



TRADE PRICE LIST

NOVEMBER 2019

Conventional Fire Systems
Automatic Extinguisher Systems
Two-Wire Fire Systems
Domestic Fire Systems
Addressable Fire Systems
Sprinkler Alarm Systems
Voice Alarm Systems
Disabled Refuge & Fire Telephone Systems
Power Supplies
Accessible Toilet Alarms
Conventional Call Systems
Addressable Call Systems
Hearing Loop Systems

WORLD CLASS LIFE SAFETY SYSTEMS



ABOUT C-TEC

WORLD CLASS LIFE SAFETY SYSTEMS

C-TEC is a leading UK independent manufacturer of quality life safety electronic equipment with a portfolio of products that includes conventional and addressable fire alarm systems, power supplies, disabled refuge systems, call systems, hearing loop systems & more.

Established in 1981 and trading in over 70 countries, our commitment to quality is underlined by our multiple third-party product and factory process approvals from internationally recognised test and certification bodies such as the LPCB, BSI, VdS, UL & Intertek.

We're also corporate members of the Fire Industry Association (FIA), the Fire Protection Association (FPA), the Institute of Sound & Communication Engineers (ISCE) and the International Hearing Loop Manufacturers' Association (IHLMA).

This trade price list applies to all UK orders placed for delivery on or after 1 November 2019. Trade discounts may apply - contact our sales desk for details.

You're Safe with C-TEC.



Conditions of Sale

- Prices shown in the 'Trade £' column are our current UK trade prices in pounds (£) Sterling.
- Standard carriage on orders less than £300.00 nett goods will be charged at £8.50 (UK mainland only).
- Carriage charges for other areas are available on request.
- An on-site delivery service is available at no extra cost. However, the nature of on-site deliveries means that goods often have to be signed for by someone other than your selected representative. Once a signature has been obtained, neither C-TEC nor our carrier can be held responsible for the goods. Although we will endeavour to provide proof of delivery where possible, no compensation can be claimed for any loss.
- An inspection & restocking charge of 30% will be made on returns (min. £5.00 per consignment).
- Minimum invoice value = £20.00 + VAT. VAT is charged extra at the current rate.
- Errors and omissions excepted. All prices are subject to change without prior notice.
- All goods supplied and services provided are subject to our standard Conditions of Sale.
- Our UK Sales Desk is open Mon- Fri 08.30-17.00 GMT except for bank holidays & our Christmas shutdown period
- Orders can be placed by phone on **01942 322744**, fax on **01942 829867** or email at **sales@c-tec.co.uk**
- For more detailed product information visit **www.c-tec.com**

About C-TEC

Page 02-05

**ABOUT C-TEC &
WHAT C-TEC CAN OFFER YOU**

02

Page 06-15

**CONVENTIONAL
FIRE SYSTEMS**

06

Page 14-15

**AUTOMATIC
EXTINGUISHER SYSTEMS**

14

Page 16-19

**TWO-WIRE
FIRE SYSTEMS**

16

NEW

Page 20-21

**DOMESTIC
FIRE SYSTEMS**

20

Page 22-35

**ADDRESSABLE
FIRE SYSTEMS**

22

NEW

Page 36-37

**SPRINKLER
ALARM SYSTEMS**

36

Page 38-41

**VOICE ALARMS
& EMERGENCY SOUND SYSTEMS**

38

Page 42-45

**DISABLED REFUGE
& FIRE TELEPHONE SYSTEMS**

42

Page 46-49

**POWER SUPPLIES
& BATTERIES**

46

NEW

Page 50-51

**INSTALLATION
AIDS**

50

Page 52-57

**CONVENTIONAL
CALL SYSTEMS**

52

Page 58-65

**ADDRESSABLE
CALL SYSTEMS**

58

Page 66-72

**HEARING LOOP
SYSTEMS**

66

Page 73

**TRAINING & SEMINARS
OVERVIEW**

73



ACCESS ALL AREAS!

WHAT C-TEC CAN OFFER YOU

C-TEC'S vast range of high-quality and competitively-priced life safety systems offer you a unique opportunity to unlock your business's potential, access multiple markets, create exciting solutions, win new contracts and ultimately make more profit.

We also offer exceptional customer service. Take advantage of our free technical support service, industry-renowned free product training/CPD seminars, dedicated support from our external sales and in-house marketing teams and 24/7 access to the support section on our interactive website at **www.c-tec.com**.

If you're looking for world-class life safety systems, backed by top quality service to help your business grow, You're Safe with C-TEC.

You're Safe with C-TEC.



VISIT C-TEC's
24/7
Support hub
www.c-tec.com

OPEN A C-TEC ACCOUNT TO ACCESS...

- A vast range of quality UK manufactured life safety electronic equipment - a true 'one-stop' shop for all things life safety
- Excellent discount structures
- Ex-stock delivery on 95% of our products
- Free training - including CPD certified legislation awareness seminars and practical 'hands-on' product design, installation & commissioning courses (see page 73)
- Professional technical helpline, manned 8.30am to 5.00pm GMT Monday to Friday, and 24/7 access to technical documentation via www.c-tec.com
- A dedicated in-house marketing team committed to supporting C-TEC's products through advertising, mailing campaigns, sales literature and exhibitions
- Free PR opportunities via joint case studies
- Free point-of-sale material including product display boards, desk mats, kit boxes & design guides
- A highly productive UK-based R&D department committed to constantly bringing innovative new products to market
- Experience, knowledge and insight - people from C-TEC sit on a number of key British, European and International standards committees
- UK based award-winning lean manufacturing - less waste = more competitive prices
- Factory process approvals from the LPCB, Intertek, VdS, UL & BSI
- Free consultant specifications and 'duty of care' letter templates supplied in Word format for you to adapt with your details to help you promote our products to your customers - contact your account manager for details.

To be kept informed of all things C-TEC sign up for our ebulletin at www.c-tec.com/info/ebulletin-signup.html

CONVENTIONAL FIRE SYSTEMS

NEW FOR 2019/2020 - full C-TEC manufactured conventional fire systems comprising control panels, detectors, sounders and VADs.

You can rest assured every single part of our UK manufactured equipment - from our award-winning EN54-certified CFP 2-8 zone fire panels to our ActiV fire detectors, sounders and VADs - will integrate seamlessly.

We also offer a host of innovative 'fire ancillaries' such as remote indicators, relays, isolators and document boxes, complemented by a selection of third-party fire products from some of the UK's leading fire alarm equipment manufacturers.

CFP  **ActiV**

supply
present

test

alarm

alarm
status

general
fault

power
supply
fault

system
fault



CFP 2-8 ZONE FIRE PANELS

- The UK's best selling conventional fire panels
- Standard and Economy versions
- Certified to EN54-2/4 by the LPCB
- Flush or surface mountable plastic enclosure
- Four conventional sounder circuits
- Fire and fault relays, class change and alert inputs
- Two open collector outputs (remote and reset)
- Coincidence, zone delay & non-latching zone functions (available on Standard panels only)
- Expansion connections for relay boards & repeaters (available on Standard panels only)

08



ACTIV FIRE DETECTORS

- Optical, fixed heat, rate-of-rise and multi-sensor variants
- Certified to EN54-5 and/or 7 by the LPCB
- Diode, non-diode and relay base options
- Two ultra-bright LED indicator strips for 360° visibility
- Wide 6-33V DC operating voltage
- Integrated detector/base locking mechanism
- All bases include a removal tool, ID tag and connections for an optional BF318 remote LED
- Manufactured by C-TEC in the UK

09



ACTIV SOUNDERS & VADS

- C-TEC's own range of UK manufactured conventional sounders and visual alarm devices
- Ceiling, Wall and Open Class (Corridor) variants
- 31 selectable primary & secondary tone pairs
- Two volume levels and two flash rates
- Certified to EN54/3-23 by the LPCB
- Low current consumption
- Impressive 96dB(A) or 100dB(A) sound output
- Voice sounder variants with the same electronics as our certified Sounder VADs also available

09



FIRE ANCILLARIES

- A wide range of low-cost C-TEC manufactured fire alarm ancillaries
- Range includes remote LED indicators, Mains keyswitches, sounder circuit extenders, auxiliary device isolators, 24V 5A relays and document boxes
- Universal design - suitable for use with most manufacturers' fire alarm equipment
- Practical, reliable and quality additions to any fire alarm or life safety system

10

Conventional Fire Systems



CFP



CFP STANDARD 2-8 ZONE CONVENTIONAL FIRE PANELS TO EN54-2/4

Order Code	Description	Trade £
CFP702-4	CFP Standard 2 zone panel. Max. 2 x 3.2Ah batteries	146.50
CFP704-4	CFP Standard 4 zone panel. Max. 2 x 3.2Ah batteries	166.98
CFP708-4	CFP Standard 8 zone panel. Max. 2 x 3.2Ah batteries	234.87
CFP760	CFP 8 zone repeater. Max 8 per system. Max. 2 x 3.2Ah batteries	207.56
BF319	Fire alarm control panel Mains keyswitch	24.97
S-KEY	Spare key for use with CFP Main and Repeater panels	2.18
CFP761	CFP/XFP network driver card (1 per repeater system, fit at main)	69.37
CFP762	CFP Relay output card (reset, fault, aux & remote relay outputs)	52.44
CFP763	CFP Relay output card (as per CFP762 + 8 output per zone relays)	75.38
CFP764	CFP Relay output card (8 output per zone relays for CFP708-4)	48.31
CFP765	CFP Relay output card (4 output per zone relays for CFP704-4)	42.59
CFP766	CFP Relay output card (2 output per zone relays for CFP702-4)	36.84
BF362	Barrier interface unit (for use with intrinsically safe detectors)	16.00
BF354	EN54-13 Interface Board. Needs 2 BF355 monitoring modules	41.34
BF355	EN54-13 Sounder Circuit Fault Monitoring Module	36.74



CFP702-4 / CFP704-4 / CFP708-4

For details on our new Hush-Activ Domestic Fire Alarm Kits for residential dwellings, see page 20

CFP ECONOMY 2-8 ZONE CONVENTIONAL FIRE PANELS TO EN54-2/4

CFP Economy panels DO NOT include onboard relays, expansion connections, coincidence, zone delay or non-latching zone facilities.

Order Code	Description	Trade £
CFP702E-4	CFP Economy 2 zone panel. Max. 2 x 3.2Ah batteries	125.63
CFP704E-4	CFP Economy 4 zone panel. Max. 2 x 3.2Ah batteries	142.01
CFP708E-4	CFP Economy 8 zone panel. Max. 2 x 3.2Ah batteries	196.63
BF319	Fire Alarm Control Panel Mains Keyswitch	24.97



CFP702E-4 / CFP704E-4 / CFP708E-4

MANUAL CALL POINTS TO EN54-5

Order Code	Description	Trade £
BF370S	Sycall red surface mounting no break fire call point, 470/680Ω	9.28
BF370SFP	White flush mount plate for use with BF370S	3.88
BF370S/W	Sycall red IP66 surface mounting no break fire call point, 470/680Ω	61.17
BF370SC	Protective cover for Sycall fire call points	2.48
BF370SK	Test key for Sycall fire call points	1.65



BF370S

For Manual Call Point Stoppers, see page 13

Conventional Fire Systems



CFP



ACTIV CONVENTIONAL FIRE DETECTORS TO EN54-5/7

Order Code	Description	Trade £
C4403A1R	ActiV A1R Rate-of-Rise Heat Detector. Needs base	19.28
C4403A2	ActiV A2 Std 60°C Fixed Temperature Heat Detector. Needs base	19.28
C4403B	ActiV B High 75°C Fixed Temperature Heat Detector. Needs base	19.28
C4416	ActiV Optical Smoke Detector. Needs base	21.93
C4414	ActiV Multi-Sensor Fire Detector. Needs base	28.87
C4408D	ActiV Diode Base	4.27
C4408DR	ActiV Diode Relay Base	26.88
C4408	ActiV Non-Diode Base	4.23
C4408R	ActiV Non-Diode Relay Base	26.16



ACTIV CONVENTIONAL SOUNDERS & VADS TO EN54-3/23

Order Code	Description	Trade £
BF431C/CC/W	ActiV 96dB(A) Base Sounder	18.50
BF456C/CC/W	ActiV C-3-8.5 Base VAD c/w 96dB(A) Sounder	52.25
BF432C/CC/W	ActiV O-R-3-2.5-17 Base VAD c/w 96dB(A) Sounder	52.25
BF330CTLIDW	Optional white cap for base sounder/VADs (for stand-alone use)	2.68
BF330CTLIDR	Optional red cap for base sounder/VADs (for stand-alone use)	2.68
BF430C/CC/SR	ActiV Hi-Output 100dB(A) Wall Sounder, shallow base	20.21
BF433C/CC/SR	ActiV Hi-Output W-2.75-9 Wall VAD c/w 100dB(A) Sndr, shallow base	54.05
BF430C/CC/DR	ActiV Hi-Output 100dB(A) Wall Sounder, deep base	21.95
BF430C/CC/DR/65	ActiV IP55 Hi-Output 100dB(A) Wall Sounder, deep base	29.72
BF433C/CC/DR	ActiV Hi-Output W-2.75-9 Wall VAD c/w 100dB(A) Sndr, deep base	56.05
BF433C/CC/DR/65	ActiV IP55 Hi-Output W-2.75-9 Wall VAD c/w 100dB(A) Sounder	80.34



ACTIV CONVENTIONAL VOICE SOUNDERS & VADS

Order Code	Description	Trade £
BF454C/CC/W	ActiV Base Voice Sounder	33.77
BF457C/CC/W	ActiV C-3-8.5 Base VAD c/w Voice Sounder	69.66
BF455C/CC/W	ActiV O-R-3-2.5-17 Base VAD c/w Voice Sounder	69.66
BF446C/CC/SR	ActiV Hi-Output Wall Voice Sounder, shallow base	35.08
BF447C/CC/SR	ActiV Hi-Output W-2.75-9 Wall VAD c/w Voice Sounder, shallow base	94.81
BF446C/CC/DR	ActiV Hi-Output 100dB(A) Wall Voice Sounder, deep base	38.59
BF446C/CC/DR/65	ActiV IP55 Hi-Output Wall Voice Sounder, deep base	55.12
BF447C/CC/DR	ActiV Hi-Output W-2.75-9 Wall VAD c/w Voice Sounder, deep base	96.81
BF447C/CC/DR/65	ActiV IP55 Hi-Output W-2.75-9 Wall VAD c/w Voice Sounder	138.30



Voice sounders with lockdown messages also available - contact our Sales Desk for details

Conventional Fire Systems



REMOTE INDICATORS, RELAYS, DEVICE ISOLATORS & SOUNDER EXTENDERS

Order Code	Description	Trade £
BF318	Remote LED indicator, single gang	6.03
BF319	Fire alarm control panel Mains keyswitch, single gang	24.97
BF376	24V 5A relay on a plate, single gang	18.23
BF367	Auxiliary device isolator, single gang	25.18
BF366	24V 5A isolatable relay on a plate c/w buzzer, single gang	37.14
FF502P	Four zone monitored sounder circuit extender, double gang	60.61



SOUNDER ISOLATOR CONTROLLERS & MODULES TO EN54-17/18

Order Code	Description	Trade £
BF365SC	Sounder isolator controller, double gang. Needs BF365IMs	120.60
BF365IM	Sounder isolator module (max. 35 per BF365SC)	30.77



DOCUMENT BOXES & ANCILLARY EQUIPMENT BOXES

Order Code	Description	Trade £
BF357	Document/Key Box (W450 x H345 x D94mm)	60.34
BF360BOX	Ancillary fire alarm equipment box (W380 x H235 x D90mm)	44.54
BF361BOX	Ancillary fire alarm equipment box (W465 x H290 x D103mm)	104.70
BF362BOX	Ancillary fire alarm equipment box (W404 x H404 x D110mm)	80.33



ELECTROMAGNETIC DOOR RETAINERS

Order Code	Description	Trade £
BF345/1H	'H' Range 24V electromagnetic door retainer	32.25
BF345/2H	'H' Range 240V a.c. electromagnetic door retainer	33.82
BF345HB	Floor mounting bracket for 'H' range door retainers	13.60



VIBRATING PADS

Order Code	Description	Trade £
BF363	24V vibrating pad c/w locking jack plug (requires 1 x BF364)	45.00
BF364	Single gang locking jack socket for use with BF363	37.14



MANUAL CALL POINTS

Order Code	Description	Trade £
BF370R	'KAC' red surface mounting crack glass fire call point, 470Ω	9.54
BF370RF	'KAC' red flush mounting crack glass fire call point, 470Ω	7.83
BF370/W	'KAC' red IP67 Waterproof crack glass fire call point	84.54
BF371	Spare glass for 'KAC' crack glass fire call points	0.80
BF370MR	'KAC' red No Break surface mounting fire call point, 470Ω	11.25
BF372	'KAC' yellow 'extinguishant release' surface call point	18.94
BF372A	'KAC' yellow 'abort' surface call point	21.97
BF370G	'KAC' green 'door release' surface call point	20.37
BF370MC	Protective cover for 'KAC' call point (fits all indoor KAC call points)	4.34
BF370KRK	Test key for 'KAC' call point	0.63



BF370R

ORBIS INTRINSICALLY SAFE (IS) CONVENTIONAL FIRE DETECTORS

Order Code	Description	Trade £
ORB-HT-51145-APO	Grade 1 IS heat detector, needs ORB-MB-50018-APO base	107.52
ORB-HT-51147-APO	Grade 2 IS heat detector, needs ORB-MB-50018-APO base	96.20
ORB-OP-52027-APO	Orbis IS optical smoke detector, needs ORB-MB-50018-APO base	128.39
ORB-MB-50018-APO	Orbis IS timesaver base	15.75



ORB-HT-51147-APO



ORB-MB-50018-APO

MOFLASH INTRINSICALLY SAFE (IS) SOUNDERS & BEACONS

Order Code	Description	Trade £
IS-S-02	Moflash EX Red Intrinsically Safe Sounder	110.00
IS-B-02-01	Moflash EX Intrinsically Safe Beacon with amber lens	131.25
IS-B-02-02	Moflash EX Intrinsically Safe Beacon with red lens	131.25
IS-B-02-03	Moflash EX Intrinsically Safe Beacon with blue lens	137.50
IS-B-02-04	Moflash EX Intrinsically Safe Beacon with green lens	137.50
IS-B-02-05	Moflash EX Intrinsically Safe Beacon with white lens	137.50
IS-SB-02-01	Moflash EX Intrinsically Safe Sounder Beacon with amber lens	161.25
IS-SB-02-02	Moflash EX Intrinsically Safe Sounder Beacon with red lens	161.25
IS-SB-02-03	Moflash EX Intrinsically Safe Sounder Beacon with blue lens	168.75
IS-SB-02-04	Moflash EX Intrinsically Safe Sounder Beacon with green lens	168.75
IS-SB-02-05	Moflash EX Intrinsically Safe Sounder Beacon with white lens	168.75
MM7778A001	MTL7778AC Shunt Diode Barrier	262.50



