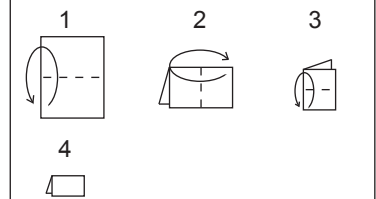


- A5 (148.5x210mm) Single Sided
- A5 (148.5x210mm) Double Sided
- A4 (297x210mm) Single Sided
- A4 (297x210mm) Double Sided



Manual Details

| | |
|-------------|------------|
| Part No. | 25-6021 |
| Description | Leaflet |
| Model | SY HO (RS) |
| Date | 25/01/06 |
| Issue No. | A |

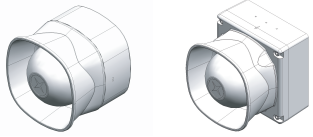
Approvals

| | |
|------------|------------|
| Originated | Mike Smith |
| Checked | |
| Approved | |



Symphoni HO

SYHO&SYHOWP

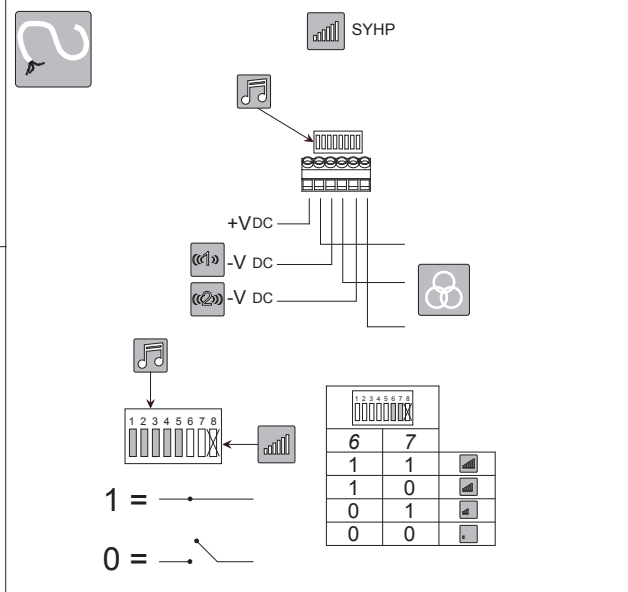
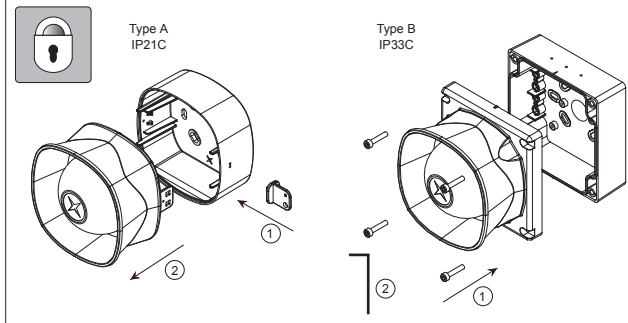
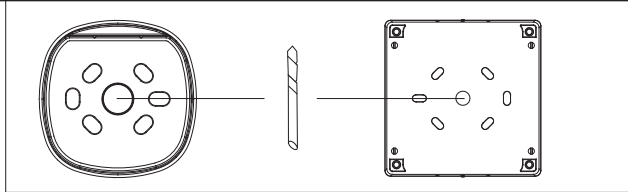
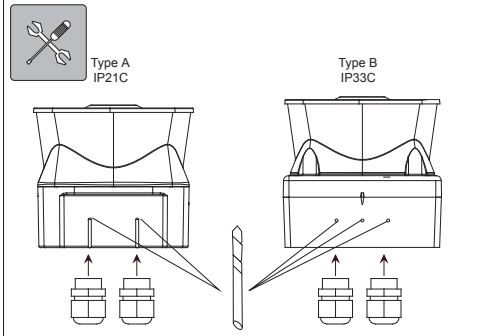
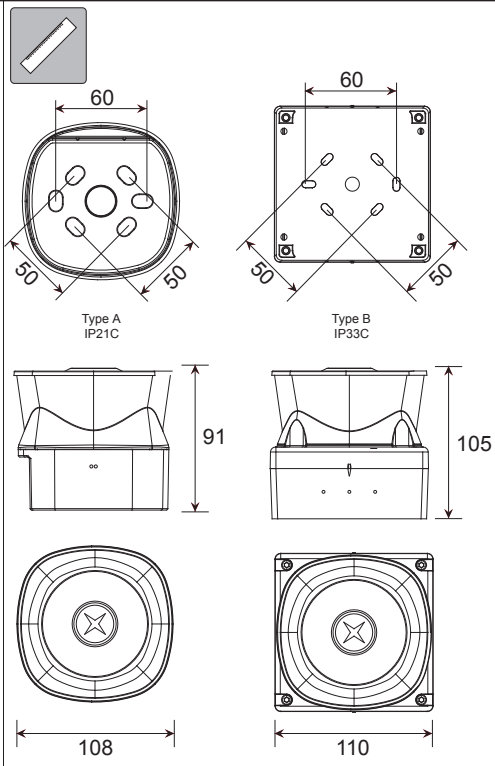



































