



Concept Runaway Alarms IMPORTANT

With Concept alarms communicating in IRFast format, it is very important to enable 'Zone Lockout' on certain zones, in order to minimise problems with 'Runaway Alarms'. This is essential when it comes to System alarms and Tamperers, but is also necessary for standard zones as well.

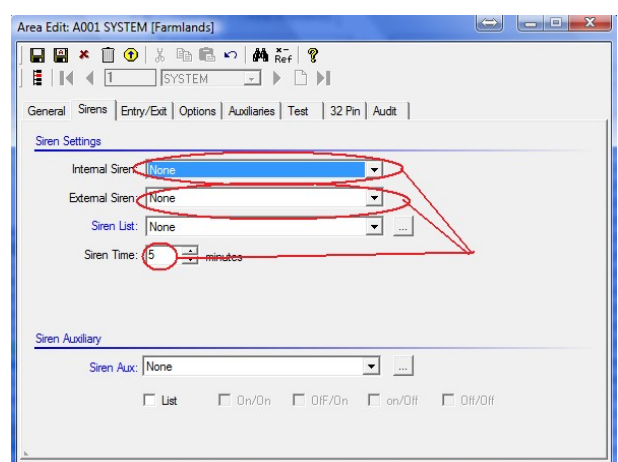
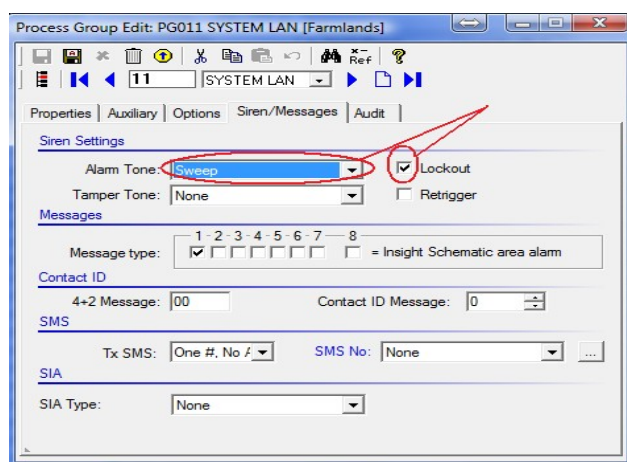
It is possible for a Concept to send through thousands of signals to the receiver in a very short time, which can cause issues with receiver backlog, as it is processing signals faster than it can feed the signals to the automation software at the monitoring station. This has the potential to delay the processing of signals from other clients as well, because the backlog affects all clients using that receiver, not just the Concept.

- 1 In each Process Group, enable 'Zone Lockout', and choose a siren type. This means that the input with that process group assigned to it will lock out (isolate) at the end of the siren time for the area.
- 2 In the Area that the input belongs to, ensure you have a siren time specified. You do not have to have any sirens listed in the Area programming if you want it to be silent.
- 3 At the end of the siren time, the input will isolate until the area is disarmed, or until the input is manually de-isolated at a keypad.

This is extremely important for System Inputs, as they are normally silent, and can go on and on without anyone onsite noticing the problem.

Inner Range have implemented an option on newer panels (version 7 upwards) to allow the LAN fail alarms to stop after 4 activations within two hours. The option is in the Concept manual, and an excerpt is shown below.

Please make these or similar changes to your Concept sites as soon as you can. It is in the interest of all your other monitoring clients that this is done.



MENU 7-5-1

Product ELPSZWQ. Opts -> nYnnnnnn

This screen allows the Installer to enable any special processing options that may be needed for the product to comply with the requirements of specific countries or standards, or to enable support for special Insight Software functions.

L LAN Fail Holdoff. V7.0 or later only.

If set to Yes, this option enables the LAN Fail Holdoff feature.

The LAN Fail Holdoff feature is designed to disable the processing of Module LAN Fail System Inputs after 4 LAN fail input alarm/restores within a 2 hour period. If the LAN experiences transient disturbances due to lightning in conjunction with sub-optimal wiring or protection practices, it is possible for many Modules to continually generate multiple LAN fail input alarm/restores. Furthermore, if a Module is damaged due to the transient, then the Module may continuously generate multiple LAN fail input alarms/restores. In most instances these alarms will be reported, potentially “flooding” the Central Station with continuous alarms and restores.

Operation: When operational, the LAN Holdoff feature restricts the number of LAN fail input alarm/restore cycles to 4 within a 2 hour period. After 4 cycles has been reached, any more processing of the LAN Fail input is temporarily “masked”. Every 2 hours from the last LAN Fail alarm, the counter will be cleared and the LAN fail input will be “unmasked”, enabling another 4 LAN fail input alarm/restore cycles over the next 2 hour period.

NOTES:

1. The 2 hour timer referred to above is actually in the range of 1 to 2 hours.
2. The pulse count feature must not be selected for the Area that the LAN Fail inputs are assigned to.
3. LAN “Timeout”, “Lost”, “Substitution” and “Recovered” Review events will still be logged for the masked Inputs.
4. When the cause of the LAN Fail alarms has been rectified, the Installer can manually Unmask any masked LAN Fail Inputs by:
 - 1) Performing a LAN Init. or LAN Secure operation. [MENU, 7, 8, x]
 - 2) Performing a Power-up reset of the Control Module.