



ADDRESSABLE SOUNDERS

FOR USE WITH DISCOVERY COMPATIBLE XFP FIRE ALARM PANELS

A range of low-cost and attractively-designed C-TEC manufactured sounders, beacons and sounder/beacon combinations designed for use with C-TEC's XFP range of Apollo 'Discovery' compatible fire panels.

Wall and base versions are available, each offering low current consumption, high sound output, ultra-bright light, 7 volume levels, 15 selectable tone pairs and an on-board loop isolator (as indicated).

All versions are designed to comply with the relevant parts of fire alarm device standards BS EN 54-3 (sounders) and BS EN 54-23 (visual alarm devices).

Excellent discounts for quantity orders - for panel compatibility enquiries, please contact our Technical Department.



BF330CTB Sounder Beacon Base
(pictured with BF330CTLIDW cap)

BF330CTB Addressable Sounder Beacon Base

- ▶ Includes a built-in flashing multi-LED beacon and short-circuit loop isolator
- ▶ DIL switch addressable
- ▶ Designed for use as part of a sounder/beacon/detector base combination - requires a separately available smoke/heat detector and detector base (spur wires provided)
- ▶ Can also be used as a stand-alone unit - requires a separately available lockable white cap, part no. BF330CTLIDW or red cap, part no. BF330CTLIDR)
- ▶ 92dB(A) sound output @ 1m
- ▶ 700µA quiescent current; 8mA typical alarm current @24V (beacon lit, sounder max. volume)
- ▶ 15 selectable industry-standard tone pairs and 7 volume levels (selectable at panel)
- ▶ Panel programmable group addressing allows multiple sounders to operate simultaneously
- ▶ Beacon and Sounder can be set to operate independently of each other
- ▶ Large cable entry hole (located away from fixing points) for ease of installation
- ▶ Fixing points arranged to fit all popular electrical accessory boxes and conduit
- ▶ Visual indication of short circuit faults via a yellow LED (illuminates if a short circuit fault appears between the sounder/beacon and a neighbouring device)
- ▶ Dimensions: 112mm diameter x 35mm deep (46mm with optional cap fitted)
- ▶ IP21D rated (with cap or detector fitted)
- ▶ Designed to comply with EN54-3 (2001) and EN54-23 (2010)



BF330CT Base Sounder
(pictured with BF330CTLIDW cap)

BF330CT Addressable Base Sounder

- ▶ Includes a built-in short-circuit loop isolator
- ▶ DIL switch addressable
- ▶ Designed for use as part of a sounder/detector base combination - requires a separately available smoke/heat detector and detector base (spur wires provided)
- ▶ Can also be used as a stand-alone unit - requires a separately available lockable white cap, part no. BF330CTLIDW or red cap, part no. BF330CTLIDR)
- ▶ 92dB(A) sound output @ 1m
- ▶ 700µA quiescent current; 5.5mA typical alarm current @24V
- ▶ 15 selectable industry-standard tone pairs and 7 volume levels (selectable at panel)
- ▶ Panel programmable group addressing allows multiple sounders to operate simultaneously
- ▶ Large cable entry hole (located away from fixing points) for ease of installation
- ▶ Fixing points arranged to fit all popular electrical accessory boxes and conduit
- ▶ Dimensions: 112mm diameter x 35mm deep (46mm with optional cap fitted)
- ▶ IP21D rated (with cap or detector fitted)
- ▶ Designed to comply with EN54-3 (2001)



BF330CTSR Wall Sounder (shallow)
BF330CTDR Wall Sounder (deep)

BF330CTSR Addressable Wall Sounder, shallow version
BF330CTDR Addressable Wall Sounder, deep version

- ▶ Includes a built-in short-circuit loop isolator
- ▶ DIP switch addressable
- ▶ Excellent lateral sound distribution
- ▶ 92dB(A) sound output @ 1m
- ▶ 700µA quiescent current; 5.5mA typical alarm current @24V (sounder at max. volume)
- ▶ 15 selectable industry-standard tone pairs and 7 volume levels (selectable at panel)
- ▶ Panel programmable group addressing allows multiple sounders to operate simultaneously
- ▶ Locking system offers full compliance with BS5839 Part 1 2002 Clause 12.2.2
- ▶ IP43 rated shallow base has a wide access hole for cable entry; IP65 rated deep base allows wiring access through back or side
- ▶ Designed to comply with EN54-3 (2001)
- ▶ Dimensions: 94mm diameter x 83mm (BF330CTSR); 94mm diameter x 101mm (BF330CTDR)
- ▶ White versions also available