IS-B-02-01

Conventional Fire Systems

FIRERAY BEAM DETECTORS

Order Code	Description	Trade £
BF369BD3	Fireray 3000 end-to-end IR optical beam smoke detector, 5-120m	825.71
BF369BD3AD	Fireray 3000 extra detector pack, transmitter/receiver for BF369BD3	685.71
BF369BD51	Fireray 5000 auto-aligning optical beam system, 8-50m	611.42
BF369BD1H	Fireray 5000 extra detector head for use with BF369BD51	477.14
BF369BD52	Fireray 5000 motorised beam system, 8-100m	745.71
BF369BD2H	Fireray 5000 extra detector head for use with BF369BD52	617.14
BF369BD5LR	Fireray 5000 long range kit	140.00
BF369BD50	Fireray 50R reflective IR optical beam smoke detector, 5-50m	525.71
BF369BD100	Fireray 100R reflective IR optical beam smoke detector, 50-100m	694.28



Fireray Beam Detectors

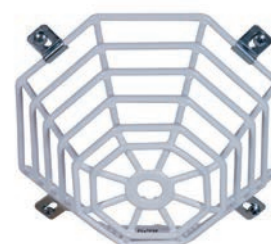
FIRE BELLS

Order Code	Description	Trade £
BF336	24V polarised fire bell, internal	25.07
BF336C	24V polarised 6" fire bell	20.84
BF336/W	24V polarised fire bell, weatherproof	41.79



HEAVY DUTY FIRE DETECTOR CAGES

Order Code	Description	Trade £
STI-9604	Steel Web Stopper, flush 175mm x 175mm x 75mm	24.22
STI-9602	Steel Web Stopper, surface, 210mm x 210mm x 108mm	27.30
STI-9610	Steel Web Stopper, surface, 210mm x 210mm x 152mm	17.07



STI-9604

SOUNDER, VAD & BELL CAGES

Order Code	Description	Trade £
STI-9615	Steel Cage 95mm x 95mm x 90mm	21.62
STI-9617	Steel Cage 150mm x 150mm x 125mm	21.62
STI-9664	Steel Cage 98mm x 98mm x 173mm	16.55
STI-9631	Steel Cage 270mm x 270mm x 152mm	34.50



STI-9617

MANUAL CALL POINT STOPPERS

Order Code	Description	Trade £
STI-6930	Call point Stopper, red housing shell, flush, fire label	17.50
STI-6931	Call point Stopper, red housing shell, surface, fire label	25.00
STI-6930/G	Call point Stopper, green housing shell, flush, fire label	17.50
STI-6931/G	Call point Stopper, green housing shell, surface, fire label	25.00
STI-15010ML	Euro Stopper Multikit, red/green housing shell, flush, break seal	27.00
STI-15020ML	Euro Stopper Multikit, red/green housing shell, flush, sounder, break seal	58.50
STI-15C10ML	Euro Stopper Multikit, red/green housing shell, surface 32mm, break seal	36.00
STI-15C20ML	Euro Stopper Multikit, red/green housing, surface 32mm, sndr, break seal	66.37
STI-CKE-272-B	Euro Stopper blue coloured insert shell	6.38
STI-CKE-272-Y	Euro Stopper yellow coloured insert shell	6.38
STI/BS	STI pack of 10 break seals	5.45
STI-6507	Euro Stopper 50mm spacer	12.75
STI-13010FR	Universal Stopper, red housing shell, flush, fire label	39.80
STI-13020FR	Universal Stopper, red housing shell, flush, sounder, fire label	75.60
STI-13110FR	Universal Stopper, red housing shell, surface, fire label	49.07
STI-13120FR	Universal Stopper, red housing shell, surface, sounder, fire label	86.20



STI-15010ML
(manual call point
not included)

AUTOMATIC EXTINGUISHER SYSTEMS

C-TEC'S THREE ZONE automatic extinguisher panel is ideal for controlling the release of fire-suppressing gas into areas housing expensive, dangerous or irreplaceable items of equipment.

LPCB certified to EN12094-1 and EN54-2/4, the panel features an intuitive 128 x 64 pixel display that gives clear and concise feedback to the user, installer and commissioning engineer. It has six monitored inputs (including hold & abort), a time stamped log, adjustable flood times and volt-free changeover relays for fire, local fire, 1st stage active, 2nd stage active, extractor fan and fault.

All of the panel's electronics - apart from its powerful EN54-4 switch mode PSU - are mounted on a detachable metal bridge plate for ease of installation.

A wide range of ancillaries are also available including remote status units, hold-off & abort buttons, line terminators and relay boards.



EP



EP203 3 ZONE AUTOMATIC EXTINGUISHER PANEL

- Ideal for controlling the release of fire suppressing gas
- Certified to EN12094-1 & EN54-2/4 by the LPCB
- Includes an LCD display for ease of programming
- Three sounder circuits (two 1st stage, one 2nd stage)
- Multiple inputs and outputs
- Up to eight remote status units and eight economy status units
- Optional relay boards and hold/abort buttons
- Time stamped event log

NEW
low price

Automatic Extinguisher Systems



EP

EP203 AUTOMATIC EXTINGUISHER PANEL TO EN12094-1 & EN54-2/4



Order Code	Description	Trade £
EP203	3 zone automatic extinguisher panel	350.00
EP212	Output expansion relay board for EP203	96.90
EP214	System line terminator, max. 2 per system (one supplied with EP203)	27.66
BF319	Fire alarm control panel Mains keyswitch	24.97



EP203

EP AUTOMATIC EXTINGUISHER PANEL ANCILLARIES

Order Code	Description	Trade £
EP210F	Remote status unit, flush mounting.	177.16
EP210S	Remote status unit, surface mounting	183.56
BF359/1	Weatherproof enclosure, IP66, steel, non-locking (for EP210F/S)	128.22
EP211	Economy status unit, single gang	84.66
EP215	Extinguishant hold/abort button, single gang, IP66 rated	66.30
BF372	'KAC' yellow 'extinguishant release' surface call point	18.94
BF372A	'KAC' yellow 'abort' surface call point	21.97



EP210F

EP211

For ActiV manual call points, detectors, sounders and VADs, see pages 8 & 9

TWO-WIRE FIRE SYSTEMS

C-TEC'S TWO-WIRE CFP AlarmSense® fire panel is designed to work with Apollo's AlarmSense® range of detectors, call points, sounders and beacons.

Most conventional fire systems work with two pairs of wires per zone: one for detection devices such as fire detectors and call points; the other for alarm devices such as bells and strobes. By using different voltage bands for quiescent and alarm states, AlarmSense® components can be connected to the same pair of supply wires.

When powered and controlled by our two-wire CFP AlarmSense® panel, this reliable technology takes all the complexity out of fire alarm system design, leading to quicker, less expensive and more flexible installation.

CFP *AlarmSense*





CFP 2-8 ZONE ALARMSENSE FIRE PANELS

- Two-wire version of C-TEC's popular CFP 2-8 zone conventional fire panels
- Specifically designed to work with Apollo's 'AlarmSense' detectors, call points, sounders and beacons
- Certified to EN54-2/4 by the LPCB
- Supplied in a flush or surface mountable plastic enclosure
- 2, 4 or 8 AlarmSense Zone Circuits
- Four conventional sounder circuits (for non-AlarmSense Sounders & VADs)
- Fire and fault relays, class change and alert inputs
- Zone test, coincidence, zone delay & non-latching zone functions
- Expansion connections for Repeaters and relay boards

18



ALARMSENSE ANCILLARIES

- A wide range of AlarmSense fire detection, alarm and ancillary devices designed so they can be easily connected to the same two supply lines
- Allows quicker, less expensive and more flexible installation
- General (priority) and local (non-priority) alarm switching
- Separately identifiable call points and detectors
- SynchroPulse alarm synchronisation
- RemovAlert™ detector head removal monitoring
- Products can be purchased individually or in cost-effective 'combination' packs

18

Two-wire Fire Systems



CFP AlarmSense

CFP ALARMSENSE 2-8 ZONE TWO-WIRE FIRE PANELS TO EN54-2/4

Order Code	Description	Trade £
CFP702-2	CFP AlarmSense 2 zone two-wire panel. Max 2 x 3.2Ah batteries	200.00
CFP704-2	CFP AlarmSense 4 zone two-wire panel. Max 2 x 3.2Ah batteries	248.00
CFP708-2	CFP AlarmSense 8 zone two-wire panel. Max 2 x 3.2Ah batteries	298.23
BF319	Fire alarm control panel Mains keyswitch	24.97
CFP760	CFP 8 zone repeater. Max 8 per system. Max. 2 x 3.2Ah batteries	207.56
S-KEY	Spare key for use with CFP Main and Repeater panels	2.18
CFP761	CFP/XFP network driver card (1 per repeater system, fit at main)	69.37
CFP762	CFP Relay output card (reset, fault, aux & remote relay outputs)	52.44
CFP763	CFP Relay output card (As per CFP762 + 8 output per zone relays)	75.38
CFP764	CFP Relay output card (8 output per zone relays for CFP708-2)	48.31
CFP765	CFP Relay output card (4 output per zone relays for CFP704-2)	42.59
CFP766	CFP Relay output card (2 output per zone relays for CFP702-2)	36.84



CFP702-2 / CFP704-2 / CFP708-2

ALARMSENSE MANUAL CALL POINTS (APOLLO)

Order Code	Description	Trade £
55400-894APO	AlarmSense surface mounting manual call point	36.23
26729-152APO	Hinged transparent call point cover	9.49



55400-894APO

For Manual Call Point Stoppers, see page 13

ALARMSENSE DETECTORS (APOLLO)

Order Code	Description	Trade £
55000-190APO	AlarmSense standard heat detector	23.25
55000-193APO	AlarmSense high temperature heat detector	25.96
55000-390APO	AlarmSense optical smoke detector	28.49
55000-391APO	AlarmSense integrating optical smoke detector	32.59
45681-244APO	AlarmSense base with 'removAlert'	8.42



55000-190APO



55000-390APO

ALARMSENSE SOUNDERS & BEACONS (APOLLO)

Order Code	Description	Trade £
45681-510APO	AlarmSense base sounder (requires cap for stand-alone use)	44.02
45681-294	White cap for base sounder	4.70
45681-509APO	AlarmSense base sounder/visual indicator	66.57
55000-018APO	AlarmSense open area sounder, IP65	78.88
55000-017APO	AlarmSense open area sounder/visual indicator, IP65	96.39



45681-510APO



55000-017APO



ALARMSENSE COMBINATION DEVICES (APOLLO)

Order Code	Description	Trade £
55000-392APO	AlarmSense optical detector & sounder base combination	68.25
55000-196APO	AlarmSense stnd heat & sounder base combination	63.34
55000-197APO	AlarmSense high temp heat & sounder base combination	68.00
55000-393APO	AlarmSense integrated optical & sounder base combination	71.74
55000-394APO	AlarmSense optical detector & sndr & visual indicator base combination	87.48
55000-395APO	AlarmSense integrating optical & sndr & beacon base combination	97.73
55000-198APO	AlarmSense stnd heat & sndr & visual indicator base combination	91.18
55000-199APO	AlarmSense high temp heat & sndr & visual indicator base combination	89.71



55000-392APO



55000-199APO

ALARMSENSE ANCILLARIES (APOLLO)

Order Code	Description	Trade £
53832-070APO	AlarmSense mini-disc remote indicator	10.19
55000-835APO	AlarmSense relay module	58.00



55000-835APO

DOMESTIC FIRE SYSTEMS

INTRODUCING HUSH-ACTIV - a new range of BS 5839-6 Grade C domestic fire detection & alarm systems for flats, apartments, HMOs & other residential dwellings.

Designed and manufactured by C-TEC in the UK, **Hush-ActiV** puts residents in control of their own fire alarm systems by allowing them to test and silence them whilst standing at floor level via a central controller that also monitors the system for faults.

Three versions are available, all supplied as cost-effective kits that include all the devices required for a typical stand-alone Grade C LD2 dwelling system.

As Hush-ActiV is a Grade C system, it offers a higher level of protection than a typical Grade D system, uses around half the power, less plastic and requires only one replaceable standby battery for the entire system.

Hush-ActiV can be used in any situation where Grade D Mains/Battery Alarm are specified.



Visit our
YouTube site at
CTEUKTV
for more information
on C-TEC's Grade C
Domestic Fire
Solutions



HUSH
ActiV



HUSH-ACTIV DOMESTIC FIRE ALARM SYSTEMS

- A range of Grade C domestic fire detection and alarm systems to BS 5839-6 (2019)
- Ideal for use in residential dwellings, flats & apartments
- Supplied in cost-effective kit format for ease of specification and ordering
- Each kit includes all the devices you need to create a typical LD2 dwelling system
- Easily accessible HUSH and TEST buttons
- Additional ActiV detection and alarm devices available to accommodate larger systems
- Monitored for battery and PSU faults, head removal & open/short circuit faults
- Attractive double gang 'Hush' controller comes with non-latching fire and fault outputs, a trigger input, a 72 hour rechargeable standby battery and a separate mains power supply unit
- Uses EN54 grade detection and alarm devices
- In excess of 10 years battery life in normal usage
- Can be used in any situation where Grade D Mains/Battery Alarms are specified

Domestic Fire Systems



HUSH
ActiV

HUSH-ACTIV BS5839-6 GRADE C DOMESTIC FIRE ALARM KITS

Order Code	Description	Trade £
HAK/1	Hush ActiV Grade C Domestic Fire Alarm Kit (1 x Hush Controller, 1 x PSU, 3 x ActiV bases, 1 x ActiV Multi sensor, 1 x ActiV smoke detector, 1 x ActiV heat detector and 1 x ActiV base sounder c/w lid & adaptor plate)	197.70
HAK/2	Hush ActiV Grade C Domestic Fire Alarm Kit (1 x Hush Controller, 1 x PSU, 3 x ActiV bases, 2 x ActiV smoke detectors, 1 x ActiV heat detector and 1 x ActiV base sounder c/w lid & adaptor plate)	195.73
HAK/3	Hush ActiV Grade C Domestic Fire Alarm Kit (1 x Hush Controller, 1 x PSU, 3 x ActiV bases, 2 x ActiV Multi sensors, 1 x ActiV heat detector and 1 x ActiV base sounder c/w lid & adaptor plate)	200.43
BF-DP	Retrofit decor plate (to cover decorating marks on retro installs)	3.00

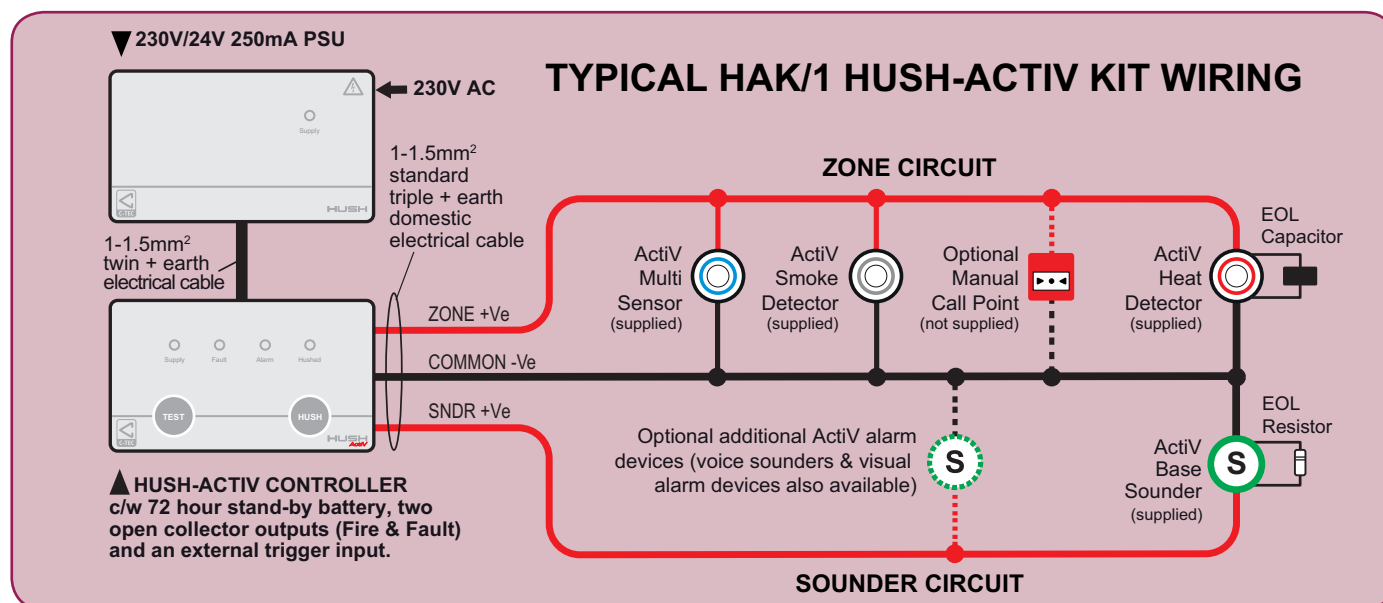


HAK/1



BF-DP

For additional ActiV detectors, sounders, voice sounders and VADs, see page 9



Did you know...?

As well as **Hush-ActiV**, C-TEC also manufactures **Hush-Pro**, a more sophisticated Grade C domestic fire alarm system that can be easily interfaced to a communal/landlord system in, for example, a residential tower block. Hush-Pro's ability to differentiate between a Fire Level 1 (likely false alarm) and a Fire Level 2 (likely real alarm) means it can better protect building occupants and reduce unwanted alarms. When used to its full potential, it allows optional automatic evacuation scenarios and/or fire service evacuation facilities to be implemented with the status of the entire system reported off-site for action and analysis. **Hush-Pro is subject to a phased release - email hush-pro@c-tec.co.uk for further details.**



ADDRESSABLE FIRE SYSTEMS

NEW FOR 2019/2020 - C-TEC's own UK manufactured 'CAST' distributed intelligence addressable fire alarm system and protocol. CAST complements our two existing supported addressable protocols and devices from Apollo & Hochiki.

This part of our price guide is therefore split into three sections.

Section 1 (pages 24-25) showcases C-TEC's own CAST protocol fire alarm system which includes our XFP fire panel and a wide range of programmable fire detectors, call points, sounders, VADs and interface modules. (ZFP CAST fire panels coming soon).

