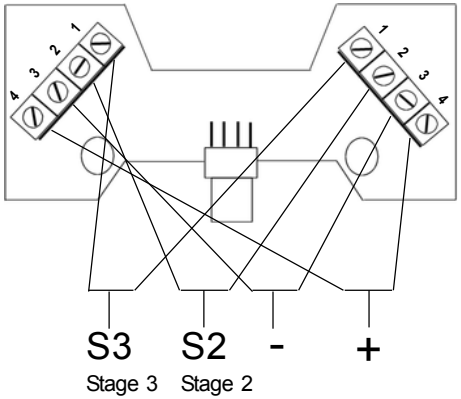
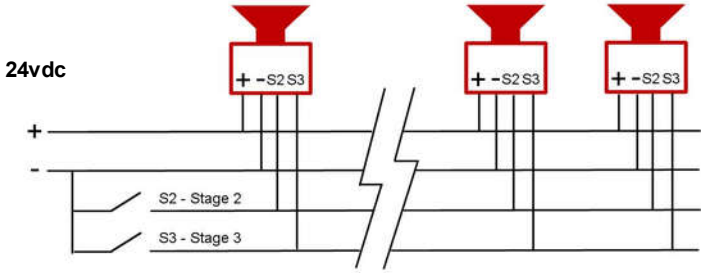
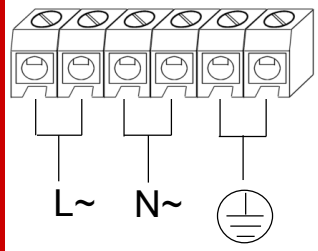
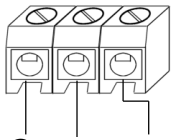
INSTALLATION INSTRUCTIONS

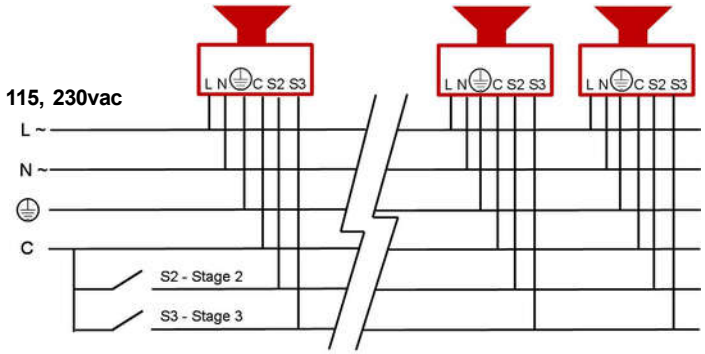
SON4 - 32 Tone Sounder & Xenon Beacon 'Sonora'





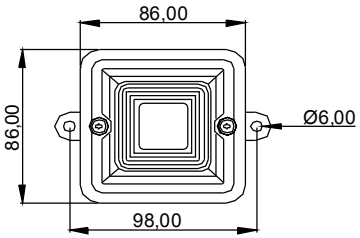


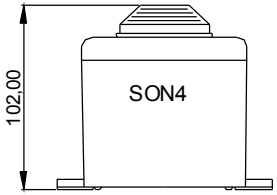






SON4





Voltage :	24vdc	24vac 50/60Hz	115vac 50/60Hz	230vac 50/60Hz
Voltage range :	+/-25%	+/-25%	+/-10%	+/-10%
Current mA :	100mA*	40-90mA	35mA	20mA

* Current at nominal voltage on Tone 2.

SON4 24vdc unit is CPD Compliant. EN54-3 Type B IP55. Beacon is not compliant.

Stage1 tone	Frequency Description
Tone 2	800/1000Hz @ 0.25 sec Alternating
Tone 3	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop
Tone 9	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.
Tone 15	800Hz Continuous
Tone 16	660Hz 150ms ON 150ms OFF
Tone 17	544Hz (100mS)/440Hz (400mS) - NF S 32-001

The tones listed have been tested to EN54-3 and are compliant with the Construction Product Directive 89/106/EEC.

