

FIRE STATION SIREN OVERRIDE CONTROLLER

If you have any questions, please feel free to call, write, email or fax us.
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SIREN OVERRIDE CONTROLLER

The SIREN OVERRIDE CONTROLLER is intended for use in Fire Stations to stop the Fire Siren activating at night if the pager network is operational.

It is designed to monitor the siren activation command from the radio tone call decoder **AND** the PDT (Pager) message received relay (normally relay 1).

When enabled by the 24 hour time switch, the station siren will not be activated by the siren start command from the station radio tone call decoder, instead a timer will be started and time down from the delay time set on the internal dip switches. When this time expires the siren will be activated, however if a Pager message received signal is received during this delay time the siren will not activate.

CONNECTIONS

Inputs from siren start are +12vdc. Pager acknowledges input is connect to Gnd. The pager acknowledges input can be set to normally open or normally closed by dipswitch 8. Outputs are clean contacts from relays, siren start normally open and close for 1 second on activation. (Can be programmed at time of order from 0.5S to 4 minutes steady or pulsing) Pager acknowledges is normally open or normally closed, activate for 1 second at any time a pager input is received. This pager acknowledge output is normally connected to the station RT tone call encoder.

The unit is designed around a 19-inch rack mounting enclosure 2U high and operating on 12 volts requiring a maximum of 0.2 amps.

OPERATION

The front panel has a time switch and 6 LED's.

The time switch sets the time of day that the siren override will operate.

ON = OVERRIDE ON, and the "delay start" LED will be on.

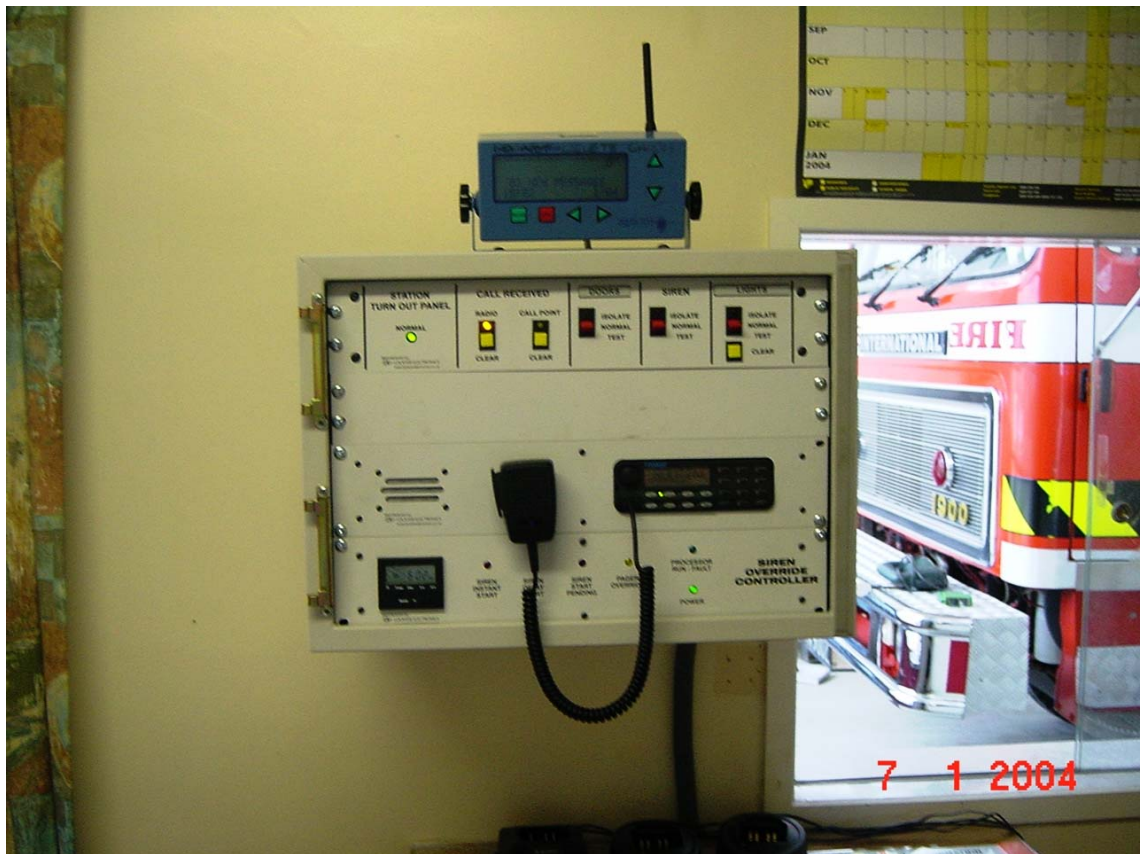
OFF = OVERRIDE OFF, and the "instant start" LED will be on.

There is a manual button on the time switch that can be used to temporarily override the time switch.

The "start pending" LED will light if the override controller is in the delay start mode and has received a siren start command. It will remain lit until a pager acknowledge is received, cancelling any pending siren start, (i.e. pager override) OR if no pager acknowledge is received the siren will starts after the programmed delay.

The run LED is seen occulating at a 1 second rate, if it remains on or off or flickers there is a processor fault.

The power LED will light whenever 12v's is applied to the controller.



This photo shows a Wall mount Rack with (from top to bottom)

Turn Out Panel (Non programmable)

Blank Panel

RT Rack + Decoder Interface

Siren Override Controller