BF333CTSR Sounder Beacon (shallow)
BF333CTDR Sounder Beacon (deep)

BF333CTSR Addressable Sounder/Beacon, shallow version
BF333CTDR Addressable Sounder/Beacon, deep version

- ▶ Includes a built-in short-circuit loop isolator
- ▶ DIP switch addressable
- ▶ Excellent lateral sound distribution
- ▶ 92dB(A) sound output @ 1m
- ▶ 700µA quiescent current; 8mA typical alarm current @24V (beacon lit, sounder max. volume)
- ▶ 15 selectable industry-standard tone pairs and 7 volume levels (selectable at panel)
- ▶ Panel programmable group addressing allows multiple sounders to operate simultaneously
- ▶ Locking system offers full compliance with BS5839 Part 1 2002 Clause 12.2.2
- ▶ Beacon and Sounder can be set to operate independently of each other
- ▶ IP43 rated shallow base has a wide access hole for cable entry; IP65 rated deep base allows wiring access through back or side
- ▶ Designed to comply with EN54-3 (2001) and EN54-23 (2010)
- ▶ Dimensions: 94mm diameter x 89mm (BF333CTSR); 94mm diameter x 106mm (BF333CTDR)
- ▶ White versions also available



BF340CTSR Wall Beacon (shallow)
BF340CTDR Wall Beacon (deep)

BF340CTSR Addressable Wall Beacon Only, shallow version
BF340CTDR Addressable Wall Beacon Only, deep version

- ▶ Utilises the latest developments in surface mount LED technology to provide a cost-effective beacon that is big on visibility but low on current consumption.
- ▶ Includes a built-in short-circuit loop isolator
- ▶ Attractive low profile design
- ▶ DIP switch addressable
- ▶ 700µA quiescent current; 3.5mA typical alarm current @24V
- ▶ Panel programmable group addressing allows multiple beacons to operate simultaneously
- ▶ Locking system offers full compliance with BS5839 Part 1 2002 Clause 12.2.2
- ▶ IP43 rated shallow and IP65 rated deep base versions available.
- ▶ Dimensions: 94mm diameter x 61mm (BF340CTSR); 94mm diameter x 78mm (BF340CTDR)
- ▶ Designed to comply with EN54-23 (2010)

TECHNICAL SPECIFICATION SUMMARY

Part Number	BF330CTB	BF330CT	BF330CTSR/DR	BF333CTSR/DR	BF340CTSR/DR
Type	Sounder/Beacon Base	Sounder Base	Wall Sounder	Wall Sounder/Beacon	Wall Beacon
Sound output @ 1m (high/low)	92dB(A)	92dB(A)	92dB(A)	92dB(A)	N/A
Typical quiescent current @ 24V	700µA	700µA	700µA	700µA	700µA
Typical alarm current @ 24V	8mA	5.5mA	5.5mA	8mA	3.5mA
IP Rating (shallow/deep)	IP21D	IP21D	IP43/IP65	IP43/IP65	IP43/IP65
Flash rate	1Hz	N/A	N/A	1Hz	1Hz

TONE PAIR DETAILS (tones are selectable at the panel). Note, tones 8 to 12 are reserved for future tones:

PAIR	TONE 1 - PRIMARY	TONE 2 - SECONDARY
1	Evacuate (550Hz for 0.5s, 825Hz for 0.5s)	Alert (1s off, 825Hz for 1 sec)
2	Alternating (925Hz for 0.25s, 626Hz for 0.25s)	Continuous (925Hz)
3	Medium Sweep (800Hz to 970Hz at 1Hz)	Continuous (970Hz)
4	Fast Sweep (2500Hz - 2850Hz at 9Hz)	Continuous (2850Hz)
5	Dutch Slow Sweep (500Hz - 1200Hz for 3.5s, 0.5s off)	Continuous (825Hz)
6	DIN Tone Sweep (1200Hz - 500Hz for 1s)	Continuous (825Hz)
7	Swedish Fire Tone (660Hz, 150ms on, 150ms off)	All clear continuous (660Hz)
13	Cranford Sweep	Cranford Alert
14	Cranford Continuous	Cranford Alert
15	Cranford Two Tone	Cranford Alert