Section 2 (pages 26-33) focusses on C-TEC's Apollo XP95/Discovery protocol compatible systems which include our XFP and ZFP fire panels, Apollo's own field devices plus our own C-TEC manufactured XP95/Discovery compatible sounders, voice sounders, VADs and Hush Buttons.

Section 3 (pages 34-35) lists our Hochiki ESP compatible XFP fire panel & Hochiki's own field devices.

XFP ZFP  XP95 

**ASK ABOUT
OUR NEW TCP/IP
REMOTE ACCESS,
DATA MANAGEMENT
& GRAPHICS SOLUTIONS**
call our sales desk
for details

Addressable Fire Systems



24

C-TEC CAST SYSTEMS



- New for 2019/20 - one of the world's most-advanced 'distributed intelligence' fire alarm systems
- Powered and controlled by C-TEC's robust 'future-proofed' CAST communication protocol (C-TEC Addressable System Technology)
- Comprises a range of top quality control panels, fire detectors, call points, sounders, VADs and interface modules, all manufactured by C-TEC in the UK.
- 255 devices per loop
- Short-circuit loop isolator in every device
- Multiple type codes & 40V loop voltage
- Two speedy programming options - automatic at the panel or via a powerful handheld programmer
- Certified to the relevant EN54 product standards by the LPCB (as indicated)
- Unrivalled engineer & commissioning functions
- For a full list of CAST features and benefits visit: www.c-tec.com/addressable-fire-systems/c-tec-cast/

26

C-TEC/APOLLO XP95 & DISCOVERY SYSTEMS



- C-TEC's XFP and ZFP fire panels coupled with Apollo's XP95/Discovery detectors, sounders, VADs, interfaces and manual call points
- A solid addressable fire alarm system solution for factories, shops, warehouses, offices, hotels & more
- Clever 'Xpert' card addressing
- Two control panel options: 1-2 loop XFP panels or 1-8 loop ZFP touchscreen panels
- Up to eight XFP main panels (any variant) can be connected to a 2-wire RS485 non-redundant network. Alternatively, up to eight XFP repeaters can be connected to a non-networked XFP main panel
- Up to 64 ZFP main panels and 64 Compact Controllers can be connected to the ZFP's Hi-integrity fault-tolerant RS485 network
- C-TEC manufactured XP95/Discovery compatible sounders, VADs and hush buttons also available

34

C-TEC / HOCHIKI ESP SYSTEMS



- C-TEC's XFP fire panel combined with Hochiki's ESP fire detectors, sounders, VADs, interfaces and manual call points
- Two panels available - a single loop 16 zone panel in a plastic enclosure or a robust 1 or 2 loop 32 zone metal panel system
- High performance at a competitive price
- Ideal for office blocks, industrial sites and shopping malls as well as smaller stand-alone applications
- Panels offer an array of features including full compatibility with Hochiki's ESP protocol, two programmable conventional sounder circuits and the ability to interconnect up to eight XFP main panels onto a 2-wire RS485 non-redundant network

Addressable Fire Systems



XFP



XFP 1-2 LOOP ADDRESSABLE FIRE PANELS TO EN54-2/4 & ANCILLARIES

Order Code	Description	Trade £
XFP501E/CA	XFP 1 loop 16 zone panel, C-TEC CAST. Max. 2 x 3.2Ah batteries	378.00
XFP501/CA	XFP 1 loop 32 zone pane, C-TEC CAST. Max. 2 x 7Ah batteries	552.00
XFP502/CA	XFP 2 loop 32 zone panel, C-TEC CAST. Max. 2 x 7Ah batteries	695.00
XFP510-16	XFP Repeater panel, 16 zones (all protocols). Max. 2 x 3.2Ah batteries	300.42
XFP510-32	XFP Repeater panel, 32 zones (all protocols). Max. 2 x 7Ah batteries	412.93
CFP761	CFP/XFP network communications card for XFP 16 zone panels	69.37
AFP711	CFP/XFP network communications card for XFP 32 zone panels	109.24
XFP385	Flush mounting bezel (for XFP 32 zone masters & repeaters)	31.05
BF359/3S	Stainless steel glazed enclosure for XFP 32 zone panels.	294.00
BF359/3CL	Cam lock kit for BF359/3S stainless steel enclosure	28.94
BF359/3SL	Electromag solenoid lock kit for BF359/3S stainless steel enclosure	204.00
AFP709	XFP printer kit (printer, lead & socket) for XFP 32 zone panels	478.91
CA507	XFP CAST Programming software c/w SAF7070000 lead	91.76
SAF7070000	2m Programming lead (4 way molex to 9-way RS232 'D' female)	17.44
BF232	RS232 to USB convertor	40.00
S-KEY	Spare key for use with XFP single loop 16 zone panels	2.18



XFP501E/CA



XFP501/CA & XFP502/CA

CAST HANDHELD PROGRAMMER

Order Code	Description	Trade £
CAPROG	CAST Handheld programmer	200.00



CAPROG

CAST MANUAL CALL POINTS TO EN54-5/17

Order Code	Description	Trade £
CA470	CAST red manual call point, universal mounting	44.50
BF370SC	Protective cover for CA470 manual call point	2.48
CA47067	CAST red IP67 manual call point, surface mounting	115.00

Yellow (CA470Y), green (CA470G), blue (CA470B) & white (CA470W) call points also available @ £52.50 each



CA470

CAST DETECTORS TO EN54-5/7/17

Order Code	Description	Trade £
CA416	CAST Optical Smoke Detector	39.00
CA402	CAST Programmable Heat Detector	37.00
CA414	CAST Programmable Multisensor Fire Detector	47.00
CA408	CAST Detector Base	4.23
CA408R	CAST Relay Base	26.16



CA408



XFP



CAST SOUNDERS & VADS TO EN54-3/23/17

Order Code	Description	Trade £
CA431A/W	CAST 92dB base sounder, white	30.44
CA456A/W	CAST C-3-8.5 base VAD c/w 92dB sounder, white	53.30
CA460A/W	CAST C-3-8.5 base VAD, white	44.80
CA432A/W	CAST O-R-3-2.5-18 base VAD c/w 92dB sounder, white	53.30
CA459A/W	CAST O-R-3-2.5-18 base VAD, white	44.80
BF330CTLIDW	Optional white cap for base sounder VADs (for stand-alone use)	2.68
BF330CTLIDR	Optional red cap for base sounder VADs (for stand-alone use)	2.68
CA430A/SR	CAST Hi-Output 100dB wall sounder, shallow, red	43.35
CA433A/SR	CAST Hi-Output W-2.75-9 wall VAD c/w 100dB sounder, shallow, red	61.91
CA430A/DR	CAST Hi-Output 100dB wall sounder, deep, red	45.90
CA430A/DR/65	CAST Hi-Output IP55 100dB wall sounder, deep, IP55, red	55.29
CA433A/DR	CAST Hi-Output W-2.75-9 wall VAD c/w 100dB sounder, deep, red	65.51
CA433A/DR/65	CAST Hi-Output IP55 W-2.75-9 wall VAD c/w 100dB sndr, deep, red	78.84
CA450A/SW	CAST 96dB Compact ceiling sounder, white	36.72
CA451A/SW	CAST C-3-8 Compact ceiling VAD c/w 96dB sounder, white	52.48
CA458A/SW	CAST C-3-8 Compact ceiling VAD, white	47.23
CA450A/SR	CAST 96dB Compact wall sounder, red	36.72
CA451A/SR	CAST W-3-3.1 Compact wall VAD c/w 96dB sounder, red	52.48
CA458A/SR	CAST W-3-3.1 Compact wall VAD, red	47.23



CA456A/W c/w CA414 & CA408



CA430A/DR

CA433A/DR

CA450A/SW



CA451A/SW

CAST VOICE SOUNDERS & VADs

Order Code	Description	Trade £
CA454A/W	CAST base voice sounder, white	53.51
CA457A/W	CAST C-3-8.5 base VAD c/w voice sounder, white	70.95
CA455A/W	CAST O-R-3-2.5-18 base VAD c/w voice sounder, white	70.95
CA446A/SR	CAST Hi-Output wall voice sounder, shallow, red	78.84
CA447A/SR	CAST Hi-Output W-2.75-9 wall VAD c/w voice sounder, shallow, red	105.11
CA446A/DR	CAST Hi-Output wall voice sounder, deep, red	83.58
CA447A/DR	CAST Hi-Output W-2.75-9 wall VAD c/w voice sounder, deep, red	111.41

Voice sounders with lockdown messages also available - contact our Sales Desk for details

CA457A/W
c/w CA414
& CA408



CA446A/DR

CA447A/DR

CAST INTERFACE MODULES TO EN54-17/18

Order Code	Description	Trade £
CA730	CAST input output module	63.00
CA731	CAST mains switching input output module	74.00
CA732	CAST zone monitor module	55.00
CA734	CAST mini input output module	47.50



CA730

CA731

CA734

Addressable Fire Systems



XFP

ZFP

DISCOVERY

XP95

XFP 1-2 LOOP ADDRESSABLE FIRE PANELS TO EN54-2/4 & ANCILLARIES

Order Code	Description	Trade £
XFP501E/X	XFP 1 loop 16 zone panel, XP95/Discovery protocol. Max. 2 x 3.2Ah batteries	445.00
XFP501/X	XFP 1 loop 32 zone panel, XP95/Discovery protocol. Max. 2 x 7Ah batteries	603.92
XFP502/X	XFP 2 loop 32 zone panel, XP95/Discovery protocol. Max. 2 x 7Ah batteries	759.23
XFP510-16	XFP Repeater panel, 16 zones (all protocols). Max. 2 x 3.2Ah batteries	300.42
XFP510-32	XFP Repeater panel, 32 zones (all protocols). Max. 2 x 7Ah batteries	412.93
CFP761	CFP/XFP network communications card for XFP 16 zone panels	69.37
AFP711	CFP/XFP network communications card for XFP 32 zone panels	109.24
XFP385	Flush mounting bezel (for XFP 32 zone masters & repeaters)	31.05
BF359/3S	Stainless steel glazed enclosure for XFP 32 zone panels.	294.00
BF359/3CL	Cam lock kit for BF359/3S stainless steel enclosure	28.94
BF359/3SL	Electromag solenoid lock kit for BF359/3S stainless steel enclosure	204.00
AFP709	XFP printer kit (printer, lead & socket) for XFP 32 zone panels	478.91
XFP507	XFP Apollo Programming software c/w SAF7070000 lead	91.76
SAF7070000	2m Programming lead (4 way molex to 9-way RS232 'D' female)	17.44
BF232	RS232 to USB convertor	40.00
S-KEY	Spare key for use with XFP single loop 16 zone panels	2.18



XFP501E/X



XFP501/X & XFP502/X

ZFP TOUCHSCREEN FIRE PANELS WITH BLANK MODULES TO EN54-2/4

Include a Touchscreen control module (Z41) and 1, 3 or 5 blank modules (ZBLANK).

Standard cabinet variants (W450 x H462 x D127mm) can have up to 1 extra Switch & Indicator Module,
Medium cabinets (W450 x H720 x D200) up to 3 and Large Cabinets (W450 x H960 x D200) up to 5.

Order Code	Description	Trade £
ZFP1/X	ZFP 1 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	838.44
ZFP2/X	ZFP 2 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	1164.84
ZFP4/X	ZFP 4 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	1491.24
ZFP2M/X	ZFP 2 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	1419.84
ZFP4M/X	ZFP 4 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	1746.24
ZFP6M/X	ZFP 6 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	2319.99
ZFP8M/X	ZFP 8 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	2646.39
ZFP2L/X	ZFP 2 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	1521.84
ZFP4L/X	ZFP 4 Loop Large Panel, XP95/Discovery, Max 2 x 38Ah batteries	1848.24
ZFP6L/X	ZFP 6 Loop Large Panel, XP95/Discovery, Max 2 x 38Ah batteries	2421.99
ZFP8L/X	ZFP 8 Loop Large Panel, XP95/Discovery, Max 2 x 38Ah batteries	2748.39

ZFP2M/X & ZFP4M/X & ZFP8M/X



ZFP1/X & ZFP2/X & ZFP4X

Addressable Fire Systems



XFP

ZFP

DISCOVERY

XP95

ZFP TOUCHSCREEN FIRE PANEL WITH 20 ZONAL LEDs TO EN54-2/4

Include a Touchscreen control module (Z41) & a 20 Programmable zonal indicators with name slots module (Z44). Medium cabinet variants can have up to 2 extra Switch & Indicator Modules.

Order Code	Description	Trade £
ZFP1/20/X	ZFP 1 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	938.40
ZFP2/20/X	ZFP 2 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	1266.84
ZFP4/20/X	ZFP 4 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	1591.20
ZFP6M/20/X	ZFP 6 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	2419.95
ZFP8M/20/X	ZFP 8 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	2746.35



ZFP1/20/X & ZFP2/20/X & ZFP4/20/X

ZFP TOUCHSCREEN FIRE PANEL WITH 40 ZONAL LEDs TO EN54-2/4

Include a Touchscreen control module (Z41) & a 40 Programmable zonal indicators with name slots module (Z47). Medium cabinet variants can have up to 2 extra Switch & Indicator Modules.

Order Code	Description	Trade £
ZFP1/40/X	ZFP 1 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	972.57
ZFP2/40/X	ZFP 2 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	1299.07
ZFP4/40/X	ZFP 4 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	1625.47
ZFP6M/40/X	ZFP 6 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	2454.22
ZFP8M/40/X	ZFP 8 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	2780.60



ZFP1/40/X & ZFP2/40/X & ZFP4/40/X

ZFP TOUCHSCREEN FIRE PANEL WITH 40 ZONAL LEDs, PRINTER & 2 KEYSWITCHES TO EN54-2/4

Include a Touchscreen control module (Z41) & a 40 Programmable zonal indicators, printer & 2 programmable keyswitches module (Z49). Medium cabinet variants can have up to 2 extra Switch & Indicator Modules.

Order Code	Description	Trade £
ZFP1/40P/X	ZFP 1 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	1294.99
ZFP2/40P/X	ZFP 2 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	1621.39
ZFP4/40P/X	ZFP 4 Loop Standard Panel, XP95/Discovery, Max 2 x 18Ah batteries	1947.79
ZFP6M/40P/X	ZFP 6 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	2776.54
ZFP8M/40P/X	ZFP 8 Loop Medium Panel, XP95/Discovery, Max 2 x 38Ah batteries	3470.14



ZFP1/40P/X & ZFP2/40P/X & ZFP4/40P/X

ZFP PROGRAMMING SOFTWARE

Order Code	Description	Trade £
ZTOOLS	ZFP Programming Software Kit c/w USB connection lead	153.00



DID YOU KNOW you can build your own ZFP fire panel c/w additional switch & indicator modules, A-BUS PCBs & network cards online at www.c-tec.com/info/zfp-panel-builder.html

Addressable Fire Systems



XFP

ZFP

DISCOVERY

XP95

ZFP FLUSH FIT BEZELS & GLAZED STAINLESS STEEL FRAMES

Order Code	Description	Trade £
ZBEZS	Flush-fit bezel for ZFP standard cabinet (W492 x H504 x D30mm)	72.42
ZBEZM	Flush-fit bezel for ZFP medium cabinet (W492 x H762 x D30mm)	79.05
ZBEZL	Flush-fit bezel for ZFP large cabinet (W492 x H1002 x D30mm)	85.68
ZBEZDS/SS	Glazed stainless steel frame for ZFP standard cabinet	294.61
ZBEZDM/SS	Glazed stainless steel frame for ZFP medium cabinet	660.70
ZBEZDL/SS	Glazed stainless steel frame for ZFP large cabinet	POA
ZBEZDC/SS	Glazed stainless steel frame for ZFP compact controller	141.10
ZBEZD/CL	Cam lock kit for glazed stainless steel frame	34.05
ZBEZD/SL	Electromag solenoid lock for glazed s/steel frames (not ZBEZDC/SS)	225.45



ZBEZDS/SS
(panel not
included)

ZBEZM

ZFP SWITCH & INDICATOR MODULES

Order Code	Description	Trade £
Z44	ZFP 20 zone indicator module c/w name slots	99.96
Z45	ZFP 20 zone indicator module c/w name slots & 5 switches	273.96
Z46	ZFP 20 zone indicator module c/w name slots, printer & 2 switches	524.60
Z47	ZFP 40 zone indicator module c/w name slots	134.23
Z48	ZFP 40 zone indicator module & 5 switches	293.89
Z49	ZFP 40 zone indicator module c/w printer & 2 switches	539.85
Z50/1-100	ZFP 100 zone indicator module, numbered 1-100	201.96
Z50/101-200	ZFP 100 zone indicator module, numbered 101-200	201.96
Z51	ZFP printer Module	427.55
ZBLANK	Blank module	25.50



Z44

Z45

Z46

Z47

Z48

Z49

Z50/1-100
Z50/101-200

ZBLANK

ZFP COMPACT CONTROLLERS & NETWORK PCBs

- Include a touchscreen control module (Z41) and a 'Hi-NET' multipath fault-tolerant network PCB (ZHN)
- Each Compact Controller requires a separate EN54-4/A2 boxed PSU
- If using a Compact Controller a separate ZHN PCB must be fitted at the ZFP main panel.
- Optional flush/surface single module expansion cabinets and alignment plates available

Order Code	Description	Trade £
ZREP1F	ZFP Compact Controller, flush c/w Hi-NET network PCB	561.00
ZREP1S	ZFP Compact Controller, surface c/w Hi-NET network PCB	562.53
ZHN	ZFP 'Hi-NET' network PCB (one per networked ZFP main panel)	255.00



ZREP1F



XFP

ZFP

DISCOVERY

XP95

ZFP SINGLE MODULE CABINETS

Typically used alongside Compact Controllers

Order Code	Description	Trade £
ZMBOXF	ZFP Flush single module cabinet c/w bezel	40.01
ZMBOXS	ZFP Surface single module cabinet c/w bezel	49.55
ZMBOXAS	Alignment plate (connects single module cabinets horizontally)	15.30
ZMBOXAL	Alignment plate (connects single module cabinets vertically)	15.30

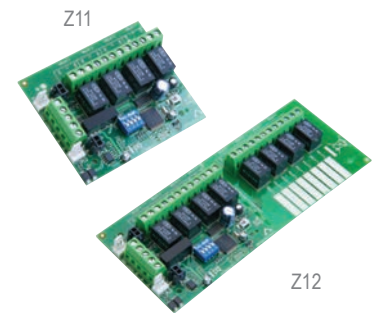
ZFP LOOP EXPANSION PCB

Order Code	Description	Trade £
Z02LOOP/X	ZFP 2 Loop Expansion PCB (extends 2 loop ZFP to 4 loops).	332.93



