

ZR485 wireless callpoints provide a manual means of initiating a fire alarm in areas where the installation of hard wiring is not an option.

The unit is controlled directly from the main fire alarm panel, via a loop wired radio interface module. This arrangement allows both wireless and hardwired devices to be seamlessly located on the same loop wiring.

The callpoint forms part of an extensive range of wireless fire alarm devices, which includes smoke and heat sensors in addition to alarm sounder units.

Suitable for use on installations specifying the recommendations of BS 5839 Part 1, the callpoint fully meets the requirements of European Standard EN54 Part 11 and is approved by several international approval bodies.

The unit is operated by breaking a frangible glass element with finger pressure. Glass elements have clear vinyl coatings on the front surface to prevent operator injury and to inhibit the release of loose fragments, as the glass is broken.

Installed as part of the ZP3 analogue addressable system, up to 127 devices can be connected to each of the control panel loops. Each wireless device, controlled through the ZR470 interface is assigned its own IDENT address, with which the main control panel communicates, providing the same system facilities as directly wired devices.

The ZR485 wireless callpoint is designed for surface fixing and is supplied complete with matching backbox. System testing is carried out by using a special key which when inserted into a slot in the base of the callpoint moulding, drops the glass element allowing the device to operate.

Rated at IP42 the ZR485 is constructed of ABS plastic and is intended for indoor applications. A red LED indicator, prominently positioned on the callpoint front plate, flashes when the unit is operated.



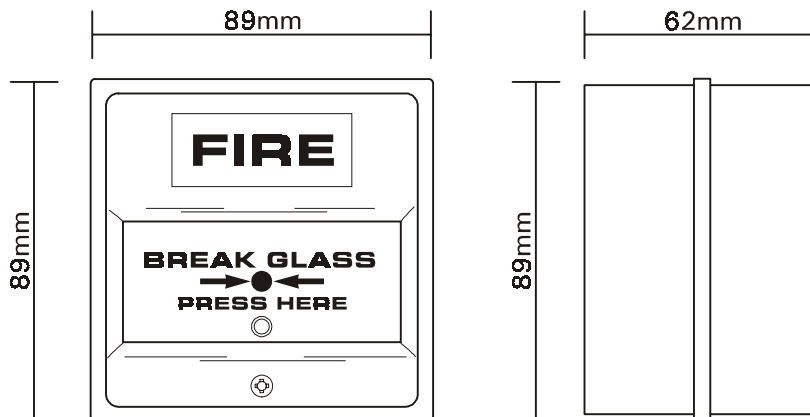
## ZR485

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### Wireless Manual Callpoint

- **No external aerials**
- **Dual battery supply**
- **Full device status monitoring – power**
- **Sources, head removal and device tamper**
- **System test facility via test key**
- **Operated by finger pressure**

# Dimensions



991343-01.cdr

# Specifications



Model No.	Part No.	Specification	Description
ZR485	553AA	IP42	Wireless Manual Callpoint
Approval	R&TTE to ETS300-220	<b>Environmental:</b>	
Operating frequency	VHF 173.245 MHz	Application	Indoor use
Compatibility	All ZP3 analogue systems via ZP740 loop module	EN60529 rating	IP42
Mounting	Surface	Temp range	-10°C to +70°C
<b>Monitoring:</b>	Continuously self-checking	Humidity range	10% to 95% RH (non condensing)
Indication	Alarm LED (red)	EMC	CE marked (EEC89/336)
Operating voltage	3.2 volts	<b>Construction:</b>	
Power supply	4 x 3.7 volt lithium TCL AA cells	Material	Moulded ABS
Operating principle	Micro switch	Dimensions	87mm (H) x 87mm (W) x 62mm (D)
		Colour	Red
		Weight	276g

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