EN54-3 test data : document D0665

Tel : 0044(0)2087438880 mail : sales@e-2-s.com Fax : 0044(0)2087404200 web : www.e-2-s.com

Stage 1	Frequency Description.	Switch 1 2 3 4 5 6	Stage 2 (S2)	Stage 3 (S3)
Tone 1	340 Hz Continuous	■	Tone 2	Tone 5
Tone 2	800/1000Hz @ 0.25 sec Alternating	■ ■	Tone 17	Tone 5
Tone 3	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	■	Tone 2	Tone 5
Tone 4	800/1000Hz @ 1Hz Sweeping	■ ■	Tone 6	Tone 5
Tone 5	2400Hz Continuous	■	Tone 3	Tone 26
Tone 6	2400/2900Hz @ 7Hz Sweeping	■ ■	Tone 7	Tone 5
Tone 7	2400/2900Hz @ 1Hz Sweeping	■ ■	Tone 10	Tone 5
Tone 8	500/1200/500Hz @ 0.3Hz Sweeping	■ ■ ■	Tone 2	Tone 5
Tone 9	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	■	Tone 15	Tone 2
Tone 10	2400/2900Hz @ 2Hz Alternating	■ ■	Tone 7	Tone 5
Tone 11	1000Hz @ 1Hz Intermittent	■ ■	Tone 2	Tone 5
Tone 12	800/1000Hz @ 0.875Hz Alternating	■ ■ ■	Tone 4	Tone 5
Tone 13	2400Hz @ 1Hz Intermittent	■ ■	Tone 15	Tone 5
Tone 14	800Hz 0.25sec on, 1 sec off Intermittent	■ ■ ■	Tone 4	Tone 5
Tone 15	800Hz Continuous	■ ■ ■	Tone 2	Tone 5
Tone 16	660Hz 150mS on, 150mS off Intermittent	■ ■ ■ ■	Tone 18	Tone 5
Tone 17	544Hz (100mS)/440Hz (400mS) - NF S 32-001	■	Tone 2	Tone 27
Tone 18	660Hz 1.8sec on, 1.8sec off Intermittent	■ ■	Tone 2	Tone 5
Tone 19	1.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s -NFC48-265	■ ■	Tone 2	Tone 5
Tone 20	660Hz Continuous	■ ■ ■	Tone 2	Tone 5
Tone 21	554Hz/440Hz @ 1Hz Alternating	■ ■	Tone 2	Tone 5
Tone 22	544Hz @ 0.875 sec. Intermittent	■ ■ ■	Tone 2	Tone 5
Tone 23	800Hz @ 2Hz Intermittent	■ ■ ■	Tone 6	Tone 5
Tone 24	800/1000Hz @ 50Hz Sweeping	■ ■ ■	Tone 29	Tone 5
Tone 25	2400/2900Hz @ 50Hz Sweeping	■ ■	Tone 29	Tone 5
Tone 26	Bell	■ ■ ■	Tone 2	Tone 15
Tone 27	554Hz Continuous	■ ■ ■	Tone 26	Tone 5
Tone 28	440Hz Continuous	■ ■ ■	Tone 2	Tone 5
Tone 29	800/1000Hz @ 7Hz Sweeping	■ ■ ■	Tone 7	Tone 5
Tone 30	420Hz @ 0.625 sec Australian Alert	■ ■ ■ ■	Tone 32	Tone 26
Tone 31	660/1200Hz @ 1Hz Sweeping	■ ■ ■ ■	Tone 26	Tone 5
Tone 32	500-1200Hz 3.75sec /0.25sec. Australian Evac.	■ ■ ■ ■ ■	Tone 30	Tone 26



- •Tone Selection
- •Sélection de la tonalité
- •Tonwahl
- •Selezione tono
- •Seleção de tons
- •Selección Tono
- •Valg af tone
- •Toonselectie
- •Velge tone
- •Tonval

