line telephones when one of its two inputs are energised. No phone lines are required just a SIM card from a mobile phone company that the users chooses.



Programming is simple and only requires the user to phone the unit from the phone or phones that needs to receive the message. Once the unit receives the phone call it stores it in memory. The only thing to do then is add the location words i.e. "Plant room leak alarm" in the mobile next with the units phone number. To increase system reliability, it is recommended not to use prepaid SIM cards. The system would fail to send any messages upon depletion of prepaid account. Also it is recommended to disable call forwarding and voice mail. It is worth to choose the same GSM cellular provider as most users use assuring fast and reliable SMS message delivery and phone call connection.

The unit works over GSM network. It works 24/7, i. e. it always reacts to an alarm signal. When an alarm is raised, the system will send an SMS message or calls both User 1 and User 2. A second way of programming the unit for User 1 and User 2 is to enter the phone numbers manually into the SIM cards memory. Users phone numbers must be entered under names "User 1" and "User 2". Any number format can be used, for example +37011111111, 8611111111 or even short numbers like 111. Users can choose which way the system informs about triggered zones. By default, SMS mode is enabled and SMS message with the name of the triggered input (zone) is being sent to both users (for example – ,Triggered ZONE1' or ,Triggered ZONE2'). When triggered zone is restored, the system sends SMS about restored zone and turns back to the previous status for example – ,Restored ZONE1' or ,Restored ZONE2'). If system calling mode is enabled, at first the system will call to User 1 and then to User 2. If user answers to the system call, it will last for 10 seconds and then system will hang up.

The system will ignore calls coming from unknown telephone numbers, If the user calls to the system it will answer the call. This function is useful to check if the system is working correctly.