



GSM AUTO DIALER

Remote monitoring & Control using your mobile phone

www.gsm-activate.co.uk



MODEL NUMBER - ADRV11

Product Information

Our GSM Auto-Dialer is a versatile unit which can be attached to many of your electronic devices in your homes; work, gardens or wherever you may need it. It will alert you using GSM technology and send you a text message or make a call to your mobile phone or land line so you are aware if there is a problem, failure or status change wherever you are in the world.

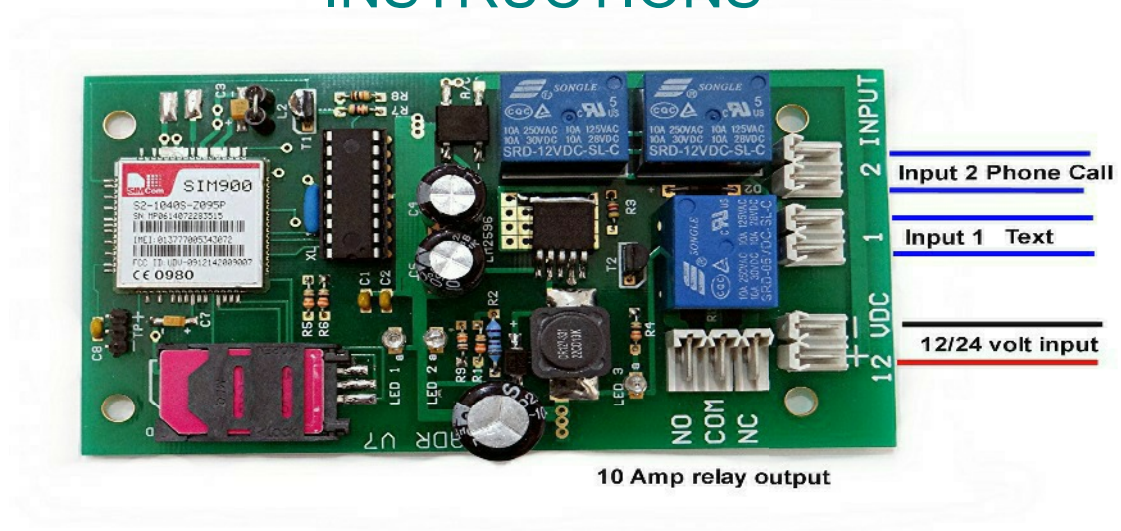
Our GSM Auto-Dialer is set apart from other models on the market by being quad band frequency meaning it can be used worldwide and we frequently ship models all over Europe, USA and Australia with excellent feedback.

The unit is also enclosed in a IP65 rated box which means it is perfectly weathered for outside installation and has passed testing in high temperature and below freezing conditions.

Specification

- GSM Frequency: Quad band fre 850/900/1800/1900 Mhz.
- Power Supply Voltage: 9 - 24 volts DC - 1 Amp Max
- Current used in standby mode: 25mA Max
- IP 65 Enclosure rating for outside installation
- 2 inputs: Negative or Positive Triggered
- 10 Amp Relay Output
- Standard 2G Simcard
- No land line required
- Dimensions - L150 x W90 x H45mm
- Dimensions PCB Only - L125 x W67mm
- Sim Active Function
- Input 1: SMS Text Alert Max 3 numbers
- Input 2: Dial Out Call Alert Max 3 numbers
- Operating Temperature: -10...+40°C
- Programmed by Text / SMS Message
- Text for signal strength

INSTRUCTIONS



1. Slide back the sim door and lift it up.
2. Slide the simcard into the door making sure that the clipped corner of the simcard lines up with the clipped corner of the simcard holder.
3. Close the sim door.
4. Slide the sim door to lock the simcard in place.

When you first switch the unit on the red and blue led will come on for 3 seconds.

The blue led will then go out leaving just the red led on.

When the unit finds a signal the red led will go out and the blue will come on and must stay on before you can operate the unit.

IMPORTANT - PLEASE READ
PLEASE MAKE SURE YOU DISCONNECT THE POWER WHEN YOU FIT THE SIM CARD THEN PLACE THE SIM CARD WITH THE CLIPPED CORNER FACING OUT WARDS. PLEASE SEE PICTURE ABOVE.

SIGNAL STRENGTH:

To help make sure that you place the unit in a suitable position you can text the unit to see how much signal strength the dialler is receiving, by texting the command **#SIGNAL#**

The dialler will perform a test on the signal strength.

