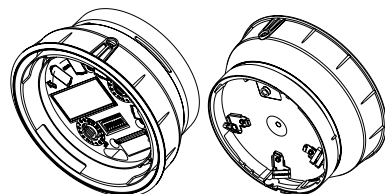


INSTALLATION INSTRUCTIONS FOR ADDRESSABLE DETECTOR BASE SOUNDER STROBE EN54-23 C CATEGORY.

MODEL - STANDARD DEVICE, C-3-8.5, O-1-3: NFXI-BSF-WCS

Standard Performance Detector Base Sounder Strobe
Red Flash, Pure White Body, Clear Lens, Isolation



GENERAL

(ENG) The range is used in analogue addressable fire alarm systems.

These devices must only be connected to control panels that use a compatible proprietary analogue addressable communication protocol. The Integrated Detector Base Sounder Strobe accepts a Series 200 Advanced detector. (Consult the panel instructions to confirm compatibility).

Note: if the control equipment is not capable of taking over 99 module addresses, a fault condition will be generated for every address over 99.

For isolator specification refer to document SP20-3249 available on request.

(FRE) La plage est utilisée dans les systèmes analogiques d'alarme incendie adressables. Ces dispositifs ne doivent être connectés qu'à des panneaux de commande qui utilisent un protocole de communication adressable analogique exclusif compatible. Le résonateur de base de détecteur intégré accepte un détecteur avancé de la série 200. (Consultez les instructions du panneau pour confirmer la compatibilité.)

Remarque : si l'équipement de commande n'est pas capable d'accepter plus de 99 adresses de modules, une situation de défaut sera générée pour chaque adresse au-dessus de 99. Pour connaître les caractéristiques de l'isolateur, reportez-vous au document SP20-3249 disponible sur demande.

(GER) Diese Produktgruppe wird in analogen adressierbaren Feueralarmsystemen verwendet.

Diese Geräte dürfen nur mit Steuertafeln verbunden werden, die ein kompatibles proprietäres analoges adressierbares Kommunikationsprotokoll verwenden. Der Integrated Detector Base Sounder nimmt einen Detektor der Reihe „200 Advanced“ auf. (Prüfen Sie die Kompatibilität in den Anweisungen zur Steuertafel.) Hinweis: Ist das Steuergerät nicht in der Lage, mehr als 99 Moduladressen zu verarbeiten, wird bei jeder Adresse, die diese 99 überschreitet, ein Fehlerzustand erstellt.

Die Isolatorspezifikation finden Sie im Dokument SP20-3249, das auf Anfrage zur Verfügung steht.

(ITA) La gamma è utilizzata in sistemi antincendio analogici e indirizzabili.

Questi dispositivi devono essere collegati unicamente a pannelli di controllo compatibili.

La sirena con rilevatore integrato accetta un rilevatore della serie 200 Advanced. (Consultare le istruzioni relative al pannello per confermare la compatibilità).

Nota: se l'apparecchiatura di controllo non riesce a gestire oltre 99 indirizzi del modulo, si genererà una condizione di guasto per ogni indirizzo successivo al 99.

Per le specifiche dell'isolatore fare riferimento al documento SP20-3249 disponibile su richiesta.

(SPA) El alcance se utiliza en sistemas direccionables analógicos de alarma de incendios.

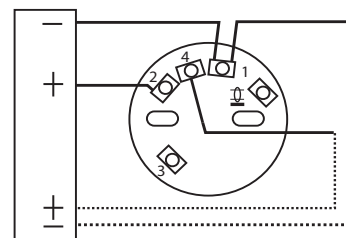
Estos dispositivos solo deben conectarse a paneles de control que utilicen un protocolo de comunicación direccionable analógico compatible y propio. La sirena base con detector integrado admite un detector avanzado de la serie 200. (Consulte las instrucciones del panel para confirmar la compatibilidad).

Nota: Si el equipo de control no es capaz de tomar más de 99 direcciones de módulo, se generará un fallo por cada dirección que supere a la dirección 99.

