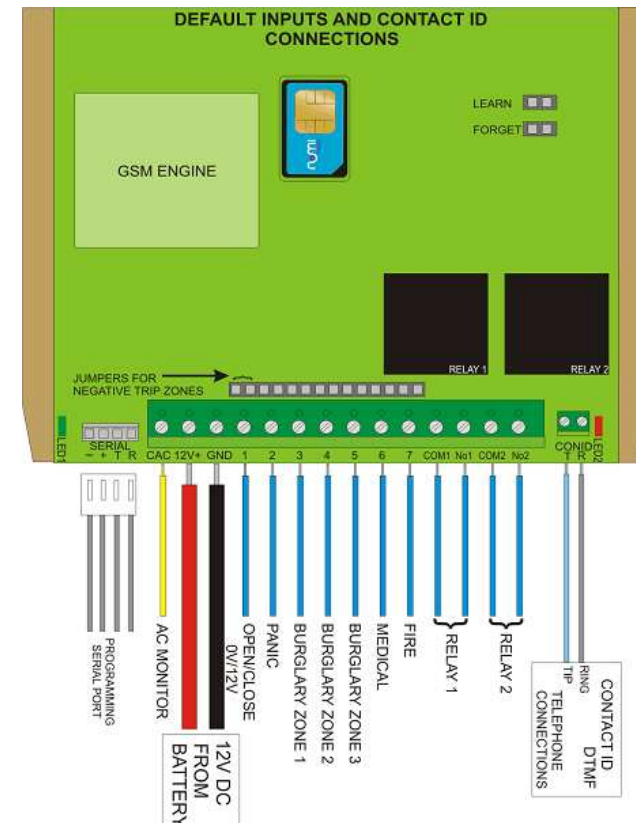


Radionet Monitoring TXC Enterprise GPRS Communicator

Integrating the TXC into any alarm system is easy. The following steps apply to the TXC in order for the TXC to communicate with the monitoring centre it has been programmed for:

1. Connect a 12v DC source that has a backup facility to the 12v and GND connectors of the TXC
2. Connect the TIP/RING of the alarm panel directly into the TIP/RING of the TXC
3. Enter programming mode of the alarm panel
4. Program the account number that you require to be forwarded to the monitoring centre (4 Digit Contact ID)
5. Program a telephone number consisting of 5555555
6. Select Contact ID as the format
7. Select blind dial (Or dumb dial, force etc)

The TXC will now relay ALL information normally transported via landline over the Vodafone GPRS network in FULL TCP/IP.

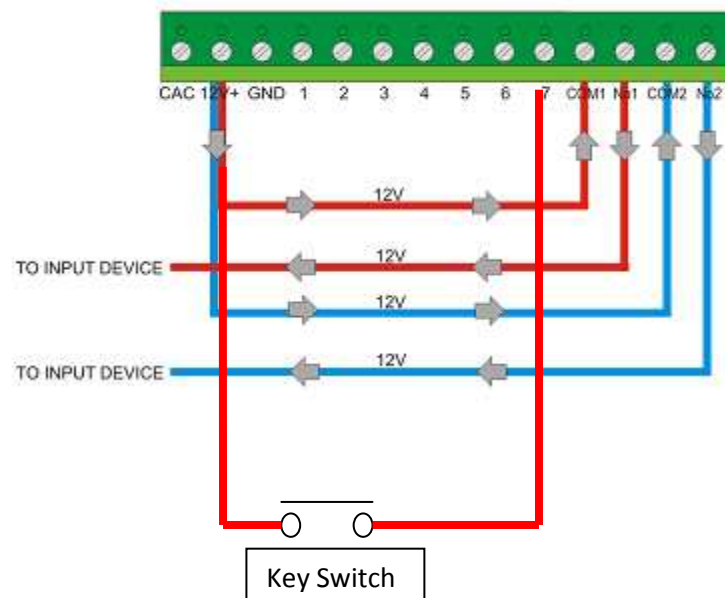


Inputs or Zones 1 - 7

The TXC has the ability to operate in two modes when using the inputs 1 – 7.

