GEMINIGX20e

The Gemini GX20e is intended as a standalone battery powered fire alarm. Each unit is independently powered from two 9v PP3 size Alkaline batteries.

Installation as a Standalone Unit

GX20e is supplied with two operating keys, a TEST key, batteries and fixing screws etc. Remove the front panel and fix the Back Box to any solid surface using the screws provided or with some other suitable form of fixing. Ensure that an EOL link is fitted. Clip the batteries on to the red and black leads. Switch to SILENCE & BATTERY TEST – the sounder will sound and the LEDs will flash alternate Fire & Fault. Return the Keyswitch to RE-START & NORMAL. Test the fire alarm by inserting the black plastic test key in to the underside of the call point, this will simulate an alarm condition. The sounder and the fire LEDs will flash alternatively. Turn the Keyswitch to SILENCE. The fire LEDs will flash and the sounder will give a short warning bleep every 30 seconds. Remove the test key and restore the Keyswitch to its NORMAL position.

Installation Interconnected

A two wire connection is required between each unit. It is NOT possible to spur off, the circuit must run through all the units. It is best to install each unit and test it as a standalone unit before making the interconnections. Once it is confirmed that each unit functions correctly disconnect the batteries and make the two wire connections. DO NOT FORGET that the last unit must have the EOL link. Starting with the end of line unit refit the batteries and test each unit in turn. It is not recommended that more than four units are interconnected.

A cable fault and battery fault monitor are included to detect cable disconnection or short circuit. The batteries should last for at least 12 months depending on the frequency of testing. If batteries need to be replaced, then both should be replaced.

Visual Indications

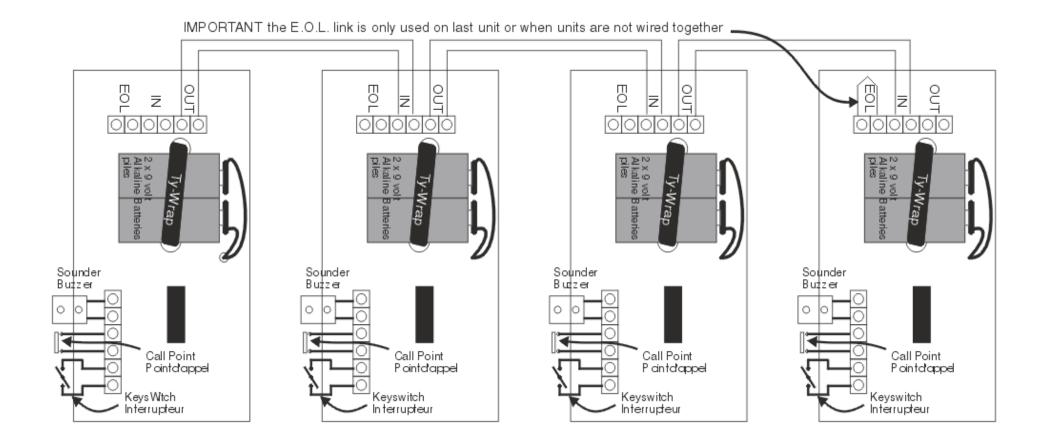|	
FIRE	Two red LEDs flashing alternatively
SILENCED after FIRE	Two red LEDs flashing together every 30 seconds
SILENCED no Fire Condition	Alternate red amber LED if battery is healthy Flashing amber LED at 2 second intervals if battery is low
BATTERY LOW or Cable Fault	Flashing amber LED every 60 seconds

Audible Warning

FIRE	Continuous Sounder
SILENCED after FIRE	Bleep every 30 seconds
SILENCED no Fire Condition	Continuous (for audibility walk test) Single bleep every 2 seconds if battery is low
BATTERY LOW or Cable Fault	Bleep every 60 seconds

IMPORTANT the E.O.L. link is only used on last unit or when units are not wired together

EOL · IN · OUT

2 x 9 volt
Alkaline Batteries
piles

Ty-Wrap

Sounder
Buzzer

Call Point
Pointd'appel

Keyswitch
Interrupteur

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DWG 60083

HOYLES