Para conocer las especificaciones del aislante, consulte el documento SP20-3249 (disponible previa solicitud).

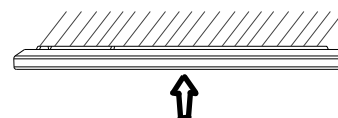
| | | | | |
|---|--------------------------------|----------------------------|------------------------------------|-----------------------|
| V (isolation) | 15 to 29VDC (24VDC typical) | (flash rate) | 0.5 & 1Hz | DIMENSIONS |
| I (max) @24V Standard Output Legacy Output | 25mA 14mA | (standby mode) | 150uA | |
| P (max) Standard Output Legacy Output | 590mW 330mW | °C (operating temperature) | -10°C to +55°C | |
| EN54-3 (sound output) (High Volume Tone 8 @24V) | 95dB(A) ± 3dB | % (humidity) | up to 93% (± 3%) non condensing | |
| (terminal size) | 2.5mm ² maximum | | | |

TERMINAL CONNECTIONS

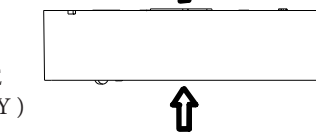


INSTALLATION

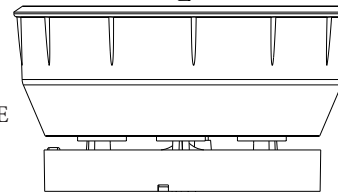
IP21C
SEAL -



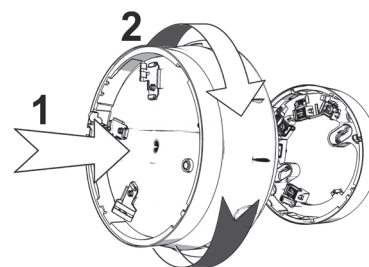
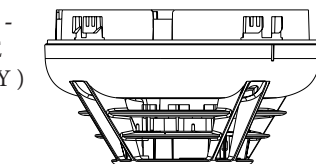
B501AP
BASE
(PURCHASE
SEPARATELY)



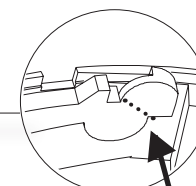
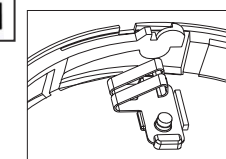
SOUNDER
STROBE -
(TO
CONFIGURE
REFER TO
TABLE 2)



DETECTOR -
(PURCHASE
SEPARATELY)



ANTI TAMPER LOCK



ENG IMPORTANT: Clean cut the tag. Do not deform the plastic.
FRE IMPORTANT: Coupez proprement la plaque. Ne déformez pas le plastique.

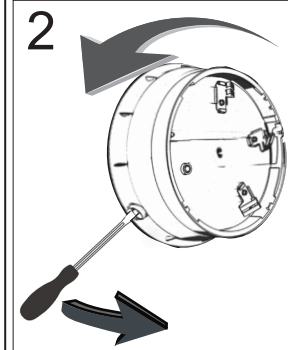
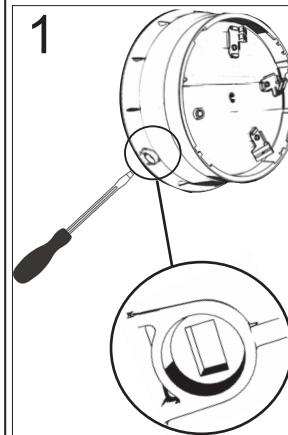
GER WICHTIG: Schneiden Sie die Kunststoffzunge ab. Verformen Sie dabei nicht den Kunststoff.

ITA IMPORTANTE: Tagliare di netto la targhetta

SPA IMPORTANTE: Corte la etiqueta. No deforme el plástico.



ANTI TAMPER RELEASE



(ENG) IMPORTANT: Follow the instruction strictly:

- 1) Insert a flat screwdriver
- 2) Lever the screwdriver down and twist the device anticlockwise.
- 3) Remove the screwdriver to unlock the device.