You will receive a text telling you a signal strength score between 0 up to 30 we strongly recommend that you place the unit where you can receive a signal strength score of at least 10. You will find that with a score of less than 10 the unit will be unreliable.

You can purchase a 3 metre antenna booster from the website www.gsm-activate.co.uk to give the unit better signal strength.

How to program the contact number.

After inserting your simcard into the Auto-Dialer turn the unit on and wait until you receive a steady blue light, this will indicate that you have a mobile signal.

You will now need to send a text with the contact number

Note - To avoid confusion we have colour coded the hash (#) and the equals (=) symbols.

Example: (hash) (1 or 2 or 3) (equals) (phone number) (hash)

#1=01798865555#	then send this as a text to the simcard
#2=07748434444#	then send this as a text to the simcard
#3=07754063333#	then send this as a text to the simcard

If you wish to cancel a number follow this example

Example: (hash) (DELETE) (equals) (1 or 2 or 3) (hash)

#DELETE=1# then send this as a text to the simcard

**PLEASE SEND ONE MESSAGE AT A TIME AND WAIT FOR THE AUTO-DIALER TO SEND
YOU BACK THE TEXT ACKNOWLEDGEMENT
"NUMBER STORED" BEFORE YOU TRY TO ADD ANOTHER NUMBER**

Below is a notepad to help you remember the numbers that you have saved to your simcard in the event you need to modify or delete in the future.

#1= _____ #

#2= _____ #

#3= _____ #

How to program the SMS text message

You can now change the alarm message to one of your own choosing.

To change the message send the text command as follows.

#MESSAGE= YOUR MESSAGE #

This will change the message to “YOUR MESSAGE”

The default message is **ALARM**

NOTE

You can only use a maximum of 30 characters including spaces for your customised message.

*You will receive a text acknowledgement **“MESSAGE STORED”** once the unit has changed the message.

FACTORY RESET:

To perform a quick factory reset which will delete ALL stored numbers and custom messages please use text command **#RESET?#**

The RED LED will flash 6 times to indicate that the reset has been successful.

How does the Auto-Dialer work?

The Auto-Dialer has two alarm inputs and one 10 amp relay output. When an input is activated the blue led will start to flash 6x times this indicates that alarm signal has been triggered.

INPUT 1: (text mode) When activated it will automatically send a text message to 3 pre-programmed numbers that you have programmed into your Auto-Dialer. The text message will say (“**ALARM**”).

INPUT 2: (Phone call mode) When activated it will automatically dial out to 3 pre-programmed numbers. After dialling the numbers it will hang up after 6 ring tones. This will prevent any call charges being made to the simcard.

AUTO RESET:

This will happen automatically when the input trigger is reset. The Auto-Dialer will then be ready for the next trigger input.

RELAY OUTPUT:

This unit has a 10 amp relay output which can be used to turn on external equipment such as an alarm bell or lighting. The relay is programmed to come on when the Auto-Dialer has been triggered for a period of 30 seconds.

Note

Please make sure you have credit on your simcard to receive text messages and acknowledgments.

Depending on how busy your telephone network is at the time it may take some time to receive a text acknowledgement.

The unit has a “sim active” function which monitors the activity on the simcard. If it has been inactive for 6 weeks it sends a text to a pre-recorded number. This will then eliminate any issues of the simcard getting shut down if they are unused for 3 months.

New SIM cards will need registering before they can be used. Full details of how this is done can normally be found in the SIM card pack. It will normally require that the SIM card is inserted into a mobile phone, a number dialled and instructions followed. Details of how to do this can be found on the SIM card provider's web site or by calling their customer services. Please use one of the following SIM card providers (Vodafone, TMobile, O2 or Orange).