1. Standard Mode – All inputs can be programmed to transport any of the entire contact ID range of events, including Zone and partition, and allows for both activation and restore. The state of these inputs are 24hr, and will trigger when either a +12v or GND is applied. This depends of the state of the configuration pins above each input. **12v applied will send a activation when the jumper is off. It will restore when the 12v is removed. When the jumper is on, the state of the input will be in restore when the GDN is applied and will send an activation when the GND is removed.**
2. Alarm mode – In this mode all inputs are converted to alarm panel zones. The zones are configured as per the installation diagram below. The configuration of each zone is as follows:

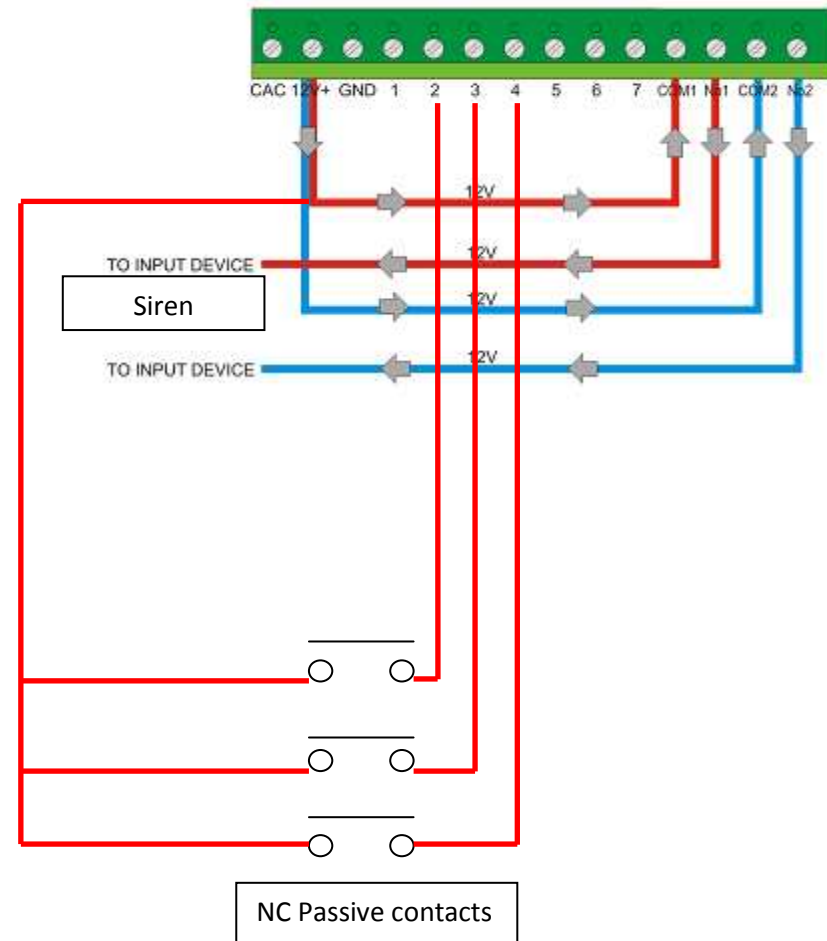
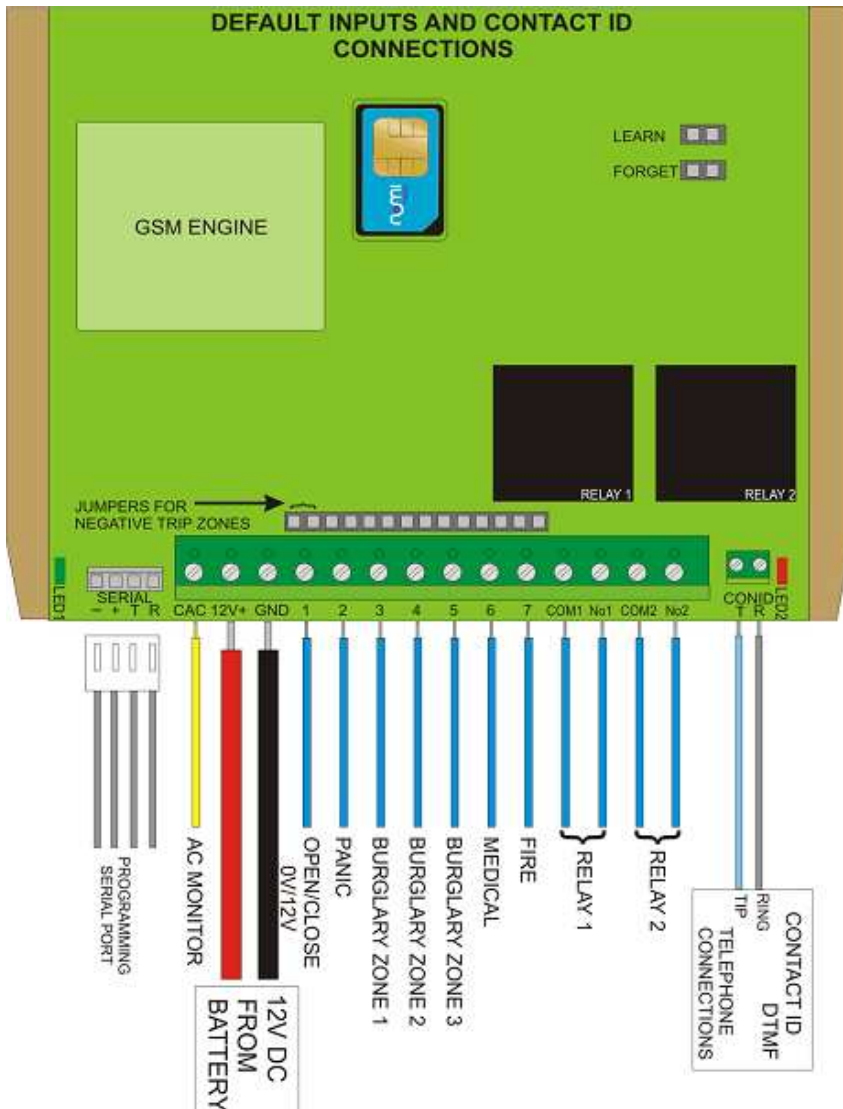
1. Alarm Zone 1
2. Alarm Zone 2
3. Alarm Zone 3
4. Alarm Zone 4
5. Alarm Zone 5
6. Panic 24hr Zone
7. Key switch Zone