ZFP 'A' BUS PCBs

Order Code	Description	Trade £
Z11	ZFP 4 Relay PCB (half size)	173.40
Z12	ZFP 8 Relay PCB (full size)	234.60
Z13	ZFP 8 input output PCB (half size)	173.40
Z14	ZFP 16 input output PCB (full size)	234.60
Z15	ZFP 4 Conventional 1A 6K8 Sounder Circuit PCB (full size)	234.60
Z16	ZFP 4 Detection Zone & 2 1A 6K8 Sounder Circuit PCB (full size)	275.40



ZFP MISCELLANEOUS EQUIPMENT

Order Code	Description	Trade £
BF356	Fibre optic transceivers (needs 1 x BF360-12 PSU & 7Ahr battery)	307.53
ZG1	ZFP Single Panel Graphics Interface (dongle & software) Accept, silence & reset controls. Full screen text/running events list	1565.00
ZGL1	USB to RS485 convertor cable, 1.8m	55.30
AFP600S	RS232 Isolated Wall Socket	54.57
BF874QAQ	Serial alphanumeric display paging transmitter, up to 500m range	585.00
BF876DQ	Dipole 400mHz aerial & 10m lead, extends range to up to 1500m	140.00
BF877QAQ	40 character alphanumeric pocket pager	180.00

Addressable Fire Systems



XFP

ZFP

DISCOVERY

XP95

APOLLO XP95/DISCOVERY MANUAL CALL POINTS

Order Code	Description	Trade £
SA5900-908APO	XP95 manual addressable call point with isolator, red	49.99
58200-951APO	Discovery weatherproof call point with isolator, IP67	153.68
26729-152APO	Hinged transparent call point cover	9.49

For Manual Call Point Stoppers, see page 13



SA5900-908APO

APOLLO XP95 DETECTORS

Order Code	Description	Trade £
55000-400APO	XP95 Standard temperature (55°C) heat detector, white, no base	49.76
55000-401APO	XP95 high temperature (90°C) heat detector, white, no base	52.40
55000-885APO	XP95 multisensor, white, no base	65.17
55000-600APO	XP95 optical smoke detector, white, no base	51.90
55000-660APO	XP95 black optical smoke detector, no base	69.10
55000-500APO	XP95 ionisation smoke detector, white, no base	75.97
45681-210APO	XP95 standard base, white, c/w XPERT card	7.89
45681-361APO	XP95 black standard base, c/w XPERT card	10.58
45681-242APO	XP95 low power relay base, white, c/w XPERT card	37.37
38531-771APO	XP95 blank XPERT card	1.11
55000-268APO	XP95 loop powered reflective beam detector (5-50m & 1 reflector)	786.98
55000-273APO	XP95 loop powered reflective beam detector (50-100m & 4 reflectors)	849.91

55000-401APO c/w 45681-210APO



45681-210APO



55000-600APO
c/w 45681-210APO

55000-268APO

APOLLO DISCOVERY ANALOGUE ADDRESSABLE DEVICES

Order Code	Description	Trade £
58000-400APO	Discovery heat detector, no base	57.03
58000-700APO	Discovery multisensor detector, no base	68.11
58000-600APO	Discovery optical smoke detector, no base	57.03
58000-500APO	Discovery ionisation smoke detector, no base	76.32
58000-300APO	Discovery carbon monoxide fire detector, no base	86.88

Note all XP95 bases, isolators, interfaces, sounders and beacons are also compatible with the Discovery range

APOLLO XP95 ISOLATORS

Order Code	Description	Trade £
45681-284APO	XP95 isolating base (isolates up to 20 devices)	31.19
55000-720APO	XP95 isolator, needs 45681-211APO base	28.84
45681-211APO	XP95 isolator base (for use with 55000-720APO)	7.47
55000-802APO	XP95 dual isolator, DIN style	83.23



58000-300APO



58000-400APO



Addressable Fire Systems



XFP

ZFP

DISCOVERY

XP95

C-TEC XFP/ZFP XP95/DISCOVERY COMPATIBLE SOUNDERS & VADS TO EN54-3/23/17

Order Code	Description	Trade £
BF431A/CX/W	96dB Base Sounder	31.96
BF456A/CX/W	C-3-8 Base VAD c/w 96dB sounder	55.97
BF460A/CX/W	C-3-8 Base VAD	39.09
BF330CTLIDW	Optional white cap for base sounder VADs (for stand-alone use)	2.68
BF330CTLIDR	Optional red cap for base sounder VADs (for stand-alone use)	2.68
BF430A/CX/SR	Hi-Output 103dB Wall Sounder, shallow, red	45.52
BF433A/CX/SR	Hi-Output W-2.4-8.2 Wall VAD c/w 103dB sounder shallow, red	65.01
BF430A/CX/DR	Hi-Output 103dB Wall Sounder, deep, red	48.20
BF430A/CX/DR/65	Hi-Output IP55 103dB Sounder, deep, red	58.05
BF433A/CX/DR	Hi-Output W-2.4-8.2 Wall VAD c/w 103dB sounder, deep, red	68.79
BF433A/CX/DR/65	Hi-Output IP65C W-2.4-8.2 Wall VAD c/w 103dB sounder, deep, red	82.29
BF450A/CX/SW	Compact Ceiling Sounder, white	38.56
BF451A/CX/SW	Compact C-3-8 Ceiling VAD c/w 91dB sounder, white	55.10
BF458A/CX/SW	Compact C-3-8 Ceiling VAD, white	49.59
BF450A/CX/SR	Compact Wall Sounder, red	38.56
BF451A/CX/SR	Compact Wall VAD c/w 91dB sounder, red	55.10
BF458A/CX/SR	Compact W-3-3.1 Wall VAD, red	49.59
BFIPPLATE/R	Optional red IP protection plate	2.43
BFIPPLATE/W	Optional white IP protection plate	2.43

BF456A/CX/W (detector and detector base not included)



BF450A/CX/SW



BF451A/CX/SW

BF430A/CX/DR



BF433A/CX/DR

C-TEC XFP/ZFP XP95/DISCOVERY VOICE SOUNDERS & VADS



Order Code	Description	Trade £
BF454A/CX/W	Base Voice Sounder,	56.19
BF457A/CX/W	C-3-8 Base VAD c/w voice sounder	74.50
BF330CTLIDW	White cap for base voice sounder VADs (for stand-alone use)	2.68
BF330CTLIDR	Red cap for base voice sounder VADs (for stand-alone use)	2.68
BF446A/CX/SR	Hi-Output Wall Voice Sounder, shallow, red	82.78
BF447A/CX/SR	Hi-Output W-2.4-8.2 Wall VAD c/w voice sounder, shallow, red	110.37
BF446A/CX/DR	Hi-Output Wall Voice Sounder, deep, red	87.76
BF447A/CX/DR	Hi-Output W-2.4-8.2 Wall VAD c/w voice sounder, deep, red	116.98
BF452A/CX/SW	Compact Ceiling voice sounder, shallow, white housing	72.67
BF453A/CX/SW	Compact C-3-8 Ceiling VAD c/w voice sounder, shallow, white	85.05
BF452A/CX/SR	Compact Wall voice sounder, shallow, red	72.67
BF453A/CX/SR	Compact W-3-3.1 Wall VAD c/w voice sounder, shallow, red	85.05

BF454A/CX/SW



BF457A/CX/SW

BF446A/CX/DR



BF447A/CX/DR

Voice sounders with lockdown messages also available - contact our Sales Desk for details

T 01942 322744

F 01942 829867

E sales@c-tec.co.uk

W www.c-tec.com

Addressable Fire Systems



XFP

ZFP

DISCOVERY

XP95

APOLLO XP95 ANALOGUE ADDRESSABLE INTERFACE MODULES

Order Code	Description	Trade £
SA4700-102APO	Input output unit (includes back box)	83.93
SA4700-104APO	Dual input output unit (includes back box)	120.68
SA4700-302APO	Input output unit, DIN style	94.34
SA4700-103APO	Input output unit, mains switching	99.19
55000-852APO	Sounder control unit (includes back box)	106.04
55000-182APO	Sounder control unit, DIN style	149.88
55000-845APO	Zone monitor (includes back box)	71.87
55000-812APO	Zone monitor, DIN style	114.14
SA4700-100APO	Switch monitor (includes back box)	70.82
SA4700-300APO	Switch monitor, DIN style	84.46
SA6700-100APO	Dual switch monitor (includes back box)	93.80
55000-760APO	Mini switch monitor with interrupt (no back box required)	70.34



SA4700-102APO



SA4700-302APO



55000-760

APOLLO XP95 XPANDER RADIO DEVICES

Order Code	Description	Trade £
XPA-CB-11171-APO	Xpander CS heat detector with radio base/address module	320.19
XPA-CB-11170-APO	Xpander A1R heat detector with radio base/address module	320.19
XPA-CB-12034-APO	Xpander optical detector with radio base/address module	320.19
XPA-MC-14006-APO	Xpander manual call point with integral radio address module	304.20
XPA-CB-14001-APO	Xpander red stand alone sounder with red radio base	416.24
XPA-CB-14002-APO	Xpander white stand alone sounder with white radio base	416.24
XPA-CB-14003-APO	Xpander red stand alone sounder beacon with red radio base	480.29
XPA-CB-14004-APO	Xpander amber stand alone sounder beacon with white radio base	450.00
XPA-CB-14005-APO	Xpander clear stand alone sounder beacon with white radio base	450.00
XPA-IN-14050-APO	Xpander interface module c/w isolator & aerial, up to 15 addresses	640.41



Xpander devices

C-TEC MK1 LOOP POWERED HUSH BUTTONS

Order Code	Description	Trade £
XFP508X	Mk1 Loop Powered Hush Button, XP95/Discovery	71.01
XFP508X/SS	Mk1 Stainless Steel Loop Powered Hush Button, XP95/Discovery	167.07



XFP508X

MEET THE



INTRODUCING CAST - C-TEC'S OWN 'DISTRIBUTED INTELLIGENCE' FIRE ALARM SYSTEM AND PROTOCOL



- ★ 255 devices per loop
- ★ Two 'soft' addressing options - automatically at the panel or manually via a powerful handheld programmer
- ★ 40V loop drive voltage
- ★ Multiple type codes
- ★ Multi-level addressing for easy device addition and swapped device identification
- ★ High-speed data transmission
- ★ Optional supervisory events
- ★ Short-circuit loop isolator in every device
- ★ Geographical location of short-circuit and open circuit faults
- ★ Powerful replace device function
- ★ Flashing and non-flashing LED options
- ★ Powerful group activation commands for rapid deployment of alarm signals
- ★ Can accommodate spurs on retrofit systems
- ★ Unrivalled engineer functions
- ★ Wide range of CAST compatible UK manufactured control panels, detectors, sounders, VADs and interface units
- ★ Programmable heat detectors, multi-sensors and interface units means less stock to carry
- ★ Fully certified to the relevant parts of EN54 by the LPCB
- ★ Optional voice sounders with 'Lockdown' messages



IT'S NO WONDER CAST IS RECEIVING FIVE STAR REVIEWS!



See pages 24 and 25 for our full CAST addressable fire alarm system listing.
Contact your C-TEC account manager to discover more!



Addressable Fire Systems



XFP

HOCHIKI

XFP 1-2 LOOP ADDRESSABLE FIRE PANELS TO EN54-2/4 & ANCILLARIES

Order Code	Description	Trade £
XFP501E/H	XFP 1 loop 16 zone panel, Hochiki ESP, Max. 2 x 3.2Ah batteries	445.00
XFP501/H	XFP 1 loop 32 zone panel, Hochiki ESP, Max. 2 x 7Ah batteries	603.92
XFP502/H	XFP 2 loop 32 zone panel, Hochiki ESP, Max. 2 x 7Ah batteries	759.23
XFP510-16	XFP Repeater panel, 16 zones (all protocols). Max. 2 x 3.2Ah batteries	300.42
XFP510-32	XFP Repeater panel, 32 zones (all protocols). Max. 2 x 7Ah batteries	412.93
CFP761	CFP/XFP network communications card for XFP 16 zone panels	69.37
AFP711	CFP/XFP network communications card for XFP 32 zone panels	109.24
XFP385	Flush mounting bezel (for XFP 32 zone masters & repeaters)	31.05
BF359/3S	Stainless steel glazed enclosure for XFP 32 zone panels.	294.00
BF359/3CL	Cam lock kit for BF359/3S stainless steel enclosure	28.94
BF359/3SL	Electromag solenoid lock kit for BF359/3S stainless steel enclosure	204.00
AFP709	XFP printer kit (printer, lead & socket) for XFP 32 zone panels	478.91
XFP507	XFP Hochiki Programming software c/w SAF7070000 lead	91.76
SAF7070000	2m Programming lead (4 way molex to 9-way RS232 'D' female)	17.44
BF232	RS232 to USB convertor	40.00
S-KEY	Spare key for use with XFP single loop 16 zone panels	2.18



XFP501E/H



XFP501/H & XFP502/H

HOCHIKI ESP MANUAL CALL POINTS

Order Code	Description	Trade £
HCP-E(SCI)	ESP Addressable Call Point with Isolator, Red	51.35
HCP-W(SCI)	ESP Weatherproof Addressable Call Point with Isolator, Red	187.20
HCP-E/Y(SCI)	ESP Addressable Call Point with Isolator, Yellow	78.00
SRMOUNTINGBOX	ESP Surface Mounting Call Point Back Box, Red	2.97
SYMOUNTINGBOX	ESP Surface Mounting Call Point Back Box, Yellow	5.44
BF370MC	Protective cover for ESP call point (fits all indoor ESP call points)	4.14

For Manual Call Point Stoppers, see page 13

HOCHIKI ESP DETECTORS

Order Code	Description	Trade £
ATJ-EN	ESP Multi Heat (Fixed Temp/Rate of Rise) Sensor, Ivory	52.14
ACB-EW	ESP W'proof Multi Heat (Fixed Temp/Rate of Rise) Sensor, Ivory	105.79
ACC-EN	ESP Multi Sensor, Ivory	59.29
ALN-EN	ESP Photo-electric Smoke Sensor, Ivory	52.14
ALN-EN(BLK)	ESP Photo-electric Smoke Sensor, Black	69.44
YBN-R/3	ESP Sensor Mounting Base, Ivory	5.00
YBN-R/3(BLK)	ESP Sensor Mounting Base, Black	7.83



HCP-W(SCI)



HOCHIKI ESP DETECTORS



XFP

HOCHIKI

HOCHIKI ESP ISOLATORS

Order Code	Description	Trade £
YBO-R/SCI(RED)	ESP Short Circuit Isolator Base, needs SI/CAP2 for standalone use	27.30
SI/CAP2	ESP Base Sounder/Isolator cover	2.02

HOCHIKI ESP AUDIO VISUAL PRODUCTS

Order Code	Description	Trade £
YBO-BS	ESP Base Sounder, Ivory	55.35
YBO-BSB2/WL	ESP Base Sounder Beacon, Ivory with white LEDs	98.76
CHQ-CB/WL	ESP Ceiling Beacon, Ivory with white LEDs	89.77
SI/CAP2	ESP Base Sounder/Isolator Cover	2.02
CHQ-WS2	ESP Wall Sounder, Red	67.59
CHQ-WSB2/WL	ESP Wall Sounder Beacon, Red with white LEDs	91.37
CHQ-WB/RL	ESP Wall Beacon, Ivory with red LEDs	89.77
CHQ-WPK	Weatherproofing kit for Wall Sounders	14.32
YBO-R/3(RED)	Mounting Base for Wall Sounders	3.26

Beacons with red LEDs also available - contact our sales desk for details



HOCHIKI ESP AV PRODUCTS

HOCHIKI ESP MODULES

Part No	Description	Trade £
CHQ-DSC2(SCI)	ESP Dual Sounder Controller with Isolator	140.79
CHQ-DRC2(SCI)	ESP Dual Relay Controller with Isolator	108.94
CHQ-MRC2(SCI)	ESP Mains Relay Controller with Isolator	93.50
CHQ-SZM2(SCI)	ESP Single Zone Monitor with Isolator	87.50
CHQ-DIM2(SCI)	ESP Dual Input Monitor with Isolator	79.05
CHQ-DZM(SCI)	ESP Dual Zone Monitor with Isolator	175.76
CHQ-DZM(SCI)-IS	ESP Intrinsically Safe Dual Zone monitor with Isolator	298.76
XFP508H	C-TEC Mk1 Loop Powered Hush Button, Hochiki ESP compatible	71.01

CHQ Modules in DIN enclosures also available - contact our sales desk for details



HOCHIKI MODULES



XFP508H

HOCHIKI ANCILLARIES

Part No	Description	Trade £
CHQBACKBOX	Module Back Box	12.73
CHQ-ADAPTER	Adaptor for CHQ modules	5.41
CHQ-ARI	ESP Addressable Remote Indicator, Ivory (non EN54-23)	54.09
RT-2	ESP Outer Cover removal Tool (for ALN ACC ATJ ACD)	115.00
TCH-B200	ESP Hand Held Programmer	143.76

SPRINKLER ALARM SYSTEMS

UTILISING THE SAME technology as our popular XFP addressable fire alarm panel, C-TEC's new range of Sprinkler Alarm Panels are ideal for monitoring up to 126 sprinkler flow switches.

Two versions are available - a C-TEC 'CAST' version and an Apollo XP95/Discovery version.

One monitoring unit is required per monitored flow switch - see product listing for further details.



SPRINKLER ALARM PANELS

- Ideal for monitoring up to 126 sprinkler flow switches
- C-TEC 'CAST' and Apollo XP95/Discovery versions
- One CAST or Apollo monitoring unit required per monitored flow switch (dependent on model purchased)
- Utilises the same technology as our popular XFP addressable fire panel
- Up to 16 sprinkler zone indicators available (assignable via the panel's PC programming tools)
- Designed and manufactured by C-TEC in the United Kingdom

37



C-TEC ADDRESSABLE SPRINKLER ALARM PANEL (C-TEC CAST)

Order Code	Description	Trade £
SAP501E/CA	1 loop 16 zone sprinkler alarm panel, C-TEC CAST protocol. Max. 2 x 3.2Ah batteries. Can monitor up to 126 sprinkler flow switches	412.93
BF319	Fire alarm control panel Mains keyswitch	24.97
CA730	CAST input output module - one required per monitored flow switch	63.00

Other CAST monitoring devices are available - see page 25 for details.