(FRE) IMPORTANT: Suivez strictement les instructions :
1) Insérez un tournevis plat
2) Faites descendre le tournevis et tournez le dispositif dans le sens inverse des aiguilles d'une montre.
3) Retirez le tournevis pour déverrouiller l'appareil.

(GER) WICHTIG: Folgen Sie genau den Anweisungen:

- 1) Führen Sie einen flachen Schraubendreher ein.
- 2) Drücken Sie den Schraubendreher nach unten und drehen Sie den Melder entgegen dem Uhrzeigersinn.
- 3) Entfernen Sie den Schraubendreher um den Melder zu entfernen.

(ITA) IMPORTANTE: Seguire interamente le istruzioni:
1) Inserire un cacciavite a punta piatta

- 2) Fare leva con il cacciavite verso il basso e ruotare il dispositivo in verso antiorario
- 3) Rimuovere il cacciavite per liberare il dispositivo

(SPA) IMPORTANTE: Siga las instrucciones estrictamente:

- 1) Inserte un destornillador plano
- 2) Coloque el destornillador hacia abajo y gire el dispositivo en sentido antihorario.
- 3) Retire el destornillador para desbloquear el dispositivo.

ENG For a full video on how to release the anti-tamper feature, please check:

FRE Pour une vidéo complète sur la manière de libérer le dispositif anti-fraude, veuillez consulter :

GER Für eine vollständige Videoanleitung um die Entnahmesicherung zu deaktivieren, prüfen Sie bitte:

ITA Per un video integrale su come rimuovere l'elemento anti-manomissione, cortesemente controllare:

SPA Para obtener un video completo sobre cómo liberar la función anti manipulación, visite:

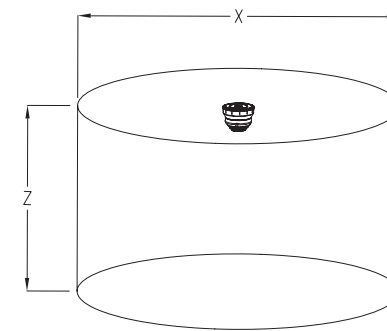
<https://www.kac.co.uk/resources/accessories-guides>

