

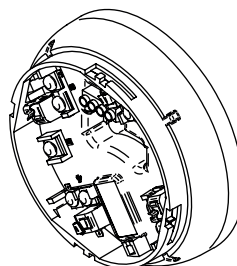
BiWire Ultra range:



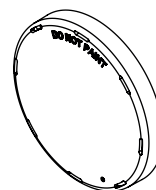
0359-CPR-00420

Compliance EN54-3; EN54-23:2010

Sounder/beacon base
Sounder base



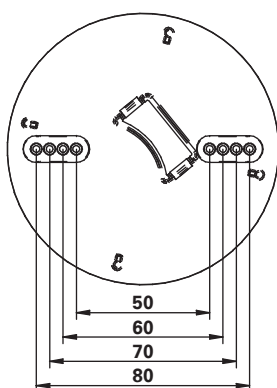
Cover for sounder base
& sounder/beacon base


Table 1. Specification

Feature	Value
Supply voltage (alarm)	25.5~35 Vdc
Supply voltage (standby)	18~25.5 Vdc
Cable size/type	0.5~2.5mm ² /FIRETUF, FP200 or MICC
Standby current (BiWire mode)	<15µA
Current (high volume)	Sdr only = 4.7mA, AV = 11mA
Current (low volume)	Sdr only = 2.6mA, AV = 8.7mA

Feature	Value
Sound output (high volume)	90 +/- 3dB(A) : All tones
Sound output (low volume)	80 +/- 3dB(A) : All tones
Operating temperature	-10 to +55°C (93% ± 3%RH)
Material	ABS/PC FR plastic
Environmental category	Type A= IP21C
Tones	3, see section 7.
Flash rate	0.5Hz (N/A to FXN5021BWS, EF5021BWS)
Flash on period	60ms (N/A to FXN5021BWS, EF5021BWS)

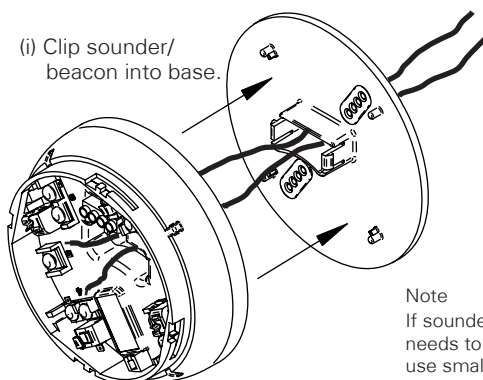
1. Mounting base



- (i) Knock out the required fixing holes.
- (ii) Fix to mounting surface using two suitable screws.
- (iii) Please ensure all cable entry points are sealed appropriately.

Note
If the base deforms on an uneven surface, loosen the screws or move to a flatter position.

2. Sounder/beacon assembly

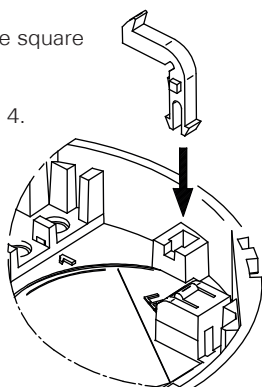


Note
If sounder/beacon needs to be removed, use small screwdriver to unclip.

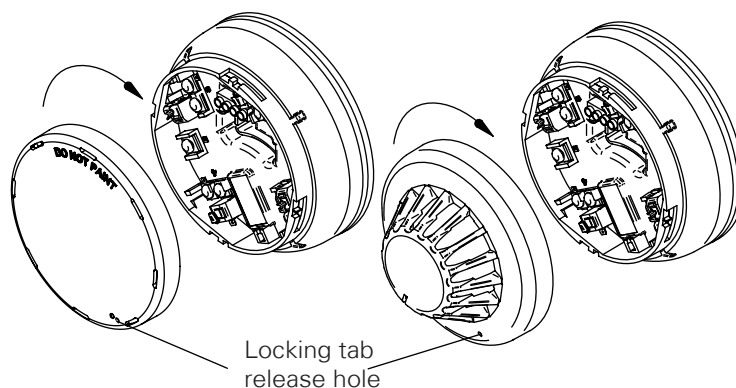
3. Locking tab (optional)

- (i) Fit the locking tab into the square hole on the sounder.
- (ii) Finish assembly as stage 4.

- (iii) Remove by inserting a suitable tool (eg thin screwdriver) into the hole in the detector or cover, then rotate detector or cover anti-clockwise.



