

### AT-GSC-16 - Installation Instructions

1. Open the panel door
2. Fix panel to a flat surface
3. Connect 16 remote AT-G-SENSE sensors to AT-GSC-16 Control Panels at positions CN1 through CN16 using 2 wire cable (7/0.2mm alarm cable up to 500m length, it does not matter which wire goes to which side of the terminal block position)
4. Mount sounder supplied if required and connect to CN19 as marked (connector block maximum wire size 2.5mm).
5. Mains L.E.N connect to CN17 and should be externally switched and fused at 5A.
6. Connect to relay if required at positions CN18 and CN20 N/O or N/C as preferred. Relays are rated at 10A 230V AC max. Both operate at the same preset alarm level.
7. Connect panel interconnect if being used at position CN22. 2 wire cable (7/0.2mm alarm cable up to 500m length, it does not matter which wire goes which terminal)
8. Set remote reset Enable/Disable at HD1 using Jumper JD3. Factory default is Enabled.

### AT-GSC-16 Control Panel Operation Instructions

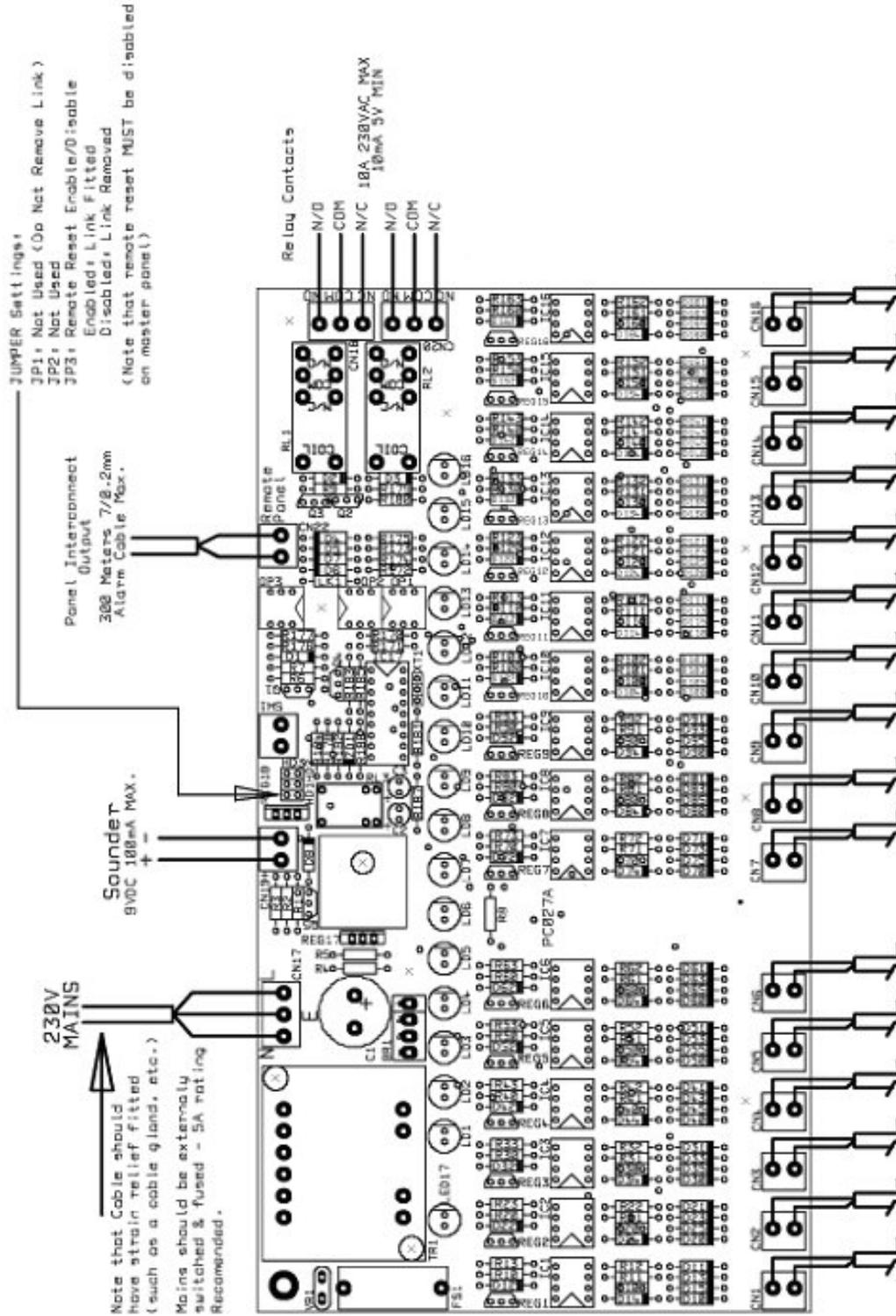
When powered up the green Led will flash. Red LED's will also light if not connected to a remote panel or sensor. If a remote sensor is connected and in its 5 minute warm up phase the control panel red LED will blink until the warm up has completed. Any unconnected terminals need to be disabled by fitting a resistor as specified, 2200 ohm.