Table 1 - VERSION 1

| DIP setting Paramètre DIP DIP-Schaltereinstellung Impostazione DIP Configuración DIP SW 1,2,3,4,5 O=Off/1=On | No | Pattern Type Muster Schema Patrón | Nominal Frequency Fréquence nominale Nennfrequenz Frequenza nominale Frecuencia nominal | Max consumption (mA, RMS) Consumption max. (mA, RMS) Maximalverbrauch (mA, RMS) Consumo medio (mA, RMS) Consumo máximo (mA, RMS) | Switching Frequency Fréquence de commutation Frequenzwechsel Frequenza di commutazione Frecuencia de conmutación | Description Description Beschreibung Descrizione Descripción | Market Marché Markt Mercato Mercado | Standard Standard Standard Norma Norma | 2nd Stage Tone Tonalité de 2ème niveau Ton der zweiten Stufe Tono di seconda fase Tono de 2.ª fase | Typical Sound Output (dB) Sortie sonore type (dB) Typische Tonausgabe (dB) Uscita audio tipica (dB) Salida de sonido típico (dB) | | |
|--|----|---|---|--|--|---|---|--|--|--|--------|-------|
| | | | | Volume | Volume | | | | | Volume | Volume | |
| 0,0,0,0,0 | 1 | Alternating | 525/440 | 19.89 | 14.43 | 2Hz (100ms/400ms) | French Fire Sound AFNOR | France | NFS 32-001 | 7 | 95.35 | 81.7 |
| 1,0,0,0,0 | 2 | Alternating | 800/922 | 18.28 | 14.68 | 1Hz | | UK | BS5839 Pt1 | 8 | 95.39 | 86.4 |
| 0,1,0,0,0 | 3 | Alternating | 800/922 | 18.28 | 14.68 | 2Hz | Alternating tone telecoms | UK | BS5839 Pt1, FP1063.1 | 8 | 95.39 | 86.4 |
| 1,1,0,0,0 | 4 | Alternating | 2400/2900 | 18.47 | 15.24 | 3Hz | Alternating High Frequency | | | 10 | 90.8 | 83.87 |
| 0,0,1,0,0 | 5 | Alternating | 2500/3100 | 24.53 | 15.11 | 2Hz | Security Alarm | | | 10 | 96.99 | 82.73 |
| 1,0,1,0,0 | 6 | Alternating | 988/645 | 19.7 | 14.77 | 2Hz | | | | 8 | 97.38 | 86.23 |
| 0,1,1,0,0 | 7 | Continuous | 630 | 19.51 | 14.25 | | All clear | Sweden | | 1 | 96.6 | 83.29 |
| 1,1,1,0,0 | 8 | Continuous | 922 | 18.4 | 14.71 | | | | BS 5839 Pt 1 | 2 | 95.39 | 86.79 |
| 0,0,0,1,0 | 9 | Continuous | 1200 | 19.48 | 14.27 | | | | | 2 | 97.39 | 86.79 |
| 1,0,0,1,0 | 10 | Continuous | 2810 | 18.74 | 15.03 | | HF Continuous | | | 4 | 91.22 | 85.32 |
| 0,1,0,1,0 | 11 | Sweep | 150-1000 | 19.93 | 14.52 | Rising from 150Hz to 1000Hz in 10 seconds, then 40 seconds at 1000Hz, then falling from 1000Hz to 150Hz in 10 seconds, then 20 seconds at 150Hz, then repeating. Total period 80 seconds. | "Gasalarm" Tone | | | 22 | 93.82 | 81.67 |
| 1,1,0,1,0 | 12 | Intermittent | 420 | 19.29 | 14.08 | 0.625s on, 0.625 sec off | AS2220 alert tone | NZ, Aus | AS2220 | 13 | 96.56 | 82.04 |
