

FR1.0IB InterBox Module (IB) Operational Description

The FR1.0IB InterBox (abbreviation for 'Interconnection Box') connects directly to an AC wall receptacle and has its own receptacle which switches the power to a connected electric appliance. It communicates via RF to two other parts of the system, a keypad and a smoke sensor.

If the Interbox receives an alarm signal from the smoke sensor, or a panic signal from the keypad, it disconnects power to the electric appliance. It self-tests the RF connection regularly to improve safety.

An 'all clear' signal from the keypad will cause the Interbox to reconnect power to the electric appliance if there is no longer an alarm signal being received from the smoke sensor.