0832-CPD-0142 (18~28V)

EN54-3 Fire Alarm Device - Sounder
 Dispositif d'alarme incendie EN54-3 – Avertisseur d'incendie
 EN54-3 Feueralarmgerät – Töner
 Dispositivo di allarme antincendio a norma EN54-3 - Sirena
 EN54-3 Brandalarm – sounder
 Dispositivo de alarma de incendios EN54-3 – Timbre de alarma
 EN54-3 Brandvarnare – Signalgivare

| | | |
|--|-----------|--|
| EN54-3 | | |
| SYHO | | |
| 18 ~ 28Vdc | 9 ~ 28Vdc | |
| 260mA | | |
| 0.28mm ² ~ 2.5mm ² | | |
| -10 °C ~ +55 °C -25 °C ~ +70 °C (WP) | | |
| ABS V0 | | |
| Type A = IP21C Type B = IP33C | | |
| 6 | 32 | |

Product exceeds minimum requirements of EN54-3
 See www.fulleon.com
 Le produit dépasse les exigences minimum de EN54-3
 Voir www.fulleon.com
 Das Erzeugnis erfüllt die Mindestanforderungen von EN54-3.
 Siehe www.fulleon.com
 Il prodotto supera i requisiti minimi previsti dalla norma EN54-3
 Vedi www.fulleon.com
 Product overtreft de minimale vereisten van EN54-3.
 Zie www.fulleon.com
 El producto excede los requisitos mínimos de la norma EN54-3
 Véase www.fulleon.com
 Produkten överträffar minsta krav enligt EN54-3
 Se www.fulleon.com



| | | | | | | | 24V @20°C | | |
|----|----|-------|--|---------------|---|-------------------|-----------|-------|--|
| | | |  | | | | mA | dB(A) | EN54-3 Min SPL @ 28Vdc @ Max Volume @ Loudest mode dB(A) |
| 1 | 14 | 11111 |  | 800 & 970Hz | 2Hz (250ms~250ms) | BS Fire Tone | 240 | 113 | - |
| 2 | 14 | 11110 |  | 800 & 970Hz | 7Hz (7/s) | BS Fire Tone | 230 | 113 | - |
| 3 | 14 | 11101 |  | 800 & 970Hz | 1Hz (1/s) | BS Fire Tone | 240 | 114 | 110 |
| 4 | 14 | 11100 |  | 2850Hz | Steady | | 210 | 119 | - |
| 5 | 4 | 11011 |  | 2400 ~ 2850Hz | 7Hz | | 210 | 118 | - |
| 6 | 4 | 11010 |  | 2400 ~ 2850Hz | 1Hz | | 210 | 120 | - |
| 7 | 14 | 11001 |  | 300 ~ 1200Hz | 3s Sweep, 0.5s silence, then repeat | Dutch Fire Tone | 240 | 113 | 110 |
| 8 | 14 | 11000 |  | 1200 ~ 500Hz | 1Hz | DIN Tone | 240 | 112 | 109 |
| 9 | 4 | 10111 |  | 2400 & 2850Hz | 2Hz (250ms~250ms) | | 210 | 117 | - |
| 10 | 14 | 10110 |  | 970Hz | 0.5Hz (1s On / 1s Off) | | 250 | 113 | - |
| 11 | 14 | 10101 |  | 800 & 970Hz | 1Hz (500ms~500ms) | BS Fire Tone | 230 | 113 | - |
| 12 | 4 | 10100 |  | 2850Hz | 0.5Hz (1s On / 1s Off) | | 210 | 117 | - |
| 13 | 14 | 10011 |  | 970Hz | 0.8Hz (250ms On / 1s Off) | | 260 | 113 | - |
| 14 | 14 | 10010 |  | 970Hz | Steady | BS Fire Tone | 250 | 112 | 109 |
| 15 | 14 | 10001 |  | 554 & 440Hz | 100ms ~ 400ms | French Fire Tone | 200 | 108 | - |
| 16 | 16 | 10000 |  | 660Hz | 3.3Hz (150ms On / 150ms Off) | Swedish Fire Tone | 230 | 111 | - |
| 17 | 17 | 01111 |  | 660Hz | 0.28Hz (1.8s On / 1.8s Off) | Swedish Fire Tone | 230 | 111 | - |
| 18 | 18 | 01110 |  | 660Hz | 0.05Hz (13s Off / 6.5Hz On) | Swedish Fire Tone | 240 | 111 | - |
| 19 | 19 | 01101 |  | 660Hz | Steady | Swedish Fire Tone | 220 | 110 | - |
| 20 | 20 | 01100 |  | 554 & 440Hz | 0.5Hz (1s On / 1s Off) | Swedish Fire Tone | 210 | 108 | - |
| 21 | 21 | 01011 |  | 660Hz | 1Hz (500ms ~ 500ms) | Swedish Fire Tone | 230 | 111 | - |
| 22 | 14 | 01010 |  | 2850Hz | 4Hz (150ms On / 100ms Off) | Pelican Crossing | 210 | 116 | - |
| 23 | 14 | 01001 |  | 800 ~ 970Hz | 50Hz | BS Fire Tone | 230 | 112 | - |
| 24 | 4 | 01000 |  | 2400 ~ 2850Hz | 50Hz | | 190 | 116 | - |
| 25 | 25 | 00111 |  | 970Hz | 3 x 500ms pulses followed by 1.5s silence then repeat | ISO 8201 | 260 | 113 | - |
| 26 | 26 | 00110 |  | 2850Hz | 3 x 500ms pulses followed by 1.5s silence then repeat | ISO 8201 | 220 | 117 | - |
| 27 | 27 | 00101 |  | 4000Hz | Steady | | 220 | 108 | - |
| 28 | 10 | 00100 |  | 800 & 970Hz | 2Hz (250ms ~ 250ms) | BS Fire Tone | 230 | 113 | - |
| 29 | 33 | 00011 |  | 990 & 650Hz | 2Hz (250ms ~ 250ms) (Symphoni Tones) | BS Fire Tone | 230 | 111 | 108 |
| 30 | 35 | 00010 |  | 510 & 610Hz | 2Hz (250ms ~ 250ms) (Squashni Micro Tones) | BS Fire Tone | 190 | 111 | 108 |
| 31 | 31 | 00001 |  | 300 ~ 1200Hz | 1Hz | | 230 | 111 | - |
| 32 | 32 | 00000 |  | 4000Hz | Steady | | 220 | 108 | - |

