

LPCB

This is to Certify

CRANFORD CONTROLS LTD

Unit 2 Waterbrook Estate, Waterbrook Road, Alton, Hampshire, GU34 2UD

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

**Vantage VTG-32E-SB Sounder, Vantage VTG-32E-DB Sounder,
Viper VPR-DT Sounder and VSO-32E Sounder**

which have complied with the requirements of the following:

EN54-3: 2001 + A1: 2002 + A2: 2006

Certificate No: 546a

Issue Number: 10

Date of Issue: 19 November 2012

Signed for and on behalf of LPCB



E MATTIE-SULEIMAN



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Appendix to Certificate

Certificate No: 546a

CRANFORD CONTROLS LTD

Certified Products

LPCB Ref. No.

VTG-32E-SB Conventional indoor Type A sounder

546a/01

- Notes:
1. The sounder is approved in red and white colours (-R and -W suffixes)
 2. Certified to EN54-3: 2001 with the following selectable tones:
 - 1 – LF Sweep frequency (800-1000Hz in 0.5sec)
 - 25 – German DIN tone Sweep (1200-500Hz @ 1Hz)
 - 27 – French tone AFNOR (554Hz for 100ms and 440Hz for 400ms)
 - 2nd Stage tone for all above (800Hz continuous tone)
 - 11 – 2nd Stage, Dutch sweep tone (500-1200Hz for 3.5s on, 0.5s off)

VTG-32E-DB Conventional outdoor Type B sounder

546a/01

- Notes:
1. The sounder is approved in red and white colours (-R and -W suffixes)
 2. Certified to EN54-3: 2001 with the following selectable tones:
 - 1 – LF Sweep frequency (800-1000Hz in 0.5sec)
 - 25 – German DIN tone Sweep (1200-500Hz @ 1Hz)
 - 27 – French tone AFNOR (554Hz for 100ms and 440Hz for 400ms)
 - 2nd Stage tone for all above (800Hz continuous tone)
 - 11 – 2nd Stage, Dutch sweep tone (500-1200Hz for 3.5s on, 0.5s off)

For details of Cross-Listed products and alternative branding please see page 4.

Appendix Issue No: 10

Page: 2 of 4

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Appendix to Certificate

Certificate No: 546a

CRANFORD CONTROLS LTD

Certified Products

LPCB Ref. No.

VPR-DT Conventional outdoor Type B sounder
(116-100 mounting base)

546a/02

- Notes:
1. Certified to EN 54-3: 2001 with the following selectable tones:
1 – Evacuate Tone (500-1200Hz Rising Sweep over 3.5 Sec 0.5 Sec off)
2 – Alert Tone (970Hz Continuous Tone)
 2. Certified at Maximum Volume only

VSO-32E Conventional indoor Type A sounder base

546a/04

- Notes:
1. Also approved in Off-white, Ivory and Alternative white (–O, –I, and –A suffixes)
 2. Meets the requirements of EN 54-3 at the following tone settings on low, medium and high volume settings:
1 – LF Sweep (Cranford sweep) (800-1000Hz @ 0.5 Sec)
3 – Alternative Warble (800-1000Hz @ 0.5 Sec)
11 – Dutch Sweep Tone (970Hz Cont)
25 – German DIN Tone (Sweep 1200-500Hz @ 1Hz)
27 – French Tone AFNOR (554Hz 100ms and 440Hz for 400 ms)
 3. Cover plate (Part No. 116-099) must be used.

Bases

116-100 Viper Mounting Base

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Appendix Issue No: 10

Page: 3 of 4

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Appendix to Certificate

Certificate No: 546a

CRANFORD CONTROLS LTD

ALTERNATIVE MODEL NUMBERS AND LABELLING

LPCB Ref. No.	Model No.	Alternative Model No.	Labelled	Distributor's Cert /Ref. No.
546a/01	VTG-32E-SB-R	EVTG-32E-SB-R	Eurotech*	546a-(cl-1)
546a/01	VTG-32E-SB-W	EVTG-32E-SB-W	Eurotech*	546a-(cl-1)
546a/01	VTG-32E-DB-R	EVTG-32E-DB-R	Eurotech*	546a-(cl-1)
546a/01	VTG-32E-DB-W	EVTG-32E-DB-W	Eurotech*	546a-(cl-1)
546a/01	VTG-32E-DB-W	FF ES150-VTG-DB-W	Finder Elektronik A.S	546a-(cl-2)
546a/01	VTG-32E-DB-W	FF ES150-VTG-DB-R	Finder Elektronik A.S	546a-(cl-2)
546a/01	VTG-32E-SB-W	FF ES150-VTG-SB-W	Finder Elektronik A.S	546a-(cl-2)
546a/01	VTG-32E-SB-W	FF ES150-VTG-SB-R	Finder Elektronik A.S	546a-(cl-2)
546a/02	VPR-DT	AS276	GE Security	
546a/04	VSO-32E	EVSO-32E-W	Eurotech*	546a-(cl-1)
546a/04	VSO-32E-A	EVSO-32E-EW	Eurotech*	546a-(cl-1)
564a/01	VSO-32E-W	200/FBRI/SOUW	Labor Strauss Sicherungsanlagenbau Ges.m.b.H	546a-(cl-3)

* Eurotech Fire Systems Ltd.

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