SAP501E/CA

C-TEC ADDRESSABLE SPRINKLER ALARM PANEL (C-TEC/APOLLO)

Order Code	Description	Trade £
SAP501E/X	1 loop 16 zone sprinkler alarm panel, XP95/Discovery protocol. Max. 2 x 3.2Ah batteries. Can monitor up to 126 sprinkler flow switches	433.58
BF319	Fire alarm control panel Mains keyswitch	24.97
SA4700-100APO	XP95 switch monitor (includes back box) - one required per monitored flow switch	70.82

Other XP95 monitoring devices are available - see page 32 for details.



SAP501E/X

VOICE ALARMS & EMERGENCY SOUND SYSTEMS

WITH THE ASSISTANCE of our sister company SigNET AC - one of Europe's most respected manufacturers of life safety audio communication equipment - C-TEC can supply a host of total capability voice alarm, public address and background music systems.

From a simple single zone system in a shop unit to an airport with multiple zones and hundreds of speakers, we have the equipment and expertise to provide a compliant, reliable and cost- effective solution.

We also manufacture AVAC - our own high-quality modular emergency sound system complete with an onboard digital message store and powerful public address and background music capabilities.



Voice Alarms & Emergency Sound Systems



DX3000 Scalable Compact Voice Alarm System

40

- An intelligent 'plug-and-play' wall mounting VA solution
- Ideal for small to medium sized applications where EN54-16 compliance is required
- Includes a digital DSP-based master unit equipped with up to 6 Class D+ power amplifiers able to provide up to 250W on 100V or 70V speaker lines



DX9000 Medium to Large Voice Alarm System

40

- A completely scaleable and versatile range of configurable EN54-16 compliant VA solutions
- Features flexible digital system architecture with Ethernet connection to the outside world
- Centralised or distributed configurations



AVAC Sound System for Emergency

41

- A high-quality modular emergency sound system with an onboard digital message store and powerful PA & BGM capabilities
- Simplifies the provision of an EN 60849 compliant sound system for emergency purposes for schools, shopping centres, offices, hotels and other applications
- Includes programmable pre-recorded evacuate, alert and test messages
- Optional custom message recording service available
- AVAC master includes a prioritised mixer, two 60 watt 'Class D' amplifiers and three balanced line level inputs for the connection of an emergency microphone, paging/public address equipment and a background music source

Voice Alarms & Emergency Sound Systems



DXT3000 VOICE ALARM SYSTEM TO EN54-16/4

Order Code	Description	Trade £
MX3250/2	DXT3000 Integrated voice alarm master unit, 250W, 2 Channels	2451.00
MX3250/4	DXT3000 Integrated voice alarm master unit, 250W, 4 Channels	2856.00
MX3250/6	DXT3000 Integrated voice alarm master unit, 250W, 6 Channels	3261.00
BM3804	2 zone monitored desktop paging microphone	356.00
BE3806	6 button extension for monitored desktop paging microphone (BM3804)	135.00
BM3804FM	2 button Firefighter's Paging Microphone, wall mounting	555.00
BC290/2	24V 17.2Ahr battery pack (2x12V)	104.28
MG3006	DXT3000 Monitored Board	101.00
IE3008	Interlink Board for networking MX3250 units together	240.00
EOL3-9	DXT3000/DXT9000 End of line monitoring unit	55.00



DXT9000 VOICE ALARM SYSTEM TO EN54-16/4

Order Code	Description	Trade £
MX9816	Master Unit for DXT9000 system, 8 IN 2 OUT, bus OUT	2935.00
MX9502	Master Unit DXT9000 system, 8 IN, 2 OUT x 250W-100V, bus OUT	4040.00
MX9504	Master Unit DXT9000 system, 8 IN, 4 OUT x 125W-100V, bus OUT	4424.00
UP9504	4x1+1 input DXT9000 power amplifier 4x125W AC/DC, bus IN/OUT	2795.00
UP9502	2x1+1 input DXT9000 power amplifier 2x250W AC/DC, bus IN/OUT	2572.00
UP9501	1+1 input DXT9000 power amplifier 500W AC/DC, bus IN/OUT	2228.00
BM9802	Paging microphone console, numeric keypad + ALL-CALL DXT9000	564.00
BM9804	Paging-emergency microphone console, 3 program. + ALL-CALL DXT9000	616.00
BM9804FM	Firefighter's paging microphone console for DXT9000	927.00
BE9808	8 button extension for BM 9802 and BM 9804; max 8 per console	224.00
IN9000	Emergency Console with PTT firefighter's microphone	638.00
EOL3-9	DXT3000/DXT9000 End of line monitoring unit	55.00



Voice Alarms & Emergency Sound Systems



AVAC EMERGENCY SOUND SYSTEM TO EN 60849

Order Code	Description	Trade £
VA403	Master AVAC dual 60W amplifier, charger & PSU	1386.95
VA403H	Master AVAC dual 60W amplifier, charger & PSU c/w 'hotswap'	1606.50
VA402	Slave AVAC dual 60W amplifier, charger & PSU	1001.70
VA402H	Slave AVAC dual 60W amplifier, charger & PSU c/w 'hotswap'	1171.80
CRS	Custom recording session, up to 5 messages (English incl. message treatment & encoding)	500.00
VA405	FM1 Emergency microphone (1 per system)	472.50
VA405X	FMIC Emergency microphone (up to 4 per system)	630.00
VA406	1ZDM Line level paging microphone (1 per system)	450.00
VA406X	SPE045 Line level paging microphone (up to 4 per system)	630.00



VA403

DISABLED REFUGE & FIRE TELEPHONE SYSTEMS

CURRENT BUILDING REGULATIONS insist all new non-domestic buildings with more than one storey provide 'refuge' areas – relatively safe places where people who cannot easily use fire escapes and evacuation lifts can call for assistance and wait until help arrives.

Simple, effective two-way communication in these areas is essential, firstly, to assist rescue teams in determining where assistance is required and secondly, to reassure people help is on the way.

Our SigTEL 4-224 Line Emergency Voice Communication (EVC) System has been specifically designed to meet the rising demand for BS 5839 Part 9 compliant **disabled refuge** AND **fire telephone systems** in hotels, shopping malls, office blocks, transport terminals, banks, sports stadia, entertainment complexes, auditoria and more.



SigTEL

NOW WITH
IMPROVED
224 LINE
NETWORKING
CAPABILITY &
OPTIONAL DESK
CONTROLLERS

Disabled Refuge & Fire Telephone Systems

**New Look
SigTEL
controllers with
up to 16 lines
now available**



SigTEL 4-224 Line Emergency Voice Communication System

- New-look Controllers with increased 224 line capacity and optional desk controller connectivity
- Ideal for all disabled refuge, fire telephone and stadium marshalling applications
- Meets and exceeds the requirements of BS 5839-9 when correctly installed
- Compact 4 line, 8 line & new 16 line wall mounting Controllers with new-look handsets
- Up to 14 master controllers can be interlinked
- Optional anti-tamper enclosures
- Multiple 'Disabled Refuge' (Type B) and 'Fire Telephone' (Type A) outstations
- True duplex speech
- Unique 'auto-learn' facility
- 24 hours (standby) plus 3 hours (in use) using 2 x 12V 7Ahr batteries
- Optional line tester tool (recommended)
- Can be easily interfaced to accessible toilet alarms, hearing loops, strobes and CCTV activation relays

Disabled Refuge & Fire Telephone Systems



SigTEL

SIGTEL 4-224 LINE CONTROLLERS

Order Code	Description	Trade £
ECU-4	4 Line SigTEL Master Controller c/w handset. Max 2 x 7Ah batteries	867.00
ECU-8	8 Line SigTEL Master Controller c/w handset. Max 2 x 7Ah batteries	1106.70
ECU-16	16 Line SigTEL Master Controller c/w handset. Max 2 x 7Ah batteries	1842.00
ECU-8NT	8 Line SigTEL Master Controller (no handset). Max 2 x 7Ah batteries	928.20
ECU722	Network card, allows up to 14 ECU-4, 8, 16 or 8NTs to be interlinked. (To network a controller that has an optional ECU-224 desk controller fitted use an ECU723 interface/network card instead, see below)	87.60
EVC385	Grey flush bezel for ECU-4, 8, 16 or 8NT controllers	29.57
BF359/2B	Flush mounting bezel for BF359/2 enclosure	153.91
BF359/3M	Flush stainless steel anti-tamper enclosure for ECU-4, 8, 16 or 8NT. Medium depth (725 W x 448 H x 130 D mm)	379.32
BF359/3CL	Cam lock kit for BF359/3M or BF359/3D	28.94
BF359/3SL	Electromagnetic solenoid lock kit for BF359/3M or BF359/3D	204.00

ECU-4, ECU-8, ECU-16



ECU8-NT



BF359/3M (controller not included)

SIGTEL 4-224 LINE DESK CONTROLLERS

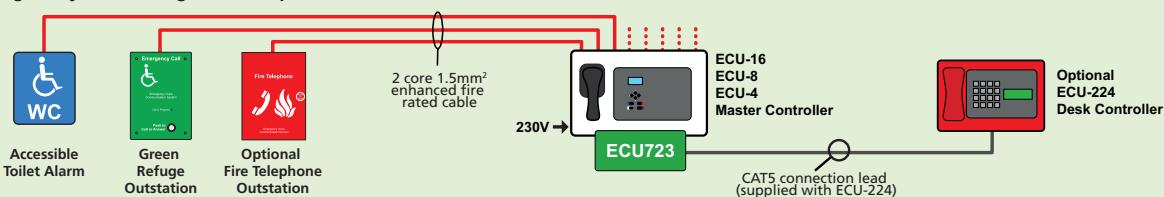
NEW

Order Code	Description	Trade £
ECU-224	Optional 1-224 line SigTEL Desk Controller with handset & display. Requires an ECU723 fitted at an ECU-4, 8 or 16 Controller. ECU-224s are NOT compatible with ECU-8NT Controllers.	935.53
ECU723	ECU-224 interface/network card. Allows an ECU-224 desk controller to be connected to an ECU-4, 8 or 16. Can also act as a network card if networking is required. NOT compatible with ECU-8NT Controllers.	105.10

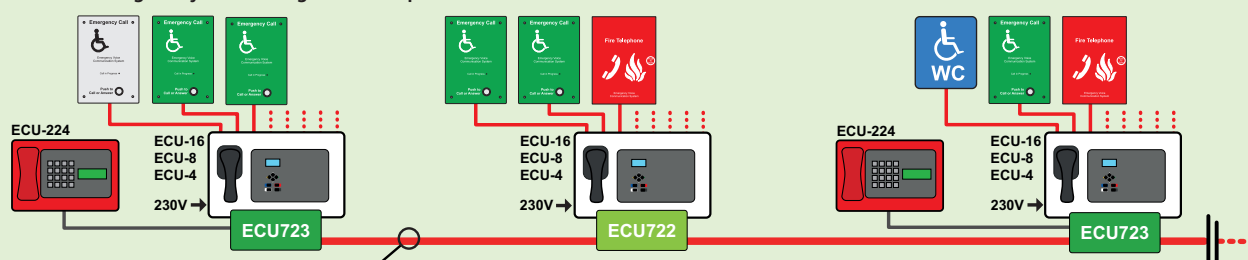


ECU-224

Basic SigTEL system wiring with an optional ECU-224 Desk Controller connected



Networked SigTEL system wiring with multiple ECU-224 Desk Controllers connected



Communication network (only required on networked SigTEL systems). ECU722 & ECU723 cards mount inside master controllers. Wire the network in 4 x 2 core 1.5mm² enhanced fire rated cable. Total network length = 1km. Total no. of networked controllers = 14 (or 224 lines). ECU723 cards are only required if using an optional desk controller. If a desk controller is not required use an ECU722 card instead. Master controllers without handsets (ECU-8NT) are also available but these are not compatible with ECU-224 desk controllers.

Disabled Refuge & Fire Telephone Systems



SigTEL

DISABLED REFUGE (TYPE B) OUTSTATIONS

Order Code	Description	Trade £
EVC302GF	Green handsfree EVC outstation, flush mounting	161.57
EVC302GS	Green handsfree EVC outstation, surface mounting	172.18
EVC302F	Stainless steel handsfree EVC outstation, flush mounting	179.52
EVC302S	Stainless steel handsfree EVC outstation, surface mounting	191.30
BF359/1	IP66 rated enclosure, steel, non-locking (for EVC302GF or F)	128.22



FIRE TELEPHONE (TYPE A) OUTSTATIONS

Order Code	Description	Trade £
EVC301RPO	Red fire telephone outstation, c/w handset (push to open)	183.60
EVC301RLK	Red fire telephone outstation, c/w handset (key lockable)	183.60
T-BEZ301	Red flush bezel for EVC301RPO & EVC301RLK	17.45
EVC301RPO/SS	Stainless steel fire telephone outstation, c/w handset (push to open)	270.82
T-BEZ301/SS	Stainless steel flush bezel for EVC301RPO/SS	28.37
EVC401/PH	Roaming Mk2 red fire telephone handset c/w heavy duty jack plug	98.30
EVC301/JP	Single gang jack plate for use with EVC401/PH	26.21



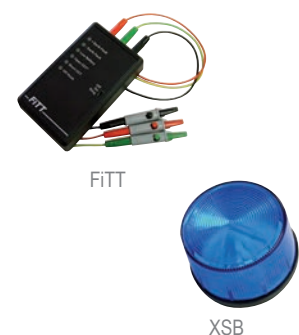
SIGTEL COMPATIBLE ACCESSIBLE TOILET ALARMS & HEARING LOOP SYSTEMS

Order Code	Description	Trade £
NC951	Accessible toilet alarm system to BS8300 (can be interfaced to a SigTEL master controller or Type B outstation via its volt-free relay contacts)	109.78
ML1/K	ML1 hearing loop system (can be interfaced to a Type B outstation's loop connectors to assist hearing aid users in an emergency situation)	97.76



SIGTEL PROGRAMMING SOFTWARE, TESTERS, SPARES & ACCESSORIES

Order Code	Description	Trade £
EVC423	PC Programming Software, configurator and mini-USB lead	123.59
ECU-PPT	ECU handset complete with Push-to-Talk button	108.11
FITT	EVC line tester (saves time on large installations)	146.88
CATCON	Adaptor box to convert fire-rated cable to Cat 5	27.15
XSB	Blue xenon strobe, 12V (requires 1 x SDM)	36.72
SDM	Strobe driver module, 12V	18.00



POWER SUPPLIES & BATTERIES

FIRE LEGISLATION IN many countries states any power supply performing a mandatory function of a fire alarm system must be approved to EN54-4

C-TEC's 5 Series VdS certified switch-mode power supplies are fully compliant with EN54-4 making them ideal for controlling beam detectors, auto-dial communicators, aspirating smoke detectors, electromagnetic door holders, ventilation systems and more. The range comprises 1.5A, 3A and 5A 24V units and a 2A 12V unit.

A comprehensive range of non-EN54 certified 12V and 24V PSUs is also available for non-mandatory fire and other life safety applications. Together, the two ranges combine to make C-TEC's power supply offering one of the most comprehensive in the industry.



48

5 SERIES EN54-4 DIGITAL HYBRID SWITCH MODE POWER SUPPLIES



- Certified to EN54-4/A2 by the LPCB and VdS
- Plastic cover on PSU PCB guards against live parts
- Includes a single-pole voltfree changeover Fault relay
- Multiple indicators - supply present, general fault, fault type & aux. equipment fault
- Two selectable battery charge currents
- Mains fail simulation mode
- Battery fault impedance limits can be optimised to suit load current (helps extend battery life)
- Improved on-board temperature sensor with optional remote sensor
- Meets the requirements of EN62368-1 (Information and Communication Technology Equipment - Safety Requirements)
- Electronic functions comply with EN50131-6 grades 1-4 for security applications
- Encased PCB-only versions also available
- Can be optionally customised to suit your exact requirements using a BF432 configurator

49

MISCELLANEOUS POWER SUPPLY UNITS



- A range of 12 & 24V boxed or plated power supply units suitable for use in a host of applications
- Multiple regulated and unregulated versions available
- Suitable for use on security, fire, nursecall, CCTV and other applications
- All units designed and manufactured by C-TEC in the UK

49

BATTERIES



- A range of specially selected high-quality yet cost-effective VRLA (valve regulated sealed lead acid) batteries
- Ideal for use on virtually any life-safety system
- Designed to supply reliable back-up power
- Supplied with battery link wires where appropriate
- Also available singularly - contact our sales desk for details
- Alternative sized batteries available on request

Power Supplies & Batteries



5 SERIES 24V SWITCH MODE/ DIGITAL HYBRID BOXED PSUs TO EN54-4/A2 & EN62368-1

Order Code	Description	Trade £
BF560-24	24V 1.5A 5 Series EN54-4 Plastic boxed PSU, 2 x 12V 3.2Ah Max.	156.06
BF562-1	24V 1.5A 5 Series EN54-4 Metal boxed PSU, 2 x 12V 17Ah Max.	176.87
BF562-3	24V 3A 5 Series EN54-4 Metal boxed PSU, 2 x 12V 18Ah Max.	187.27
BF562-5	24V 5A 5 Series EN54-4 Metal boxed PSU, 2 x 12V 18Ah Max.	228.89

Encased PCB-only versions with exactly the same electronics also available - see below



5 SERIES 24V ENCASED SWITCH MODE/DIGITAL HYBRID PSU PCBs

Order Code	Description	Trade £
BF560-24/E	24V 1.5A 5 Series Encased Power Supply PCB ONLY	98.84
BF562-3/E	24V 3A 5 Series Encased Power Supply PCB ONLY	118.61
BF562-5/E	24V 5A 5 Series Encased Power Supply PCB ONLY	144.98



5 SERIES 12V SWITCH MODE/ DIGITAL HYBRID BOXED PSUs TO EN54-4/A2 & EN62368-1

Order Code	Description	Trade £
BF560-12	12V 2A 5 Series EN54-4 Plastic Boxed PSU. 1 x 12V 7Ah Max (3.2Ah with STU plate)	143.66
BF360SP	Optional STU mounting plate for BF560-12 2A PSU	15.30

Encased PCB-only versions with exactly the same electronics also available - see below



5 SERIES 12V ENCASED SWITCH MODE/DIGITAL HYBRID PSU PCBs

Order Code	Description	Trade £
BF560-12/E	12V 2A 5 Series Encased Power Supply PCB ONLY	89.17



5 SERIES PSU PROGRAMMER

Order Code	Description	Trade £
BF423	5 Series Power Supply Configurator. Allows the following 5 Series PSU parameters to be configured: Float voltage temperature compensation; Battery charge rate (mA); Battery impedance; Input/Output settings. Requires a Windows PC.	134.11





NON-EN54 24V POWER SUPPLIES & ANCILLARIES

Order Code	Description	Trade £
BF375P	24V 250mA unregulated double gang door release PSU	54.43
BF375M	24V 1A regulated boxed PSU (271x200x70mm). Max. 2 x 2.3 Ah batteries.	91.32
BF377	24V 2A unregulated door release boxed PSU (405 x 267 x 92mm)	145.66
BF375PE	24V 250mA unregulated double gang door release PSU c/w detector circuit	57.69
BF375PEK	24V 250mA double gang automatic door release system Includes 1 x BF375PE double gang door release psu c/w detector circuit, 2 x ActiV optical detectors/bases, 1 x door retainer and 1 x NCP10 flush back box	197.54
BF375EN	24V 350mA regulated double gang door release PSU c/w detector circuit	82.14



12V PSUS

Order Code	Description	Trade £
NC930	12V 250mA double gang PSU	61.99
NC930/SS	12V 250mA double gang PSU, stainless steel	176.25
NC941B	0.3Ahr standby battery kit, for use with NC930 & NC930/SS	77.65
NC925B3	12V 3A white boxed PSU	233.20



BATTERY PACKS

Order Code	Description	Trade £
BC283/2	24V 1.2 AH VRLA battery pack (2 x 12V including link wire)	25.72
BC284/2	24V 2.3 AH VRLA battery pack (2 x 12V including link wire)	28.82
BC285/2	24V 3.2 AH VRLA battery pack (2 x 12V including link wire)	31.25
BC286/2	24V 7.0 AH VRLA battery pack (2 x 12V including link wire)	39.54
BC288/4	24V 10.0 AH VRLA battery pack (4 x 6V including link wire)	79.90
BC291/2	24V 12.0 Ahr VRLA battery pack (2 x 12V including link wire)	76.40
BC290/2	24V 17.0 AH VRLA battery pack (2 x 12V including link wire)	104.28
BC289/2	24V 24.0 Ahr VRLA battery pack (2 x 12V including link wire)	145.85



Note, batteries are also available singularly - contact our sales desk for part numbers and prices

INSTALLATION AIDS

A RANGE OF quality accessories designed to assist installers when fitting C-TEC products.