- (i) Tones certified under the CPD (Fire Alarm Applications) are shown in the column marked EN54-3
(ii) All other SPL measurements are taken 'on axis' & are not third party verified.
(iii) Detailed EN54-3 polar SPL measurements are available in M96-022

- (i) Les tons certifiés dans le cadre de la DPC (application alarme incendie) sont indiqués dans la colonne intitulée EN54-3.
(ii) Toutes les autres mesures NPA sont relevées « sur axe » et ne sont pas vérifiées par un tiers.
(iii) Les mesures NPA polaires détaillées EN54-3 sont disponibles dans M96-022

- (i) Die nach CPD (Feuermelderanwendung) zertifizierten Töne sind in Spalte EN54-3.
(ii) Alle anderen Schalldruckmessungen wurden vom akustischen Mittelpunkt ab gelesen und von keiner unabhängigen Stelle verifiziert.
(iii) Detaillierte Polar-SPL-Messungen gemäß EN54-3 sind erhältlich in M96-022

- (i) I toni della sirena certificati CPD (applicazione allarme antincendio) sono indicate nella colonna contrassegnata con EN54-3.
(ii) Tutte le altre misurazioni SPL sono state rilevate "sull'asse" e non sono state verificate da terzi.
(iii) Le misurazioni SPL polari ai sensi della norma EN54-3 sono disponibili in M96-022

- (i) U vindt tonen die onder CPD (brandalarmtoepassing) zijn gecertificeerd, in de kolom waar EN54-3 staat vermeld.
(ii) Alle andere SPL-afmetingen zijn via de 'as' gedaan en niet door derden geverifieerd.
(iii) Uitgebreide polaire SPL-afmetingen voor EN54-3 zijn beschikbaar in M96-022

- (i) Los sonidos certificados por el CPD (aplicación para alarmas de incendios) se muestran en la columna marcada con EN54-3.
(ii) Cualquier otra medida del SPL (nivel de intensidad acústica) se toma "sobre el eje" y no está verificada por terceras partes.
(iii) Las medidas detalladas del SPL polar EN54-3 están disponibles en M96-022
(i) Signaler som är certifierade för CPD (brandvarnare) visas i kolumnen märkt EN54-3.
(ii) Alla övriga mätningar av ljudtrycket har genomförts "direkt intill" och är inte bekräftade av tredje part.
(iii) Detaljerade polära mätningar av ljudtrycket enligt EN54-3 finns under M96-022

CE marking under the CPD was affixed on: (see batch code on product)
La marque CE dans le cadre de la DPC a été apposée le : (voir code de lot sur le produit)
CE-Kennzeichnung unter dem CPD angebracht am: (siehe Chargencode am Zeugnis)
La marcatura CE ai sensi della direttiva CPD è stata apposta su: (vedi codice sul prodotto)
CE-markering onder CPD is toegewezen d.d.: (zie batchcode op het product)
CE-märkning enligt CPD fästes på: (se satskod på produkten)