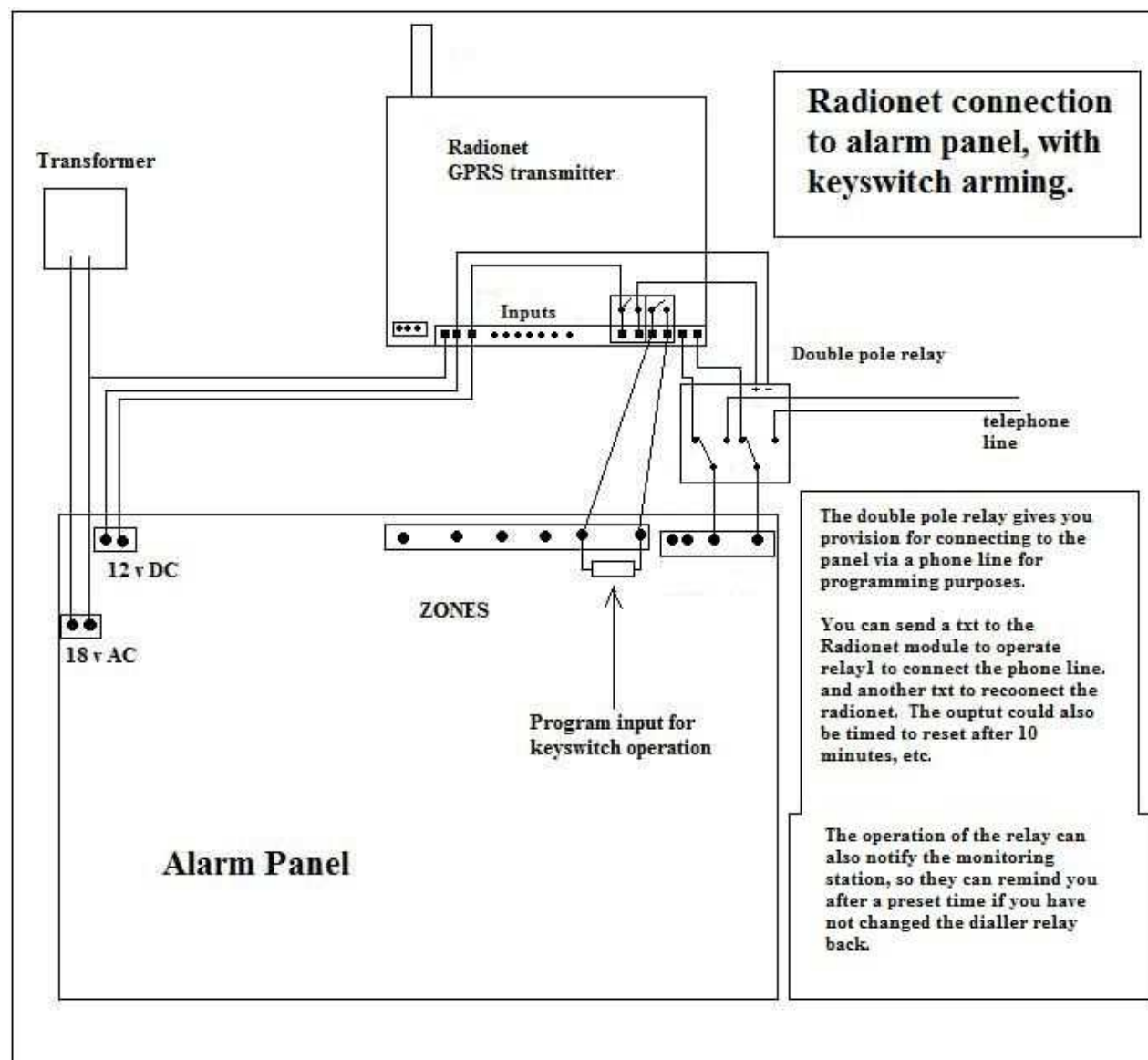
Remember that the output relays can act in any switch configuration as they are dry contacts. These are programmable from the programming software and can be configured as pulse or latch. They can also be triggered via the remotes or via txt message. 200 remotes can be programmed.