Should any AT-G-SENSE sensor go into alarm the corresponding Red LED lights on the AT-GSC-16 Control Panel. The Siren (if fitted) sounds, and the relays and external interface will activate. The siren can be deactivated using the key switch. When the leak has been fixed and the gas has cleared, pressing the reset button will reset the panel and the in room AT-G-SENSE unit.

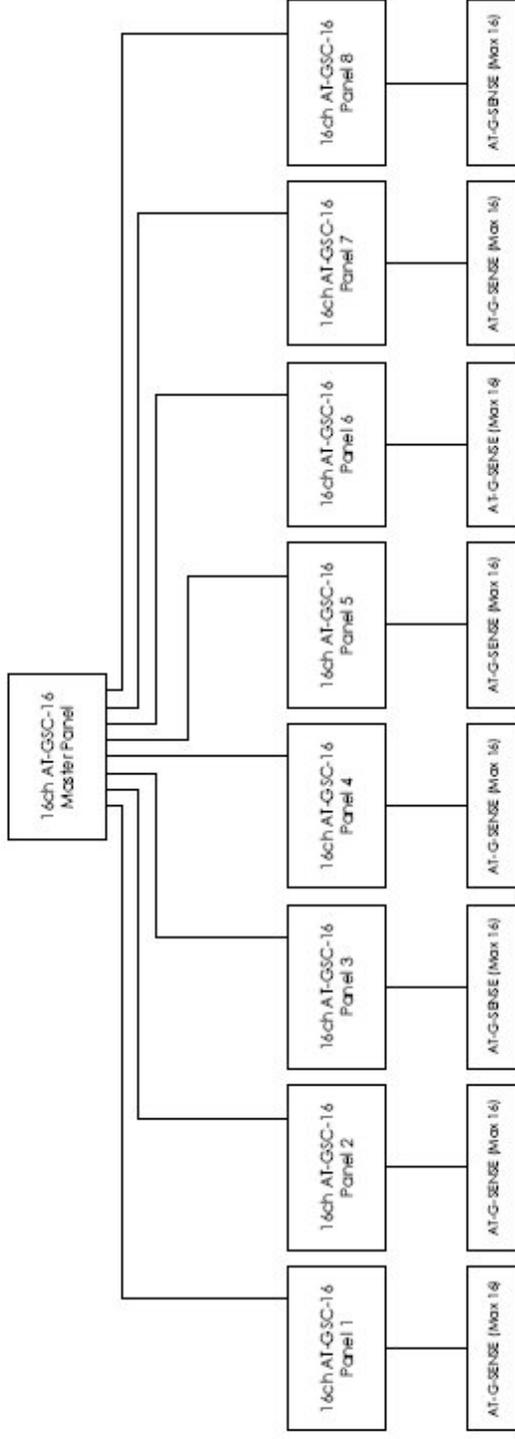
When the alarm condition clears the system and the sensors in alarm may be reset using the reset button.

The reset button will reset any panel or sensor connected. It will not reset any master panel to which it is connected i.e. it resets downstream.

# AT-GSC Installation Diagram



## Installation Diagram AT-GSC-16 and AT-G-SENSE



All unused channels must be terminated with a 2.2Kohm resistor on master and remote panels.  
Maximum 16 panels and sensors.

All interconnecting signal cables are a minimum of 7/0.2mmsq and a maximum distance of 500m.

Each AT-G-SENSE unit must have a 230v supply, fitted with a switch and 3A fuse.

Each AT-GSC-16 must be fitted with a switch and 3A fuse.