- Switch 6 is not used; Switch 8 'ON' = Intermediate volume; Switch 7 'ON' = Max.volume; Switch 7 & 8 'OFF' = Standard volume.
- Le commutateur 6 n'est pas utilisé ; Commutateur 8 « MARCHE » (ON) = Volume intermédiaire ; Commutateur 9 « MARCHE » (ON) = Volume max. ; Commutateurs 7 et 8 « ARRET » (OFF) = Volume standard.
- Schalter 6 wird nicht verwendet; Schalter 8 „Ein" = mittlere Lautstärke; Schalter 7 „Ein" = max. Lautstärke; Schalter 7 und 8 „Aus" = Standard-Lautstärke
- Interruttore 6 non viene utilizzato; Interruttore 8 'ON' = Volume intermedio; Interruttore 7 'ON' = Volume massimo; Interruttori 7 e 8 'OFF' = Volume standard.
- El interruptor 6 no se utiliza; Interruptor 8 'ON' = volumen intermedio; Interruptor 7 'ON' = máximo volumen; Interruptor 7 y 8 'OFF' = volumen estándar.
- Interruptor 6 não é utilizado; Interruptor 8 'LIGADO' = volume intermédio; Interruptor 7 'LIGADO' = volume máximo; Interruptor 7 e 8 'DESLIGADOS' = volume padrão.
- Kontakt 6 bruges ikke. Kontakt 8 aktiveret ("ON") = mellemvolumen. Kontakt 7 aktiveret ("ON") = højeste volumen. Kontakt 7 og 8 deaktiveret ("OFF") = standardvolumen.
- Schakelaar 6 wordt niet gebruikt; schakelaar 8 'ON' = tussenvolume; Schakelaar 7 'ON' = max.volume; Schakelaar 7 & 8 'OFF' = standaardvolume.
- Bryter 6 er ikke i bruk. Bryter 8 PÅ ('ON') = mellomhøy lydstyrke. Bryter 7 PÅ ('ON') = Maks. lydstyrke.; Bryter 7 & 8 AV ('OFF') = Standard lydstyrke.
- Brytare 6 används ej; Brytare 8 'ON' = Mellanvolym; Brytare 7 'ON' = Max.volym; Brytare 7 & 8 'OFF' = Standardvolym.

ISN0605-B

No liability is accepted for any consequence of the use of this document. The technical specification of this unit is subject to change without notice due to our policy of continual product development. All dimensions are approximate. This unit is sold subject to our standard conditions of sale, a copy of which is available on request.

Tone Selection / switch setting.

- Switch settings are shown in the tone table. Black squares are the switch levers in the ON position.
- Les réglages des commutateurs sont indiqués sur le tableau de tonalités. Les carrés noirs représentent les leviers des commutateurs en position MARCHE (ON).
- Die Schaltereinstellungen sind in der Tabelle der Töne angegeben. Die schwarzen Quadrate kennzeichnen die Ein-Positionen der Schalter.
- Le impostazioni degli interruttori sono mostrate nella tabella dei segnali acustici. I riquadri neri indicano le leve degli interruttori nella posizione ON.
- Los ajustes de interruptor se muestran en la tabla de tonos. Los cuadros negros representan las palancas de los interruptores en la posición ON.
- Os ajustes dos interruptores estão indicados na tabela de sons. Os quadrados pretos indicam que as alavancas dos interruptores estão na posição LIGADA.
- Kontaktindstillingerne fremgår af toneskemaet. Et sort felt betyder, at kontakten er aktiv ("ON").
- De schakelinstellingen staan vermeld in de toontabel. Zwarte vierkanten zijn de schakelaars in de stand AAN.
- Bryterinnstillinger er beskrevet i tonetabellen. De svarte firkantene indikerer bryterposisjonene i PÅ-posisjon.
- Brytarinställningarna visas i signaltabellen. De svarta fyrkanterna är brytarna i ON-läge.

NOTE: Please check factory settings and ensure the correct alarm tone is selected for your country or application.
Pas op: bij ingebruikstelling dient u zich ervan te overtuigen dat de unit op de juiste toon is ingesteld.



>100dB(A)@1m.



ATTENTION

- **Disconnect from power source to prevent electrical shock before installing and servicing**
- **Couper l'alimentation pour empêcher tout choc électrique avant d'effectuer des travaux d'installation et d'entretien.**
- **Vor der Installation und Wartung von der Spannungsquelle abnehmen, um elektrische Schläge zu vermeiden.**
- **Prima dell'installazione e della manutenzione spegnere l'alimentazione elettrica per evitare scosse elettriche.**
- **Desconecte la alimentación para evitar descargas eléctricas antes de la instalación y mantenimiento**
- **Antes de instalar ou de fazer a manutenção desligue sempre da alimentação eléctrica para evitar choques eléctricos.**
- **Strømmen skal afbrydes ved installering og eftersyn for at undgå elektrisk stød.**
- **Loskoppelen van de elektrische voeding om elektrische schok vóór installatie en onderhoud te voorkomen.**
- **Før montering eller vedlikehold, må spenningen koples fra for å unngå strømstøt.**
- **Bryt strömmen innan installation och underhåll för att förhindra elektriska stötar stötar.**