Wiring Passive info reds is simple. Connect a 12v and GND to each passive, and run the 12v source through each NC contact to each zone. In other words the following:

1. Zone 1: 12v to NC, from the other side to Zone 1
2. Zone 2: Repeat as in zone 1 but terminating at Zone 2



To prevent the TXC Enterprise from sending a mains failure false alarm and function as intended, either wire the CAC to one leg of the 17v AC output of the power transformer or to disable it do so from the programming.



Basic Antenna knowledge Tips for Installation

1. Always ensure that the antenna is installed vertically.
2. Where possible ensure the antenna is not within 180mm of any metal shielding
3. Check with Monitoring that the signal strength is acceptable, see the recommended sheet below
4. It is good practice to check GPRS coverage prior to quoting or installation, see www.vodafone.co.nz/coverage

Radionet GPRS Enterprise Signal Levels

Signal Level	Comment	
0 - 5	Not useable	try reposition the antenna or implement a high gain antenna
6 - 10	Barely useable	try reposition the antenna or implement a high gain antenna
11-14	Will work, but low	try reposition the antenna or implement a high gain antenna
15-20	Medium	
20 - up	Good – Very Good	

Programming in remotes

Program remote is quick and simple. Simply follow these steps:

1. Place the learn jumper on the pcb
2. Press one button on the remote. The LED on the small remote PCB (Top right hand side) will flash to acknowledge the learn.
3. Repeat this for each remote.

The functions of each remote can be programmed in the programming software. These consist of:

- Arm/disarm Zones
- Panic
- Fire
- Medical
- Outputs
- etc