4. Fitting the cover or detector

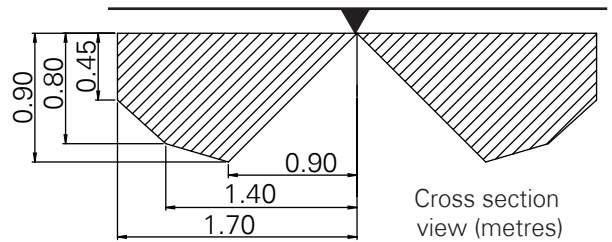
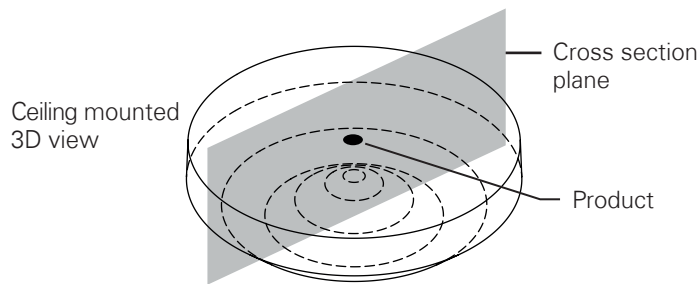


Technical data

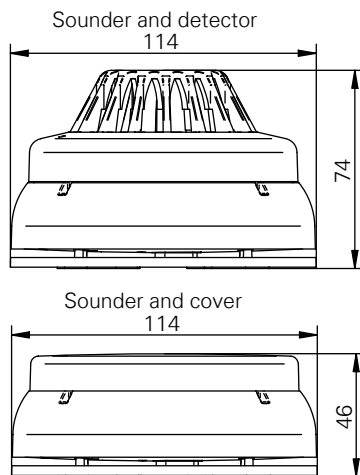
Effective September 2014

FXN5021BWSB/EF5021BWSB
FXN5021BWS/EF5021BWS
FXN538COV/EF538COV

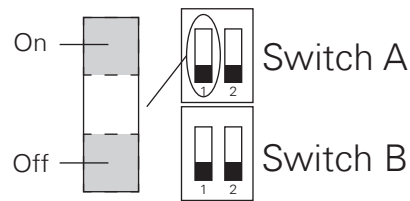
5. VAD coverage area



6. Dimensions



7. Switch position meaning



1 Switch A

Tones:

Continuous: 1=On, 2=On (910Hz)

Bell: 1=Off, 2=On (1440Hz)

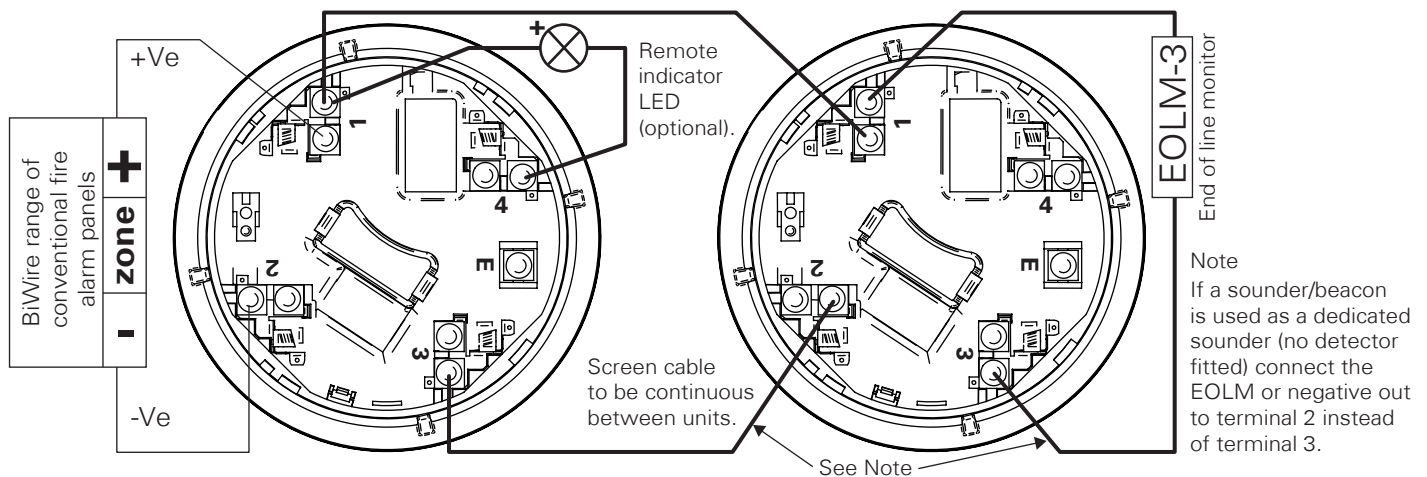
Alternating: 1=On, 2=Off (610/910Hz)

Switch B

1, Volume high (Off)/low (On)

2, Sounder on/off (AV only)

8. Connection details



Manufactured by

Cooper Lighting and Safety Ltd.

Wheatley Hall Road
Doncaster
South Yorkshire
DN2 4NB
United Kingdom
www.cooperfire.com

Technical

Tel: +44 (0)1302-303350
techsupport@cooperfire.com

Eaton Industries Manufacturing GmbH

Electrical Sector EMEA
Route de la Longeraie 7
1110 Morges, Switzerland
Eaton.eu