| 0,0,1,1,0 | 13 | Sweep | 500-1200 | 19.12 | 14.06 | 0.25 sec off, 3.75 sec on | AS2220 evacuate tone | NZ, Aus | AS2220 | 12 | 97.5 | 83.81 |
| 1,0,1,1,0 | 14 | Intermittent | 630 | 19.51 | 14.25 | 3.33Hz 150ms on, 150ms off | Swedish alarm tone | Sweden | | 7 | 96.6 | 83.29 |
| 0,1,1,1,0 | 15 | Intermittent | 922 | 18.4 | 14.71 | 0.8Hz 0.25s on, 1s off | Intermittent Tone | UK | BS 5839 Pt 1 | 8 | 95.39 | 86.79 |
| 1,1,1,1,0 | 16 | Intermittent | 922 | 18.4 | 14.71 | 0.5Hz 1s on, 1s off | Back up alarm LF & BS5839 Pt 1 | UK | BS5839 Pt 1 | 8 | 95.39 | 86.79 |
| 0,0,0,0,1 | 17 | Intermittent | 2810 | 18.74 | 15.03 | 1Hz | Back up alarm HF & BS5839 Pt 1 2nd tone | UK | BS5839 Pt 1 | 10 | 91.22 | 85.32 |
| 1,0,0,0,1 | 18 | Intermittent | 922 | 18.4 | 14.71 | 1Hz 500ms on, 500ms off | LF BS5839 Pt 1 | UK | BS5839 Pt 1 | 8 | 95.39 | 86.79 |
| 0,1,0,0,1 | 19 | Intermittent | 950 | 19.64 | 14.55 | 0.22Hz (0.5s on, 0.5s off) rpx3, 1.5s off | | Australia | ISO8201 | 12 | 97 | 87.32 |
| 1,1,0,0,1 | 20 | Continuous | 800 | 18.03 | 13.93 | | | | BS 5839 Pt 1 | 22 | 94.83 | 79.75 |
| 0,0,1,0,1 | 21 | Sweep | 400-1200 | 18.67 | 14.29 | (0.5s on, 0.5s off)*3, 1.5s off | Temporal 3 Evacuation tone | Australia | ISO8201 Temporal 3 | 12 | 95.21 | 81.14 |
| 1,0,1,0,1 | 22 | Sweep | 1200 - 500 | 18.98 | 13.97 | 0.99Hz 1s on, 0.01s off | Evacuate, DIN tone & PFEER | Germany | DIN, PFEER | 20 | 96.4 | 82.86 |
| 0,1,1,0,1 | 23 | Sweep | 2400 - 2850 | 18.47 | 15.24 | 7Hz | Fast sweep VdS | Germany | VdS | 10 | 90.8 | 83.87 |
| 1,1,1,0,1 | 24 | Sweep | 500 - 1200 | 18.98 | 15.19 | (0.5s off, 3.5s on) | Slow whoop evacuate Netherlands | Netherlands | NEN 2575 | 8 | 96.75 | 84 |
| 0,0,0,1,1 | 25 | Sweep | 800 - 970 | 18.2 | 14.89 | 50Hz | LF Buzz BS5839 Pt 1 | UK | BS5839 Pt 1 | 8 | 95.24 | 85 |
| 1,0,0,1,1 | 26 | Sweep | 800 - 970 | 17.31 | 14.32 | 7Hz | Fast sweep LF BS5839 Pt 1 | UK | BS5839 Pt 1 | 8 | 94.6 | 83.15 |
| 0,1,0,1,1 | 27 | Sweep | 800 - 970 | 18.06 | 14.22 | 1Hz | Medium sweep LF, BS5839 Pt 1, VdS | UK, Germany | BS5839 Pt 1 VdS | 8 | 95.38 | 84.49 |
| 1,1,0,1,1 | 28 | Sweep | 2400 - 2850 | 18.47 | 15.24 | 50Hz | High frequency buzz | | | 10 | 90.8 | 83.87 |
| 0,0,1,1,1 | 29 | Sweep | 500 - 1000 | 18.13 | 14.06 | 7Hz | Fast whoop | | | 8 | 95.68 | 82.08 |
| 1,0,1,1,1 | 30 | Sweep | 500 - 1200 - 500 | 19.73 | 14.81 | 0.166Hz rise 1s, stable 4s, fall 1s | Siren style tone | | | 8 | 97.59 | 86.94 |
| 0,1,1,1,1 | 31 | Sweep | 800 - 1000 | 19.48 | 14.39 | 2Hz | | | | 8 | 97 | 86.95 |
| 1,1,1,1,1 | 32 | Sweep | 2400 - 2850 | 19.28 | 15.15 | 1Hz | | | | 10 | 92.19 | 85.63 |