From adaptable plastic conduit boxes to decor plates and single and double gang interface plates, these useful accessories have been designed to help speed up installation times, convert euro-sized back boxes to standard UK sized back boxes and save you money.

Installation
Help videos are
available on our
CTEUKTV
YouTube site





C-TEC MANUFACTURED PLASTIC INTERFACE PLATES / SURFACE BACK BOXES

Order Code	Description	Trade £
NCP-23	White Surface interface plate shallow, 20mm depth, single gang	2.76
NCP-24	White Surface interface plate deep, 25mm depth, single gang	2.81
NCP-25	White Surface interface plate shallow, 20mm depth, double gang	3.18
NCP-26	White Surface interface plate, deep, 33mm depth, double gang	3.43



PLASTIC BACK BOXES

Order Code	Description	Trade £
NCP-8	White 32mm flush mount UK single gang back box	2.14
NCP-9	White 25mm surface mount UK single gang back box	2.14
NCP-19	White 32mm surface mount UK single gang back box	5.06
NCP-11	White 25mm surface mount UK double gang back box	3.15
NCP-10	White 32mm flush mount UK double gang back box	3.15
NCP-21	White 46mm flush mount UK double gang back box	11.06
NCP-15	White 32mm surface mount UK double gang back box	12.02
NCP-22	White 44mm surface mount UK double gang back box	10.50
NCP-16	Flame retardant steel flush mount UK double gang back box	19.75
NCP-17	Flame retardant white surface mount UK double gang back box	19.75



C-TEC MANUFACTURED CONDUIT ADAPTOR BOXES

Order Code	Description	Trade £
NCP-27	Conduit adaptor box (for use with ceiling mounted ActiV & CAST devices)	2.99



C-TEC MANUFACTURED RETROFIT DECOR PLATES

Order Code	Description	Trade £
BF-DP	Retrofit decor plate (for use with ceiling mounted ActiV & CAST devices on retrofit installations to help cover decorating marks from older systems)	3.00



CONVENTIONAL CALL SYSTEMS

TRIED, TRUSTED & RESPECTED by users and installers alike, C-TEC's 800 Series Call System is ideal for use in any private, commercial, residential or public sector building.

It allows the general public, staff or patients to call for assistance; confirms the call has got through; makes sure the caller is visited/ and, if required; allows urgent assistance to be summoned via an optional 'emergency' call facility.

The unrivalled flexibility of the system means it can also indicate if staff are being attacked via an optional infrared 'staff attack' facility, monitor secure areas for unauthorised access, monitor doorbells, telephones and machinery for activation or failure and send call notifications to hand-held paging equipment.



800 SERIES



NC951 ACCESSIBLE TOILET ALARMS

- The UK's market-leading BS8300 compliant Accessible Toilet Alarm - now with Call Accept/Call Acknowledgement functionality
- Allows a distressed person to raise an alarm in the event of an emergency.
- Attractively designed, easy to install & simple to use
- Includes a Call Controller with 24 hour standby battery, Ceiling Pull, Overdoor Light & Sounder, Reset Point & Sounder and WC sticker
- Can also be used as a single zone emergency assistance alarm in changing rooms, solariums, interview rooms, reception areas and more.

54



800 SERIES CONVENTIONAL CALL SYSTEM

- Suitable for use in care homes, hotels, offices, factories, warehouses, leisure centres & more
- Two levels of call - standard (constant tone) and emergency (intermittent tone)
- 12V DC system - simple to install and easy to use - six core security cable ideal for most installations
- Wide range of call controllers & indicator panels covering 1 to 90 zones
- Extensive range of ancillaries including ceiling pulls, wall-mounting call points, monitoring points, overdoor lights, IR receivers, relays and more
- No limit to system size - components can be mixed to meet the layout and call communication requirements of virtually any building

54

Conventional Call Systems



800 SERIES

SINGLE ZONE ACCESSIBLE TOILET ALARM KITS

Order Code	Description	Trade £
NC951	Accessible toilet alarm kit to BS8300 c/w onboard standby battery. (NC943B call controller, NC807C ceiling pull, NC806CS overdoor light & sounder, NC809DBBT reset point & sounder, NC949 WC sticker)	109.78
NC951/SS	Stainless steel emergency assistance alarm kit, no standby battery (NC941/SS s/steel call controller, NC807C plastic ceiling pull, NC806CS/SS s/steel overdoor light & sounder, NC809DB/SS s/steel reset point)	164.93
NCP-12	Nylon ceiling pull cord pack (3m nylon cord, 2 x triangles, 1 x bullet)	3.45
NCP-13	Wipe clean/anti-bacterial vinyl ceiling pull cord pack (3m vinyl cord, 2 x triangles, 1 x bullet)	17.25



NC951

800 SERIES SINGLE ZONE EMERGENCY CALL CONTROLLERS

Order Code	Description	Trade £
NC942	Single zone call controller c/w 12V 140mA PSU, reset button & relay	86.79
NC943B	Single zone call controller c/w 12V 140mA PSU, call accept button, relay & standby battery	96.72
NC941	Single zone call controller c/w 12V 250mA PSU & reset button	86.79
NC941/SS	Single zone call controller, stainless steel c/w 12V 250mA PSU & reset button	156.23
NC941B	0.3AHr battery kit, for use with NC941 & NC941/SS controllers	77.65



NC941/SS

800 SERIES 4-12 ZONE EMERGENCY CALL CONTROLLERS

Order Code	Description	Trade £
NC944	Four zone call controller c/w mute/reset button, requires 12V PSU	68.19
NC930	12V 250mA PSU, powers up to 2 x four zone call controllers	61.99
NC944/SS	Four zone call controller, s/steel, c/w mute/reset button, requires 12V PSU	214.42
NC930/SS	12V 250mA PSU, s/steel, powers up to 2 x four zone call controllers	176.25
NC941B	0.3AHr standby battery kit, for use with NC930 & NC930/SS 12V PSUs	77.65
NC925B1	12V 1A white boxed PSU, powers up to 3 x four zone call controllers	173.10
AC284	2.3Ah backup battery, for use with NC925B1 12V PSU	13.74



NC944/SS



800 SERIES 10-40 ZONE EMERGENCY CALL CONTROLLERS

Order Code	Description	Trade £
NC910F	10 Zone Master Call Controller, flush c/w 12V 300mA PSU, relay, reset & mute/accept buttons	208.05
NC910S	10 Zone Master Call Controller, surface c/w 12V 300mA PSU, relay, reset & mute/accept buttons	213.66
NC920F	20 Zone Master Call Controller, flush c/w 12V 300mA PSU, relay, reset & mute/accept buttons	281.14
NC920S	20 Zone Master Call Controller, surface c/w 12V 300mA PSU, relay, reset & mute/accept buttons	286.77
NC910EF	10 Zone Expansion Unit for NC910F or NC920F	168.68
NC910ES	10 Zone Expansion Unit for NC910S or NC920S	174.31
NC920EF	20 Zone Expansion Unit for NC910F or NC920F	202.42
NC920ES	20 Zone Expansion Unit for NC910S or NC920S	208.05
BF560-12	12V 2A Boxed EN54-4 PSU, Max 1 x 12V 7Ah battery for optional standby on NC910/20)	143.66
NCBOXAS	Alignment plate (connects two call controllers horizontally)	13.60
NCBOXAL	Alignment plate (connects two call controllers vertically)	14.28
NCBEZDC/SS	10/20 Zone Call Controller glazed stainless steel frame	152.75



NC920S



NC920F

800 SERIES 10-90 ZONE EMERGENCY INDICATOR PANELS

Order Code	Description	Trade £
NC812KE	10 Zone Emergency master panel c/w 12V PSU & mute button	291.10
NC822KE	20 Zone Emergency master panel c/w 12V PSU & mute button	335.37
NC832KE	30 Zone Emergency master panel c/w 12V PSU & mute button	424.34
NC811KE	10 Zone Emergency repeater panel	184.75
NC821KE	20 Zone Emergency repeater panel	273.72
NC831KE	30 Zone Emergency repeater panel	362.70
	For larger Emergency master/repeater panels, add per 10 zones...	161.40



NC831KE

800 SERIES OVERDOOR LIGHTS AND SOUNDERS Use to increase call indication levels

Part No	Description	Trade £
NC806C	Overdoor light	19.25
NC806CS	Overdoor light c/w Sounder	30.24
NC806C/SS	Stainless steel overdoor light	53.59
NC806CS/SS	Stainless steel overdoor light c/w Sounder	61.13
NC887D	Switchable Sounder	48.85
NC888D	Remote Sounder	19.90



NC806C / NC806CS

Conventional Call Systems



800 SERIES

800 SERIES STANDARD CALL POINTS & CEILING PULLS

Order Code	Description	Trade £
NC807C	Ceiling pull unit, no onboard reset, no remote socket	19.25
NC802DB	Standard call point, button reset & remote socket	24.72
NC802DBB	Standard call point, braille label, button reset & remote socket	35.28
NC802DM	Standard call point, magnetic reset & remote socket	25.80
NC917L	Standard call push, protruding button, no onboard reset, no remote	21.56
NC802DEWM	Master IP65 water resistant alert point, mag. reset, no remote	155.45
NC802DEWS	Slave IP65 water resistant alert point (10 per NC802DEWM master)	117.12
NC802DESS	Slave IP69K sauna alert point (10 per NC802DEWM master)	256.00
NC802DEM/SS	Stainless steel call point, magnetic reset, no remote socket	125.75



800 SERIES STANDARD MONITORING POINTS Generate standard calls only

Order Code	Description	Trade £
NC894DKB	Isolatable monitoring point, button reset, no remote socket	35.36
NC894DKM	Isolatable monitoring point, magnetic reset, no remote socket	35.36



NC894DKB / NC894DKM

800 SERIES EMERGENCY CALL POINTS Generate standard and/or emergency calls (as described)

Order Code	Description	Trade £
NC802DEB-1/2	Emergency call point, button reset, with remote socket, Can make standard & emergency calls	39.35
NC802DEM	Emergency call point, magnetic reset, with remote socket, Can make standard & emergency calls	36.07
NC802DEWM	Water resistant alert point, IP65, mag. reset Can make standard OR emergency calls (not both)	155.45
NC802DEWS	Slave water resistant alert point, IP65, max. 10 per NC802DEWM	117.12
NC802DEM/SS	Stainless steel call point, mag. reset, no remote socket Can make standard OR emergency calls (not both)	125.75
NC804DE	Emergency call / reset point, button reset, no remote socket Can make emergency calls ONLY	32.95



800 SERIES INFRARED CALL POINTS & CEILING RECEIVERS

Generate standard and/or emergency calls when triggered by a compatible infrared transmitter

Order Code	Description	Trade £
NC302RXC	Infrared master ceiling receiver, no onboard reset, no remote socket	45.87
NC302RXCS	Infrared slave ceiling receiver, up to 3 per master	44.00
NC802DERB	Infrared call point, button reset, with remote socket	57.81
NC802DERM	Infrared call point, magnetic reset, with remote socket	57.81
NC302RT	Test infrared receiver	70.84





800 SERIES INFRARED TRANSMITTERS For use with infrared call points and ceiling receivers

Order Code	Description	Trade £
QT412RXA	Infrared transmitter, rechargeable (push/pull for emergency)	89.14
QT412RXCA	Infrared transmitter, rechargeable (push for std/pull for emgcy)	89.14
QT424/1	Single-way charging unit for QT412 range transmitters	16.72
QT424/10	Ten-way charging unit for QT412 range transmitters	206.14
NC432	Infrared neck pendant transmitter (push for call), battery operated	58.16
NC432W	Infrared wrist pendant transmitter (push for call), battery operated	68.55



800 SERIES RESET POINTS Can be used to reset devices which do not have an onboard reset facility

Order Code	Description	Trade £
NC809DB	Button reset point	10.99
NC809DBB	Button reset point c/w sounder and braille label	17.71
NC809DB/SS	Button reset point, s/steel	54.05
NC809DM	Magnetic reset point	12.88
NC899IRR	Keyswitch reset point	33.25
NC809DBBT	Accessible toilet reset point c/w sounder	17.71



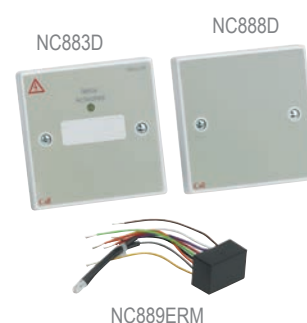
800 SERIES ANCILLARY CALLING DEVICES Generate standard calls via a call point's remote socket

Order Code	Description	Trade £
NC805C/6	1.8m (6ft) tail call lead	12.57
NC805C/14	4.2m (14ft) tail call lead	14.13
NC805D	1.2-3.6m (4-12ft) tail call lead	19.25
NC805P	Hand/foot pneumatic pad, requires 1 x NC805AS	32.59
NC805AS	Remote air switch for NC805P	93.55
NC805MD	Portable movement detector	431.24
NC644	Floor pressure mat	87.05
NC805DSP	Double remote jack socket	10.97



MISCELLANEOUS 800 SERIES DEVICES

Order Code	Description	Trade £
NC803M/10	10 x magnetic reset keys (use to reset magnetic call/reset points)	35.34
NC889	Call latch module (can trigger a std call from a n/o or n/c switch)	20.15
NC889ERM	Multi-purpose call latch module (can trigger std and/or emgy call from a n/o or n/c switch).	37.70
NC899KD	Area isolator (use to isolate areas/zones)	41.22
NC884DE	Emergency 5:1 input expander (use to provide area/zonal indication)	23.72
NC885	Standard 5:1 input expander (use to provide area/zonal indication)	25.45
NC883D	12V relay unit (use to switch sirens, strobes, etc)	38.48



ADDRESSABLE CALL SYSTEMS

QUANTEC IS A powerful yet easy-to-use addressable call system that helps ensure vital communication throughout a building. In environments where efficiency is paramount, Quantec delivers - saving staff time, minimising disturbance and improving the quality of patient, customer and employee care.

Recently updated to include a host of new features, Quantec is ideal for nursecall, dementia, staff protection, emergency assistance and affray applications and can be easily tailored to suit the exact call communication requirements of any facility.

New for 2019 is our Surveyor2 data management software. With user configurable dashboards, key performance indicator settings and remote access capabilities, this cutting-edge software delivers detailed and verifiable data to help care facilities run more smoothly and satisfy the requirements of the Care Quality Commission.



Quantec



QUANTEC CALL SYSTEM

- A powerful addressable call system ideal for nurse call, dementia and staff protection applications
- Up to 7 call levels including standard, ensuite, help required, emergency, attack, presence & attendance
- Call accept and call divert facilities
- Up to 256 monitored addressable devices per system
- Up to 40 pre-set & 45 custom place names per system
- 'User ID' function allows staff to see who is calling (on systems with infrared devices only)
- Flexible call routing - allows the system to be tailored to suit a site's exact operational needs
- Includes a huge range of system components including individually programmable call points, displays, ceiling pulls, overdoor lights, monitoring points, infrared transmitters and more!

60



QUANTEC SURVEYOR2 SOFTWARE

- A new secure remote Cloud based data management software solution for Quantec
- Provides care facilities with a verifiable audit trail for relatives, staff & Care Quality Commission inspectors
- Allows reports on all aspects of call system activity to be accessed on or off site via an internet browser
- User configurable dashboards, Key Performance Indicator settings and remote access capabilities.
- Ideal for evaluating staff performance, patient demands & determining labour levels/shift patterns
- One QTS2/5 IOT card required per Quantec Controller. (12 month recurring fee applies)

NEW

60

DEMENTIA CARE SOLUTIONS

- Our Quantec Dementia Care Controller allows carers to enhance the level of care they provide for patients suffering from dementia, Alzheimers, incontinence & other degenerative illnesses
- Engineer programmable to suit the exact requirements of individual patients/bedrooms
- Includes all the connections, timers & power needed for PIR movement detectors, enuresis sensors, bed exit mats, low voltage LED lighting, door monitoring contacts, IR ceiling receivers, overdoor lights and more
- Many components can be easily added to existing Quantec systems

64



Addressable Call Systems



Quantec

QUANTEC CONTROLLERS, ENCLOSURES & INSTALLATION AIDS

Order Code	Description	Trade £
QT601-2	Quantec controller, one required per system, Max. 2 x 7Ah batteries	362.14
QT385	Flush bezel for Quantec controller	30.16
BF359/3S	Stainless steel enclosure for Quantec controller, needs BF359/3CL or 3SL	294.00
BF359/3CL	Cam lock kit for BF359/3S	28.94
BF359/3SL	Electromagnetic solenoid lock kit for BF359/3S	204.00
QT603	Quantec network splitter	22.79



QUANTEC PROGRAMMING SOFTWARE

Order Code	Description	Trade £
QT707	Quantec Controller programming software c/w SAF7070000 lead	89.14
SAF7070000	4 way mox to 9-way RS232 'D' female programming lead ONLY	17.44
BF232	RS232 to USB convertor	40.00
QT423	Quantec Device configurator, lead & software - for programming devices	128.58
QT707S	Surveyor1 Data Management Software c/w wall socket & lead (Windows) Limited support - please note this product has now been part superseded by our Surveyor2 data management software (see below)	334.28



QUANTEC SURVEYOR2 DATA MANAGEMENT SOFTWARE



Order Code	Description	Trade £
QTS2/5	Quantec Surveyor2 'IOT' Card c/w 12 months Surveyor2 access (Includes 'IOT' connection card, web browser access, emailable reports & up to 5 mobile device connections for push/SMS messaging). 1 x QTS2/5 per Quantec Controller (must be firmware rev 10A9 or above).	606.90

Please note, additional yearly access charges apply - contact your Account Manager for details.
For systems requiring more than 5 mobile device connections, please contact our sales desk.