We do not recommend using 3 at this present time

Quick Reference

SEND TEXT

#SIGNAL#

#1=number#

#Delete=1#

#MESSAGE=yourmessage#

#Reset?#

OPERATION

Check Signal Strength

To Store Number

To Delete Number

Change Default Message

Factory Reset

ACKNOWLEDGEMENT

0 - 30

Number Stored

Number Stored

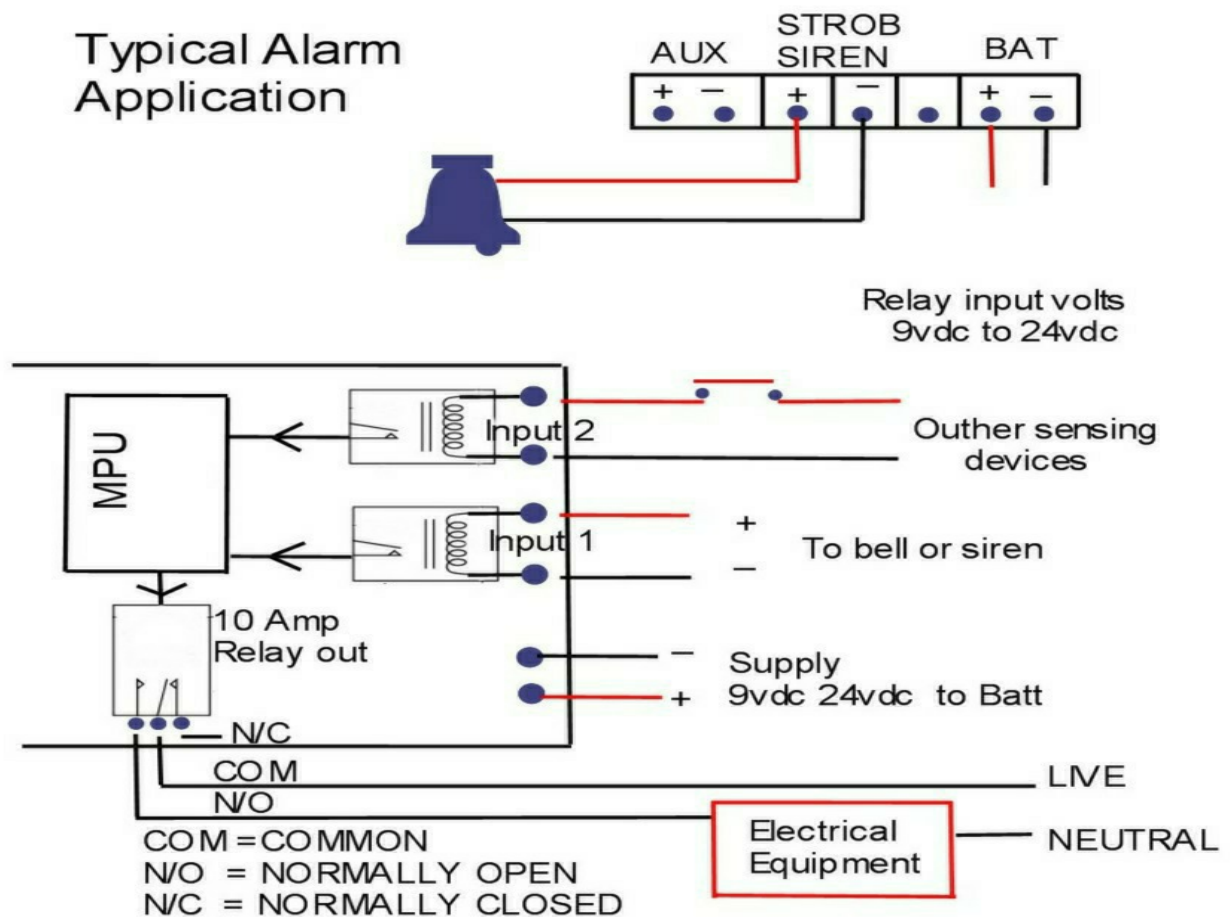
Message Stored

Red Light Flashes X6

Typical Application of Product

- Security alarm system applications
- Supervision and monitoring alarm systems
- Automatic monitoring system
- Vending machines security protection
- Pumping stations; tanks, oil or water levels
- Buildings and real estate
- Weather stations
- River monitoring and flood control
- Fridges/Fish Tanks
- Farming equipment and security

NOTE - Please make sure you supply a 9 - 24 volts DC from the battery terminals via a 2 amp fuse (for alarm panel installations)



INPUT 1+2

As you can see in the circuit diagram above the inputs are relays and can be activated by supplying 9v to 24v volts across the input terminals for 4 seconds. This will activate the input.

Relay Output

The relay has Common, Normally Open and Normally Closed contacts which are capable of 10 Amp loads. This is suitable for turning on or off electrical equipment. Alternatively it can be used for resetting your alarm system.

For more technical support please browse the FAQ's on our website www.gsm-activate.co.uk
Alternatively email our technical support team at technical@gsm-activate.co.uk and we will do our best to reply within 24 hours Monday - Friday.