Coverage data/ ceiling mount device example

| EN 54-23 | Led | V | Z (Max) | X (Max) | V (m ³) |
|-------------|-----|--------|---------|---------|---------------------|
| C - 3 - 8.5 | RED | 15-29V | 3m | 8.5m | 170 |
| O - 1 - 3 | RED | 15-29V | 1 | 3m | 7 |



Regulation (EC) No 1907/2006

According to Article 33 of REACH Regulation be informed that the substance listed below may be contained in these products above the threshold level of 0.1% by weight of the listed article.

| Product code | Substance Name | CAS Number |
|--------------|----------------|------------|
| | Lead | 7439-92-1 |

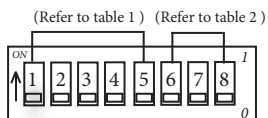


This symbol on our product shows a crossed-out "wheeled bin" as required by law regarding the Waste of Electrical and Electronic Equipment (WEEE) disposal. This indicates your responsibility to contribute in saving the environment by proper disposal of this Waste i.e. Do not dispose of this product with your other wastes.

To know the right disposal mechanism please check the applicable law

Sounder Output data, in accordance with EN54-3, is available on Document Ref: D 1154

Volume, coverage and frequency settings

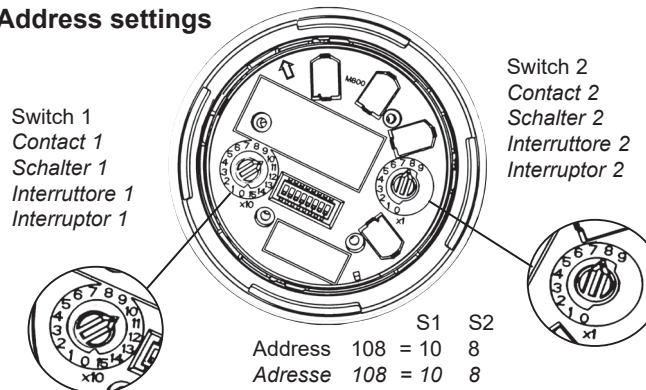


DIP setting 0=Off/1=On
Paramètre DIP 0=Désactivé/1=Activé
DIP-Schaltereinstellung
O=Aus/1=Ein
Impostazione DIP 0=Off/1=On
Configuración DIP
0=Desactivado/1=Activado

Table 2

| | ON | OFF |
|-----|------------|-----------------------|
| SW6 | LOW VOLUME | HIGH VOLUME |
| SW7 | N/A | not in use |
| SW8 | f | 1Hz (Open class only) |
| | | 0.5Hz |

Address settings



Switch 1
Contact 1
Schalter 1
Interruttore 1
Interruptor 1

Switch 2
Contact 2
Schalter 2
Interruttore 2
Interruptor 2

S1 S2
Address 108 = 10 8
Adresse 108 = 10 8
Adresse 108 = 10 8
Indirizzo 108 = 10 8
Dirección 108 = 10 8

(ENG) To set one of the 159 available addresses for the device use the two rotary switches located either side of the dip switch unit. The 'tens' digits goes from 0 to 15 and the 'units' from 0 to 9.
*100 - 159 Only available with advanced protocol.
(FRE) Pour régler l'une des 159 adresses disponibles pour le dispositif, utilisez les deux commutateurs rotatifs situés sur l'un des côtés de l'unité de commutateurs DIP. Les chiffres des dizaines vont de 0 à 15 et ceux des unités de 0 à 9.
*100 à 159 Uniquement disponible avec le protocole avancé.
(GER) Verwenden Sie die beiden Drehschalter zu beiden Seiten der DIP-Schaltereinheit, um eine der 159 verfügbaren Adressen für das Gerät einzustellen. Die „Zehner“-Ziffern reichen von 0 bis 15 und die „Einer“ von 0 bis 9.
*100-159 stehen nur mit erweiterten Protokoll zur Verfügung.
(ITA) Per impostare uno dei 159 indirizzi disponibili per il dispositivo utilizzare i due selettori rotanti posizionati su entrambi i lati dell'unità DIP switch. Le cifre delle decine vanno da 0 a 15 e quelle delle unità da 0 a 9.
*100 - 159 Disponibili solo con il protocollo avanzato.
(SPA) Para definir una de las 159 direcciones disponibles en el dispositivo, utilice los dos selectores giratorios situados a ambos lados del cuadro de conmutadores de selección. Los dígitos decimales van del 0 al 15 y las unidades del 0 al 9.
* 100-159 Solo disponible con el protocolo avanzado.



2831 20
Notifier by Honeywell,
Pittway Tecnologica Srl, Via Caboto 19/3
34147 Trieste, Italy

DOP048NO - ISO

EN 54-3:2001 +A1: 2002 + A2:2006
Fire detection and fire alarm
systems - Sounders

EN54-23:2010
Fire detection and fire alarm
systems - Visual Alarm Devices

EN 54-17:2005
Fire detection and fire alarm
systems - Short-circuit isolators.

NFXI-BSF-WCS