QUANTEC DISPLAYS

Order Code	Description	Trade £
QT608C	Quantec corridor display, with controls	166.03
QT608CD	Quantec corridor display, no controls	166.03
QT608C/SS	Quantec stainless steel corridor display, with controls	213.34
QT608CD/SS	Quantec stainless steel corridor display, no controls	202.17
QT608CD1S	Quantec large corridor display (965x163x68mm), needs QT615S interface	1124.88
QT615S	Quantec display interface (for use with QT608CD1S)	81.63





QUANTEC OVERDOOR LIGHTS & SOUNDERS

Order Code	Description	Trade £
QT606	Quantec slave overdoor light	20.56
QT606S	Quantec slave overdoor light c/w sounder	38.36
QT606A	Quantec addressable overdoor light c/w sounder	46.80
QT688	Quantec addressable sounder	56.16
QT688/2	Quantec programmable hi-output 85dB addressable sounder (optional HTM08-03 tones via QT423)	51.43



QUANTEC ACCESSIBLE TOILET ALARM KIT

Order Code	Description	Trade £
QT951	Quantec Accessible Toilet Alarm Kit c/w QT607, QT606S, QT605S & NC949	90.72



QT602 PROGRAMMABLE CALL POINTS (WITH REMOTE SOCKETS)

Order Code	Description	Trade £
QT602	Quantec programmable call point, button reset	40.68
QT602RS	Quantec programmable call point c/w sounder & IR receiver, button reset	51.83
QT602M	Quantec programmable call point, magnetic reset	40.68
QT602RSM	Quantec programmable call point c/w sounder & IR receiver, magnetic reset	51.83



QT602E PROGRAMMABLE 'ICON' CALL POINTS (WITH REMOTE SOCKETS)

Order Code	Description	Trade £
QT602E	Quantec programmable 'icon' call point, button reset	40.68
QT602ERS	Quantec programmable 'icon' call point c/w sounder & IR receiver, button reset	51.83
QT602EM	Quantec programmable 'icon' call point, magnetic reset	40.68
QT602ERSM	Quantec 'icon' call point with sounder & IR receiver, magnetic reset	51.83



QT609 PROGRAMMABLE CALL POINTS (NO REMOTE SOCKETS)

Order Code	Description	Trade £
QT609	Quantec programmable call point, button reset	40.12
QT609RS	Quantec programmable call point, button reset c/w sounder & IR receiver	51.27
QT609M	Quantec programmable call point, magnetic reset	40.12
QT609RSM	Quantec programmable call point, magnetic reset c/w sounder & IR receiver	51.27



Addressable Call Systems



Quantec

QUANTEC STAINLESS STEEL CALL POINTS (WITH REMOTE SOCKETS)

Order Code	Description	Trade £
QT602S/SS	Quantec s/steel call point, button reset with sounder	190.11
QT602KS/SS	Quantec s/steel call point, key reset with sounder	159.12
QT602SI/SS	Quantec s/steel keyswitch isolatable call point, button reset with sounder	210.72
QT602KSI/SS	Quantec s/steel keyswitch isolatable call point, key reset with sounder	180.52



QT602SI/SS

QUANTEC STAINLESS STEEL CALL POINTS (NO REMOTE SOCKETS)

Order Code	Description	Trade £
QT609S/SS	Quantec s/steel call point, button reset with sounder (single gang)	150.46
QT609KS/SS	Quantec s/steel call point, key reset with sounder (single gang)	157.53
QT609SI/SS	Quantec s/steel keyswitch isolatable call point, button reset with sounder	208.61
QT609KSI/SS	Quantec s/steel keyswitch isolatable call point, key reset with sounder	203.77



QT609KSI/SS

QUANTEC SLAVE CEILING PULLS & SLAVE CALL POINTS

Order Code	Description	Trade £
QT607	Quantec slave ceiling pull unit	17.83
NCP-12	Nylon ceiling pull cord accessory pack (3m cord, 2 x triangles, 1 x bullet)	3.45
NCP-13	Anti-bacterial vinyl ceiling pull cord accessory pack (3m vinyl cord, 2 x triangles, 1 x bullet)	17.25
QT602D	Quantec slave call point	24.51



QT602D

QUANTEC MONITORING POINTS

Order Code	Description	Trade £
QT604	Quantec monitoring point, button reset, keyswitch isolatable	48.15
QT604M	Quantec monitoring point, magnetic reset, keyswitch isolatable	50.75



QT604 / QT604M

QUANTEC UNIVERSAL DEVICES

Order Code	Description	Trade £
QT611	Quantec multi-purpose programmable device For interfacing 3rd party devices to Quantec	103.07
QT612	Quantec relay output device Provides a zone-specific 30V 1A relay output for strobes, etc	108.65
QT613	Quantec zonal indicator driver device For driving 3rd-party LED indicating devices)	103.07
QT614	Quantec bedhead light dimmer interface (56mm square x 2mm deep)	33.43



QT612



QT611



QUANTEC INFRARED CEILING RECEIVERS

Order Code	Description	Trade £
QT302RX	Quantec master infrared ceiling receiver	66.86
QT302RXS	Quantec slave infrared ceiling receiver	50.14
QT302RXR	Quantec round master infrared ceiling receiver	66.86
QT302RXRS	Quantec round slave infrared ceiling receiver	50.14
QT848/10	10 x Anti-tamper grub screws for QT302RXR/QT302RXRS, incl. allen key	2.60
QT302RT	Quantec test infrared ceiling receiver	55.71

QT302RXR/ QT302RXRS



QUANTEC RADIO RECEIVERS

Order Code	Description	Trade £
QT422RX	Quantec radio receiver	236.33
QT422RXEX	External extension aerial for QT422RX radio receiver	206.63
QT421	RF integrity 'monitored heartbeat' transmitter (use at least 1 per QT422RX)	94.27



QT422RX

QT421

QUANTEC INFRARED/RADIO TRANSMITTERS

Part No	Description	Trade £
QT412RXA	Quantec infrared/radio transmitter, rechargeable Push for attack/pull for attack	89.14
QT412RXCA	Quantec infrared/radio transmitter, rechargeable Push for call/pull for attack	89.14
QT424/1	Single-way charging unit for QT412 range transmitters	16.72
QT424/10	Ten-way charging unit for QT412 range transmitters	206.14



QT412RXA / QT412RXCA

QUANTEC NECK & WRIST INFRARED/RADIO PENDANTS

Battery operated using a replaceable 12V A23/23A (8LR23) alkaline battery (supplied)

Order Code	Description	Trade £
QT432	Quantec infrared/radio patient neck pendant c/w lanyard, battery operated Push for call	54.89
QT432A	Quantec infrared/radio attendance pendant c/w lanyard, battery operated Push for attendance	55.71
QT432W	Quantec infrared/radio patient wrist pendant c/w wrist strap (push for call)	54.89
QT432S	Spare wrist straps for QT432W pendant, pack of 10	16.72



QT432 / QT432A

QUANTEC INFRARED/RADIO FALL SENSOR

Battery operated using a replaceable 3V CR2 lithium-ion battery (supplied)



Order Code	Description	Trade £
QT616	Quantec infrared/radio fall sensor - triggers an emergency call should the wearer fall and a standard call when its button is pressed	POA



QT616

Addressable Call Systems



Quantec

QUANTEC DEMENTIA CARE CONTROLLER & ANCILLARIES

Order Code	Description	Trade £
QT630	Quantec Dementia Care Controller c/w PSU (Max 1 x 12V 7Ah battery) Sits on the Quantec network - has inputs, timers, etc, for a wide range of dementia care ancillaries such as enuresis sensors, PIRs, LED lights, etc.	265.30
QT631K	Quantec Dementia care room status controller, keyswitch reset/isolate	57.14
QT631M	Quantec Dementia care room status controller, magnetic reset/isolate	51.31
QT639	Quantec Dementia care super-bright 3W LED lamp (MR16)	37.73



QT630

QUANTEC INTERFACE UNITS

Allow external devices such as enuresis sensors, bed exit sensors, etc, to be connected to Quantec.
Must be used in conjunction with a QT602/602E/609 range call point or a QT630 dementia control unit.

Order Code	Description	Trade £
QT636	Quantec interface unit c/w remote socket (can be configured to accept n/o or n/c ancillary devices)	37.14
QT637	Quantec Enuresis/general purpose interface socket (includes two remote sockets, one for a QT635 enuresis sensor & one that can accept a n/o or n/c ancillary device). Requires 1x PP3 battery.	68.98



QT637

PIR MOVEMENT SENSORS

Can be connected directly to a QT630 controller or via a QT604/M monitoring point or QT611 multi-purpose programmable device.

Order Code	Description	Trade £
QT638	Quantec PIR sensor (requires a QT645 if connecting via a QT604, QT604M or QT611)	36.20
QT645	Quantec PIR power interface c/w isolating keyswitch (for use with QT638 PIR sensor)	70.04



QT645

QT638



QUANTEC ANCILLARY CALLING DEVICES

Generate calls via the remote socket on a QT602 range call point or QT636/637 interface unit.

Order Code	Description	Trade £
NC805C/6	1.8m/6ft tail call (connects to a QT602 call point or QT636/637 interface unit)	12.57
NC805C/14	4.2m/14ft tail call (connects to a QT602 call point or QT636/637 interface unit)	14.13
NC805D	1.2-3.6m/4-12ft tail call (connects to a QT602 call point or QT636/637 interface unit)	19.25
NC805P	Hand/foot pneumatic pad, requires 1 x NC805AS	32.59
NC805AS	Air switch for NC805P (connects to a QT602 call point or QT636/637 interface unit)	50.10
NC805MD	Portable movement detector (connects to a QT602 or QT636/QT637 interface unit)	431.24
NC805DSP	Double remote jack socket, allows the use of two ancillary calling devices	10.97
QT644	Floor pressure mat (connects to a QT602 call point or QT636/QT637 interface unit)	82.14
QT633	Bed exit mat (connects to a QT636/637 interface unit)	29.46
QT634	Chair exit mat (connects to a QT636/637 interface unit)	28.40
QT635	Enuresis (bed wet) sensor (connects to a QT637 interface unit ONLY)	26.53



NC805C/14



QT635



NC805P

NC805MD



QT634

QUANTEC PRINTERS & PAGING EQUIPMENT

Order Code	Description	Trade £
QT600P	Quantec printer kit incl. printer, lead & wall socket	462.60
QT600S	Printer/paging wall socket	24.85
BF874QAQ	Serial alphanumeric display paging transmitter, approx.500m range	585.00
BF876DQ	Dipole 400mHz aerial & 10m lead, extends BF874QAQ range up to 1500m	140.00
BF877QAQ	40 character alphanumeric pocket pager	180.00



BF877QAQ

MISCELLANEOUS

Order Code	Description	Trade £
NC803M/10	Pack of 10 magnetic reset keys	35.34
NC803M/50	Pack of 50 magnetic reset keys	167.38
NC848/10	10 x anti-tamper screws (to secure s/steel devices in secure applications)	22.67
NC848/50	50 x anti-tamper screws (to secure s/steel devices in secure applications)	113.36
NC947	Anti-tamper Allen key, for use with anti-tamper screws	10.97



NC803M/10

HEARING LOOP SYSTEMS

HEARING LOOP SYSTEMS allow hearing impaired people to hear more clearly. Most hearing aids have a 'T' switch which allows them to pick up the electromagnetic field generated by a loop system.

The hearing aid converts this signal into a sound suited to its user's specific hearing requirements. Any person with a hearing aid positioned within or near the loop can hear the signal by switching their hearing aid to the correct position, allowing them to participate more fully in general conversation and other social/work-related activities.

C-TEC manufactures the UK's widest range of hearing loop systems. Designed to meet and exceed the requirements of BS7594 and BS-EN60118-4, our best-selling PDA range includes amplifiers, microphones, connector plates and test equipment for every conceivable application.



**ASK ABOUT
OUR NEW
LOOP DESIGN
SOFTWARE**
call our sales desk
for details

Hearing Loop Systems



PDA HEARING LOOP SYSTEMS

- The widest range of hearing loop equipment in the UK comprising portable loops, fixed loops, counter loops, wall mounting loops, phased array loops & more
- Available in a variety of cost-effective kit formats for use in ticket offices, meeting rooms, lecture theatres, nursing homes, GP surgeries, churches and shops
- Designed to meet and exceed the requirements of BS7594 and BS-EN60118-4 when correctly installed
- Allows hearing aid users to participate more fully in general conversation and other social/work related activities
- Facilitates compliance with BS8300 and the Equality Act

68

HEARING LOOP TEST EQUIPMENT

- State-of-the-art technology for testing, calibrating and maintaining hearing loop systems to current British and European standards.
- FPROK1 kit includes a hearing loop tester, a calibrated signal generator (c/w pre-loaded test tones, voice and music samples) & headphones
- Allows engineers to check the magnetic field strength of a hearing loop system and to measure background noise, frequency response and metal compensation.
- Loop listening circuitry allows subjective listening tests to be carried out using the headphones supplied with the FPROK1.

71

OUTREACH PLATE AUDIO INPUT EXTENSION SYSTEM

- A range of wall, ceiling and desk mountable plates covering the most common variants of audio connector
- Specifically designed to increase the audio input capability of any audio system
- Each input plate features a built-in mixer, preamp, input level control and balanced output
- Allows system designers to effectively 'tailor make' a distributed multiple input mixer that is compatible with virtually any audio system.
- Typically, up to 10 Outreach plates (any mix) can be daisy-chained to the balanced line level input or 'Outreach' connector of a compatible amplifier

71

Hearing Loop Systems



1.2m² PORTABLE HEARING LOOP KITS

Order Code	Description	Trade £
PL1/K1	Portable hearing loop kit c/w amplifier, plugtop charger & wall mount shelf	158.13
PL1/K3	Portable hearing loop kit c/w amplifier, charge & robust plastic carry case	221.40
PL1/SHELF	Wall mounting storage shelf for PL1 hearing loop amplifier ONLY	32.78
PL1/EUROAD	European Plug Adaptor for PL1, black, 7.5A	3.44



PL1/K1

1.2m² FIXED COUNTER HEARING LOOP KITS

Order Code	Description	Trade £
ML1/K	ML1 counter hearing loop kit (ML1 double gang amplifier, AMT mic, TX2 counter loop)	97.76
PDA103C	PDA103 counter hearing loop kit (PDA103 amplifier, AMT mic, TX2 counter loop)	143.57



PDA103C

ML1/K

50m² HEARING LOOP KITS

Order Code	Description	Trade £
PDA103L	PDA103 50m ² Small room loop kit (tie/desk mic version) (PDA103 amplifier, AMT mic, loop cable)	142.45
PDA103R	PDA103 50m ² Small room loop kit (omni-directional plated mic. version) (PDA103 amplifier, APM plated mic, 6m belden cable, loop cable)	169.03
PDA103S	PDA103 50m ² TV lounge loop kit (PDA103 amplifier, Scart lead, APL plate, loop cable)	181.72



PDA103L, PDA103R, PDA103S

SPECIALIST HEARING LOOP KITS

Order Code	Description	Trade £
VL1/B1	1.2m ² 12V vehicle hearing loop kit (VL1 amplifier, AL8 cigarette lighter power connector, TX2 loop, AMT mic)	169.35
VL1/B2	1.2m ² 24V vehicle hearing loop kit (VL1 amplifier, AL7 power lead, 12V to 12V DC convertor, TX2 loop, AMT mic)	285.75
AKM2	PDA200E lift loop kit for elevators	353.43



VL1/B1

Hearing Loop Systems



200m² HEARING LOOP AMPLIFIERS & KITS

Order Code	Description	Trade £
PDA200E	PDA200E 200m ² wall-mounting hearing loop amplifier	205.25
AKM1	PDA200E 200m ² Meeting/seminar room loop kit (PDA200E amplifier; APM omni-directional microphone on a plate; 6m Belden cable)	241.85
AKM3	PDA200E 200m ² Professional lecture room loop kit (PDA200E amplifier; PRO45 hanging ambient mic; APXM outreach plate; 6m Belden cable)	651.96
AKL1	PDA200E 200m ² Lecture room loop kit (PDA200E amplifier; AMT tie/desk microphone; AML lectern microphone; 2 x APJ outreach plates; 2 x 6m Belden cable)	323.01
AKT1	PDA200E 200m ² TV / music lounge loop kit (PDA200E amplifier; AMP professional handheld microphone; APS scart to double phono lead; APXM outreach plate; APL outreach plate; AL5 XLRM to XLRF balanced lead; 2 x 6m Belden cable)	571.89
AKR1	PDA200E 200m ² Waiting room loop kit (PDA200E amplifier; APL outreach plate; 6m Belden cable)	241.85
AKW1	PDA200E 200m ² Place of worship loop kit c/w fixed lectern microphone (PDA200E amplifier; AML lectern microphone; APJ outreach plate; APL outreach plate; 2 x 6m Belden cable)	334.15
AKW2/L	PDA200E 200m ² Place of worship loop kit c/w levalier radio microphone (PDA200E amplifier; AMR/LA lavalier radio microphone; APXM outreach plate, APJ outreach plate; AL13 6.35mm jack lead; AL6 3.5mm to 6.35mm convertor plug; 2 x 6m Belden cable)	781.50
AKW2/H	PDA200E 200m ² Place of worship loop kit c/w handheld radio microphone (PDA200E amplifier; AMR/HA handheld radio microphone; APXM outreach plate, APJ outreach plate; AL13 6.35mm jack lead; AL6 3.5mm to 6.35mm convertor plug; 2 x 6m Belden cable)	781.50
AKH1/L	PDA200E 200m ² Health and fitness club loop kit c/w levalier radio microphone (PDA200E amplifier; AMR/LA lavalier radio microphone; APQM outreach plate, APL outreach plate; AL13 6.35mm jack lead; AL6 3.5mm to 6.35mm convertor plug; 2 x 6m Belden cable)	779.42

