

Radio Callpoint and Transmitter Unit

EDA-C300/C340/T300

- **3000 Addressable Devices**
- **Up to 10 Year Battery Life**
- **Attractive Compact Design**
- **Compatible with the Complete Range of EDA Products**
- **Internal Event Memory**
- **Electronically Programmable**
- **Reliable Single Board Surface Mount Construction**



DESCRIPTION

The radio break glass unit or radio call point is a fundamental item for any radio fire alarm system. The new design has taken advantage of the advances in technology seen in the very popular Millennium range of EDA sensors. The self contained unit incorporates the new world series KAC call point and houses the transmitter, antenna and batteries powering the unit for up to ten years and is only 40 mm deep.

From a company which has over 25 years experience of designing and manufacturing fire alarm systems, the call point contains a powerful processor and utilises modern fabrication techniques to achieve the ultimate in performance and reliability. On board memory includes an event log, non volatile configuration information and a unique serial number.

The radio callpoint can be supplied as a standard unit or as an IP55 version and is designed to comply with all appropriate sections of EN54.

In situations where third party equipment, for example sprinkler systems, beam units or aspiration systems, are required to trigger the radio fire alarm system, radio transmitters can be interfaced. The connecting cable is monitored for short and open circuit faults and should an alarm load be switched in-line, the radio system will be activated. The unit is self contained with its own battery pack and a dual input version is also available.

SPECIFICATION

Maximum Devices	3000
Power source	Dual lithium cells
Battery life	Up to 10 years
Temperature range	0°C to +60°C
Humidity	0 to 95% (no condensation)
Construction	
- Casing	Callpoint - Red KAC New World Series Transmitter – Red Cover with LED Red Slim-line Back Box
- Electronics	Single Circuit Board Construction
Transmitter	Cable monitored for short and open circuit faults

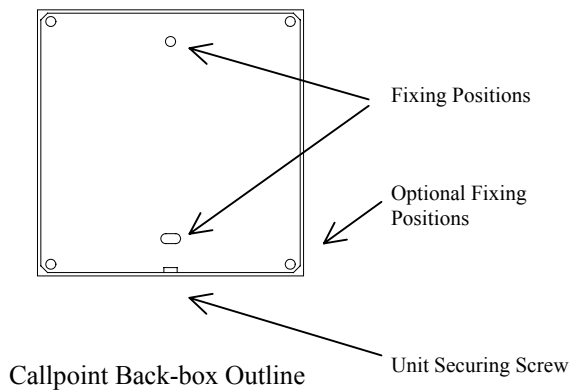
ORDER CODES

EDA-C300	Radio Callpoint
EDA-C340	Radio IP55 Weatherproof Callpoint
EDA-T300	Transmitter Unit
EDA-T310	Dual Input Transmitter Unit

TECHNICAL INFORMATION

Conforms to appropriate sections of BS5839 and EN-54
Low current technology with a battery life of up to 10 years

Powered by two independent AA Lithium cells
Transmitter Frequency 173.2250 MHz
Short transmission time
Complex Error Checking
Internal monitoring and fault diagnostic reporting
Internal event and status monitoring memory
Electronic serial number
Adjustable verification interval
Buzzer to indicate transmitting alarm condition
LED to indicate occurrence of fault or alarm



GENERAL INFORMATION – EDA-C300/T300

Weight (Including Base) 200g (approx.)

Dimensions (Including Base)

Height	86mm
Width	86mm
Depth	40mm

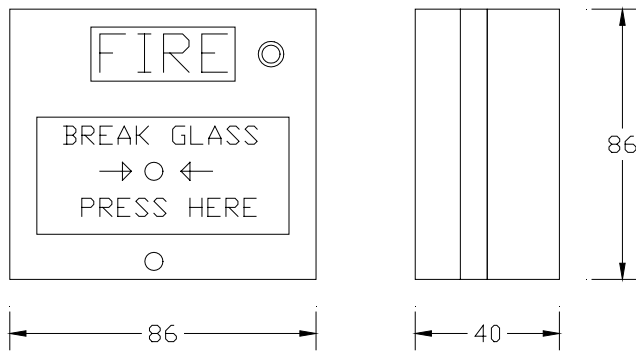
Indications

High intensity clear LED
Flashes RED in alarm,
fault and test modes
Sounds in alarm
2 x 4mm (No. 6 screws)
Red Call point
(Colours Optional)
Red Back Box

Audible Warning

Fixing Holes

Finish



All Dimensions in mm

The Transmitter has a depth of 28mm

GENERAL INFORMATION – EDA-C340

The weatherproof callpoint utilises the same electronic circuitry and batteries as the standard unit but is housed in an IP55 enclosure. This cannot be used in conditions that fall below 0°C.

Weight (Including Base)	250g (approx)
Dimensions (Including Base)	
Height	120mm
Width	122mm
Depth	80mm
Fixing Holes	4x4mm (No 6 Screws)
Finish	Red



EDA-C340 - IP55 Weatherproof Callpoint

In the pursuance of a policy of continued product improvement Electro-Detectors Ltd reserves the right to change the design and specification without prior notice. The quoted battery life is a theoretical calculation based on device performance under normal operating conditions in conjunction with the specification provided by the battery manufacturer. The figures provided are intended as a guide and therefore cannot be assumed to be a guarantee of the actual life achieved. All details were correct at time of printing.

Electro-Detectors

Electro House, Edinburgh Way, Harlow Essex, CM20 2TP.

Tel: (01279) 635668 Fax: (01279) 450185

e-mail: eda@electrodetectors.co.uk Web Site: www.electrodetectors.co.uk

06315