Pattress Models EI 127 & EI 127R

For use only with EI 140, 141, 144, 145, 146, 161, 161R, 164, 166, 166R Easi-Fit Smoke/Heat Alarms

The Smoke/Heat Alarm is mounted on the EI 127 & EI 127R.

The EI 127 pattress facilitates installation of bulky wiring and conduits.

The EI 127R has an additional socket for connecting to the R spade terminal on the EI161R or EI 166R. This can be used for remote test & hush or manual call points.

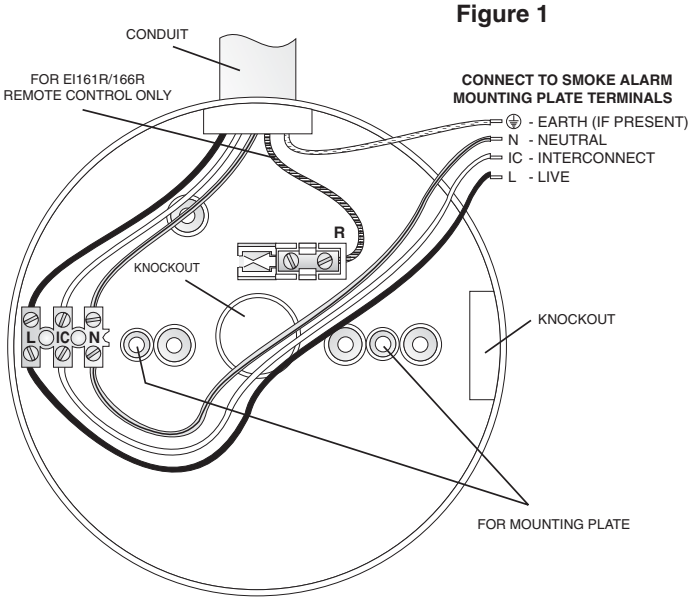
WARNING: This pattress must only be used with one of the above smoke alarms as per these instructions - otherwise the unit will not comply with the mandatory safety regulations.

Installation

WARNING: First disconnect the mains from the circuit to be used.

1.Choose a mounting position following the siting instructions in the Smoke/Heat Alarm leaflet. Where the incoming wiring is on the surface of the ceiling, the appropriately sized ducting/conduit must be chosen to mate with the unit. Use a sharp knife to remove material from the selected knockout, making sure that there is no gap when mated with ducting / conduit. There are three knockouts – two on the sidewall and one on the rear.

Figure 1



2.Screw the pattress to the ceiling after first removing the required knock-out and bringing the house wires through it (see figure 1). If the central knockout is being used, seal around the wires (and the openings at the rear of the pattress) with silicone or similar to prevent air draughts affecting the smoke entering the alarm.

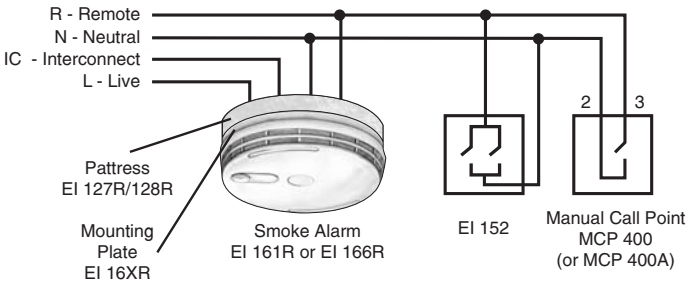
3.Connect the house wires (L - Live, N - Neutral and IC - Interconnect, if it is being used) to the terminal block on the pattress. If an EI 161R or EI 166R (with remote TEST/HUSH) is being installed, attach the “R” wire from the EI 152 (see the EI 152 instructions) to the terminal marked “R” in the pattress (see figure 1). If the EI 161R or EI 166R is being used with a manual call point MCP400 or MCP400A then connect the R terminal to the call point (see figures 1& 2). Otherwise do not connect anything to the ”R” terminal.

4.Connect the three wires (L, N and IC) from the pattress connector block to the connectors on the Smoke/Heat Alarms mounting plate. Connect the earth wire (if present) from the house wiring directly to the terminal on the mounting plate. Replace the cover over the terminal wires.

5.Screw the mounting plate to the pattress pillars using the two screws supplied.

6.Slide the alarm on to the mounting plate.

Figure 2



7.Connect the mains power – the green LED light on the alarm should be on. When the test button is pressed the horn should sound.

If an EI 128R pattress with relay is being used, replace the EI 127R with the EI 128R and follow the instructions supplied with the EI 128R.

Aico Ltd., Mile End Business Park, Maesbury Road, Oswestry, Shropshire SY10 8NN, U.K.

EI Electronics., Shannon Industrial Estate, Shannon, Co. Clare.

P/N A13894 *Rev 1*