Loop cable is not included in our 'AK' range kits. Use either 1mm2 single core cable such as C-TEC's LOOP2/W cable. Alternatively for more precise recommendations, download our free AFILS loop cable calculator at www.c-tec.com



AK RANGE HEARING LOOP KITS

Hearing Loop Systems



PDA200, 500 & 1000 HEARING LOOP AMPLIFIERS

Order Code	Description	Trade £
PDA200/2	200m ² free-standing hearing loop amplifier	309.18
PDA500/2	500m ² free-standing hearing loop amplifier	420.01
PDA1000/2	1000m ² free-standing hearing loop amplifier	498.42
PDA/RM	19" rack mount kit for PDA-PRO RANGE amplifier	29.61
PDA/WM	Wall mount kit for PDA-PRO RANGE amplifier	21.47



PDA200/2

PDA/S (200m² to 1000m²) HEARING LOOP AMPLIFIERS - available 2020

Order Code	Description	Trade £
PDA5/SD	200m ² free-standing PDA/S hearing loop amplifier, 4.75A	424.28
PDA5/SW	200m ² wall-mounting PDA/S hearing loop amplifier, 4.75A	464.06
PDA7/SD	500m ² free-standing PDA/S hearing loop amplifier, 7.5A	453.25
PDA7/SW	500m ² wall-mounting PDA/S hearing loop amplifier, 7.5A	492.96
PDA11/SD	1000m ² free-standing PDA/S hearing loop amplifier, 11A	465.90
PDA11/SW	1000m ² wall-mounting PDA/S hearing loop amplifier, 11A	505.68



PDA5/SW

PDA5/SD

DLR PHASE SHIFTING DUAL HEARING LOOP AMPLIFIER KITS

Order Code	Description	Trade £
DLR5	4U rack with dual hearing loop amplifiers, for areas up to 200m ² c/w phase shifter, XLR mic and dual phone inputs	1580.80
DLR7	4U rack with dual Hearing loop amplifiers, for areas up to 500m ² c/w phase shifter, XLR mic and dual phone inputs	1772.58
DLR9	4U rack with dual Hearing loop amplifiers, for areas up to 1000m ² c/w phase shifter, XLR mic and dual phone inputs	1938.41



DLR/7

PDA/D PHASE SHIFTING DUAL HEARING LOOP AMPLIFIER KITS - available 2020

Order Code	Description	Trade £
PDA5/DD	200m ² free-standing PDA/D phased-shifting hearing loop amplifier, 2 x 3.25A	616.96
PDA5/DW	200m ² wall-mounting PDA/D phased-shifting hearing loop amplifier, 2 x 3.25A	670.03
PDA7/DD	500m ² free-standing PDA/D phased-shifting hearing loop amplifier, 2 x 5A	666.84
PDA7/DW	500m ² wall-mounting PDA/D phased-shifting hearing loop amplifier, 2 x 5A	719.91
PDA11/DD	1000m ² free-standing PDA/D phased-shifting hearing loop amplifier, 2 x 7.5A	831.09
PDA11/DW	1000m ² wall-mounting PDA/D phased-shifting hearing loop amplifier, 2 x 7.5A	884.15



PDA5/DW

PDA5/DD

Hearing Loop Systems



PDA RANGE OUTREACH PLATE AUDIO INPUT EXTENSION SYSTEM

Can be used to increase the number of audio inputs on a compatible hearing loop system (ML1, PDA103, PDA200E and PDA-PRO)
A separate 12V PSU may be required when connecting plates to other amplifiers. Wire plates with Belden 8723 audio cable.

Order Code	Description	Trade £
APJ	3.5mm mono jack plate (takes AMT, AMH, AML or AMD mics)	39.04
APL	Line level audio plate (takes APS SCART lead/other line level audio feeds)	39.04
APQM	6.35mm stereo jack plate (takes AMR/L & AMR/H radio microphone kit)	39.04
APQL	6.35mm stereo jack plate (takes line level feeds from mixing desks, etc)	39.04
APXM	XLR mic level plate (takes AMP microphone)	39.04
APXL	XLR line level plate (takes line level feeds from mixing desks, etc)	39.04
APM	Omni-directional plated microphone. Wall, ceiling or desk mountable	39.04
APXO	XLR balanced line o/p plate (connects Outreach chain to 3rd-party equipment)	59.98
API	AFILS active indicator light	39.04
APXM/M	Mini-Mixer Plate (double gang plate combining APXM and APL)	68.98
BELDEN/10	10m Belden 8723 four core screened cable for use with outreach plates	20.66
BELDEN/25	25m Belden 8723 four core screened cable for use with outreach plates	51.63
BELDEN/50	50m Belden 8723 four core screened cable for use with outreach plates	121.50

PDA RANGE MICROPHONES

Order Code	Description	Trade £
APM	Omni-directional plated microphone. Wall, ceiling or desk mountable (For direct connection to ML1, PDA103, PDA200E, PDA-PRO or outreach chain)	39.04
AMC	Cardiod ambient ceiling mic. for connection to APXM plate	117.05
AMT	Tie/desk mic. for ML1, PDA103, PDA200E, PL1, PDA-PRO or APJ plate	5.57
AML	Lectern mic. for ML1, PDA103, PDA200E, PL1, PDA-PRO or APJ plate	39.78
AMLS	Lectern mic. (short stemmed version of AML)	39.78
AMD	Desktop mic. for ML1, PDA103, PDA200E, PL1, PDA-PRO or APJ plate	55.69
AMDS	Desktop mic. (short stemmed version of AMD)	55.69
AMD/P	Desktop mic. (push to talk)	155.74
AMP	Professional handheld mic. for PDA200E or APXM plate, requires AXLR lead	225.79
AMR/LA	Lavalier radio mic. kit c/w Rx, Tx & PSU for PDA200E or APQM plate	390.21
AMR/HA	Handheld radio mic. c/w c/w Rx, Tx & PSU for PDA200E or APQM plate	390.21
PRO45	Hanging ambient mic. for PDA-PRO Range or APXM plate	281.10

HEARING LOOP TEST EQUIPMENT

Order Code	Description	Trade £
FPROK1	FosMeter-Pro Hearing Loop Test Kit c/w Tester, Signal Generator & headphones	512.07
FPROSG	Calibrated Audio Signal Generator c/w test tones (requires AL3 or AL14 lead)	234.44
RXTI2	Hearing loop listener, requires 2 x AAA batteries & headphones	62.96



APM



APXM



APL



APXL



APJ



APXM/M



APQM



APXO



APQL



API



AMD



AMP



FPROK1

Hearing Loop Systems



CONNECTION LEADS

Order Code	Description	Trade £
AL1	3.5mm jack to 3.5mm jack lead	10.10
AL2	3.5mm jack to double phono lead	8.04
AL3	3.5mm jack to bare ended lead (connects FPROSG to PDA103, ML1, PDA200E)	8.04
AL4	XLRM to 6.35mm mono jack lead	59.96
AL5	XLRM to XLRF balanced lead	20.47
AL6	3.5mm to 6.35mm convertor plug	3.43
AL7	2.5mm Power plug 1.8m lead	9.79
AL8	Fused car lighter PSU	7.84
AL9	3.5mm Stereo jack plug 2m lead	3.22
AL12	3.5mm plug to 6.35mm jack socket	2.71
AL14	Male XLRM to 3.5mm jack lead (connects FPROSG to PDA-PRO)	8.42
AL15	Stereo to unbalanced mini jack lead (connects SigGen To DLR kits)	POA
AXLR	XLR to XLR lead (used to connect AMP mic to APXM outreach plate)	13.02



APS

HEARING LOOP CABLE

Order Code	Description	Trade £
LOOP1/W	100m x 0.5mm ² single core white loop cable	55.94
LOOP2/W	100m x 1.0mm ² single core white loop cable	81.66
LOOP3/W	100m x 1.5mm ² single core white loop cable	58.52
LOOP4/W	100m x 2.5mm ² single core white loop cable	124.37
FLAT2005	100m x 1.0 mm ² insulated copper tape (flat loop cable for under carpets)	148.84
FLAT3005	100m x 1.5mm ² insulated copper tape (flat loop cable for under carpets)	167.43
FLAT4005	100m x 2.5mm ² insulated copper tape (flat loop cable for under carpets)	194.34
TAPE/P	50m printed hearing loop foil loop tape	37.94

Note loop cable is included in ML1/K & PDA103 hearing loop kits.

LOOP2/W



FLAT2005

MISCELLANEOUS HEARING LOOP EQUIPMENT

Order Code	Description	Trade £
APT	Loop connector plate (for the termination of hearing loop cable)	39.04
LEST	100V line (i.e PA system output) to 0db (775mV line level) convertor	31.08
APPS	Overspill reduction phase shifter	108.17
TEAR-P	Spare 'AFILS available' sticker	1.59
TEAR10	Pack of 10 self-adhesive 'hearing loop fitted' stickers	9.76
TEARA4	Large 'AFILS available' sign (A4)	9.87

TRAINING & SEMINARS

C-TEC is renowned for delivering some of the best product training and CPD (Continuing Professional Development) legislation awareness courses in the life safety industry.

Held at our headquarters in Wigan, all sessions include lunch and refreshments. Off-site courses can also be arranged for CPD members and/or qualifying customers (minimum 6 delegates).

All delegates are presented with an attendance and/or competency certificate on successful completion of a course.

Look out for our new online webinars - sign up for our ebulletin at **www.c-tec.com** to be kept informed!

**Contact our
marketing
department on
01942 322744
or complete our online
training request form at
www.c-tec.com**



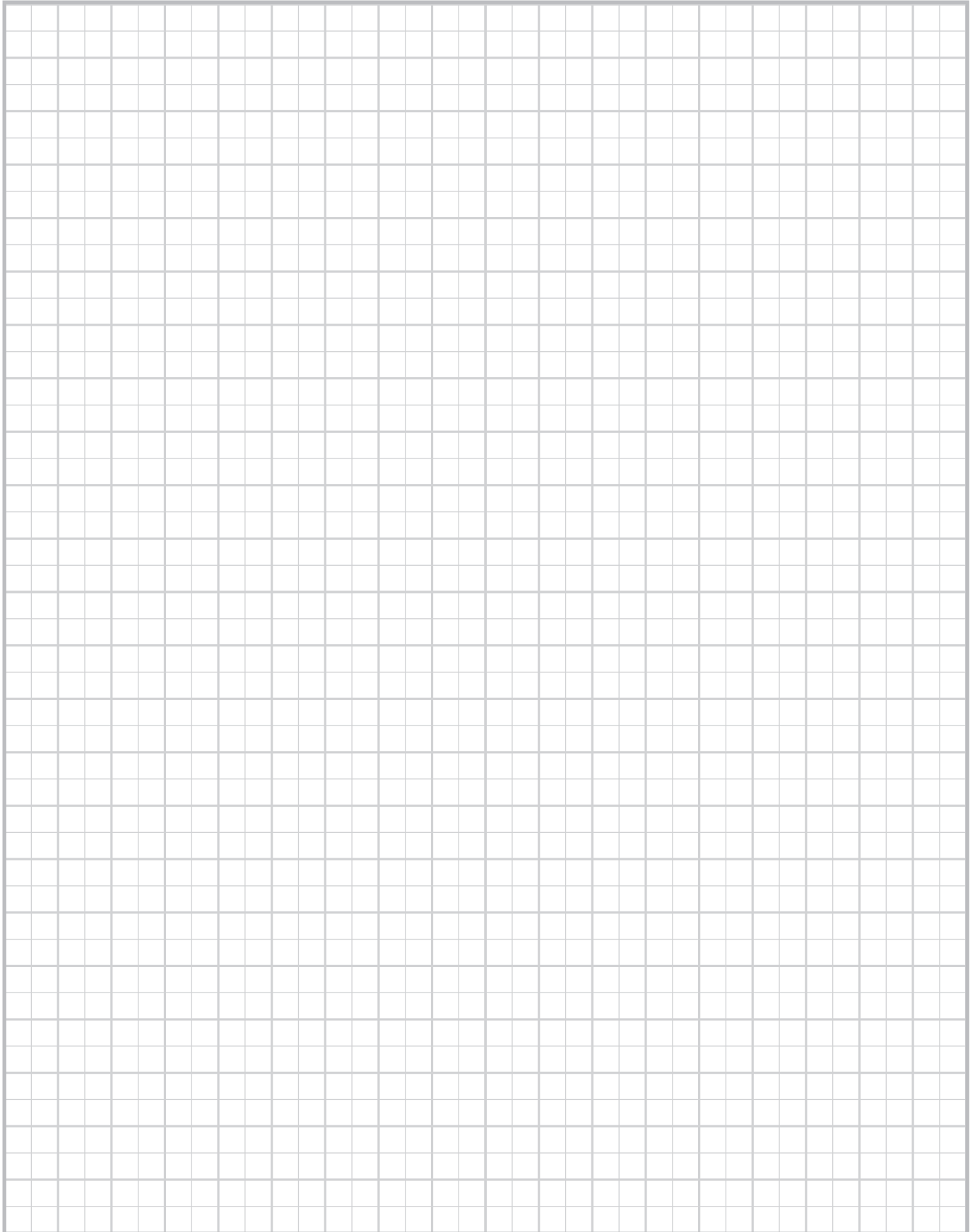
PRODUCT INSTALLATION & COMMISSIONING COURSES

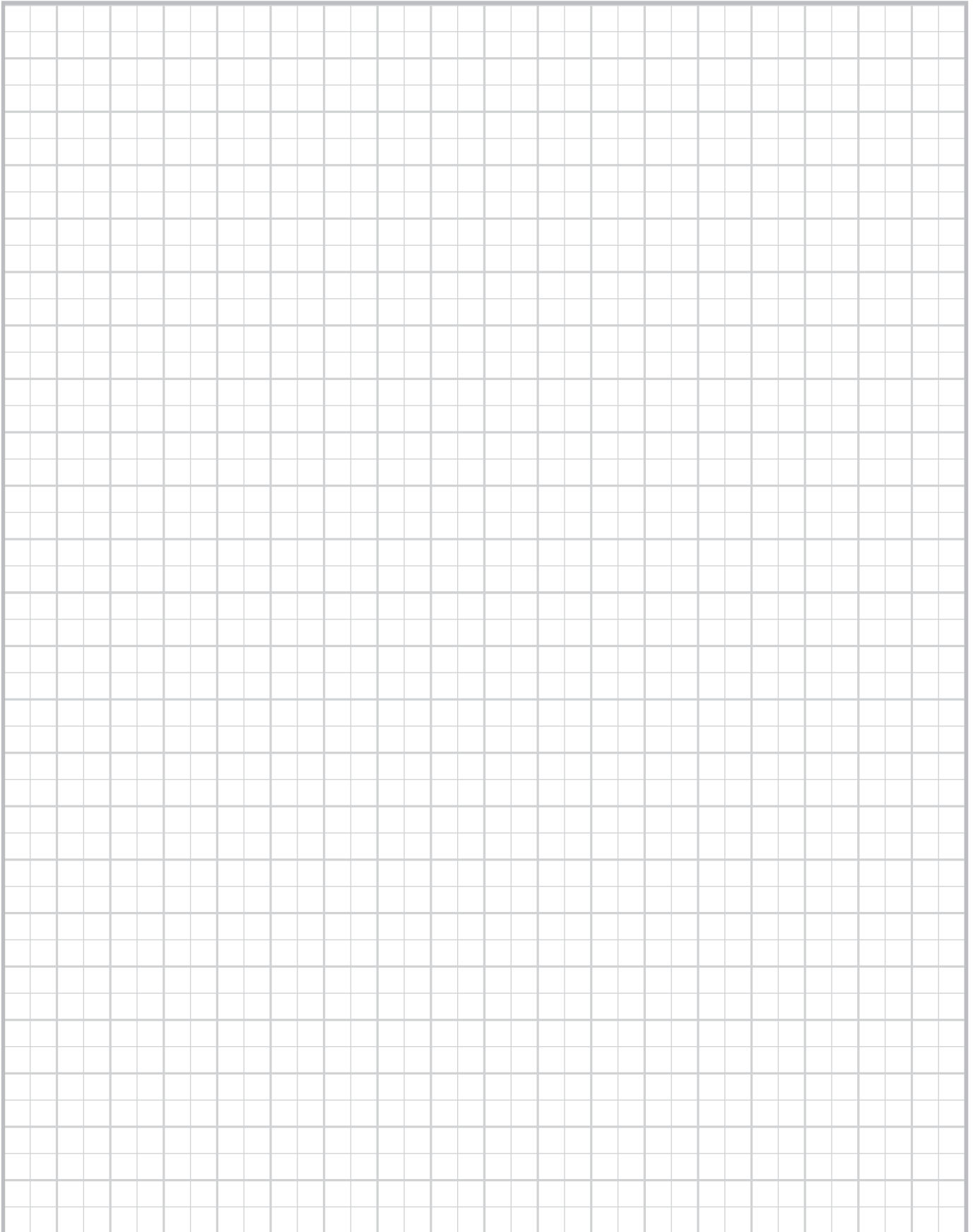
- **XFP** Addressable Fire Panels
- **ZFP** Touchscreen-Controlled Addressable Fire Panels
- **C-TEC CAST** Protocol Addressable Fire Alarm Systems
- **CFP** Conventional Fire Alarm Systems
- **Quantec** Addressable Call Systems
- The **PDA Range** of Hearing Loop Systems
- **SigTEL** Disabled Refuge & Fire Telephone Systems

CPD CERTIFIED LEGISLATION AWARENESS COURSES

- Fire Alarm Systems: A Brief History and the Current State of the Industry (1 Hour CPD)
- Fire Alarm Systems for Purpose Built Flats & Apartments – a new approach (1 Hour CPD)
- A Guide to BS5839-6 2019 Domestic Fire Alarm Systems (1 Hour CPD)
- EN54-23 Visual Alarm Devices Simplified (1 Hour CPD)
- Hearing Assistance Solutions -The Route to Equality Act Compliance (1 Hour CPD)









You're Safe with C-TEC

www.c-tec.com

C-TEC, Challenge Way, Martland Park, Wigan, WN5 0LD United Kingdom

T: 01942 322744 F: 01942 829867 E: sales@c-tec.co.uk

