



ES2030RE, ES2030WE

IT

Sirena indirizzata con avvisatore vocale

EN

Addressable sounder with voice alert



0051
18
0051-CPR-1317

EN 54-3
EN 54-17

inim®

Evolving Protection

Inim Electronics S.r.l.

Centobuchi, via Dei Lavoratori 10

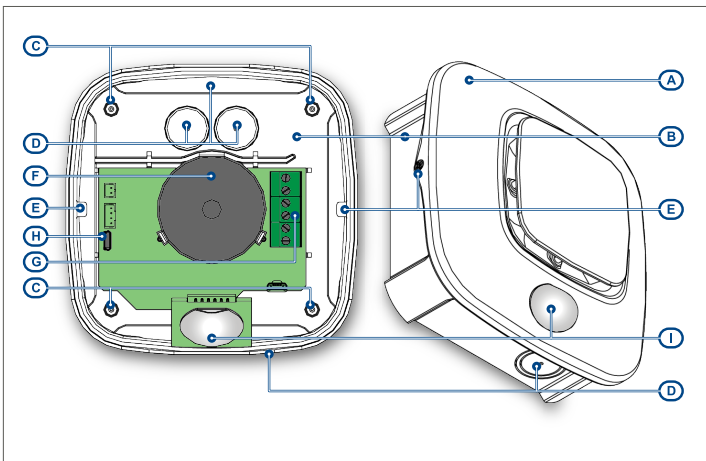
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IT

Descrizione generale

La sirena si collega al loop ed acquisisce un indirizzo proprio in fase di configurazione.

La sirena viene alimentata dal loop nel caso in cui i morsetti "EXT" vengano lasciati sconnessi. Fornendo una tensione di 24Vdc ai suddetti morsetti il dispositivo assorbirà la corrente necessaria al suo funzionamento dalla fonte di alimentazione esterna non caricando il loop.

L'apparecchio è dotato di un isolatore di corto circuito in grado di sezionare il loop in caso di corto circuito.

Il tono o il messaggio vocale riprodotto in caso di attivazione deve essere selezionato da centrale in fase di programmazione, in modo da ottenere segnalazioni diverse a fronte di cause diverse.

Per l'elenco dei toni o dei messaggi, fare riferimento alle tabelle in appendice.

Specifiche tecniche

(in accordo alla EN 54-3, EN 54-17)

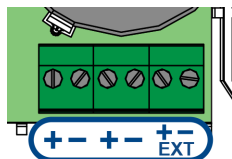
Tensione di ingresso	
intervallo	da 18 a 30 V ~
nominale	24 ~
Consumo	
a riposo	200µA
massimo	in allarme (vedi tabella Tones)
Tensione dell'alimentazione esterna	
intervallo	da 20 a 30 V ~
nominale	24 ~
Condizioni ambientali di funzionamento	
Temperatura	da -10 a +55 °C
Umidità relativa	≤ 75 % senza condensazione
Tipo di ambiente	A (per uso interno)
Grado di protezione	
IP65 (certificato EN54-3 IP21)	

Metodo d'installazione	fissaggio a muro
Dimensioni (AxLxP)	121 x 121 x 57 mm
Colori	rosso (ES2030RE) bianco (ES2030WE)
Peso	150 g
Informazioni relative all'isolatore	
V _{max}	30 V ~
V _{min}	13 V ~
I _{C max}	0,5 A
I _{S max}	0,5 A
I _{L max}	10 mA
Z _{C max}	0,25 Ω

Descrizione delle parti

A	Coperchio	F	Altoparlante
B	Fondo	G	Morsetteria
C	Fori pretranciati per ancoraggio	H	Connettore per programmatore
D	Fori pretranciati passacavi	I	LED
E	Vite di fissaggio coperchio		

Morsetteria



+	Terminale positivo	Loop
-	Terminale negativo	
+ EXT	Terminale positivo	Alimentazione esterna (opzionale)
- EXT	Terminale negativo	

Marcatura CE



Segnalazioni LED

LED verde	Attività sul loop
LED giallo	Guasto generico Programmatore collegato

Avvertenze e limitazioni

- Il dispositivo viene fornito completo di messaggi vocali registrati ed aventi caratteristiche adeguate. Eventuali messaggi vocali personalizzati dall'utente sono da ritenersi non conformi alla norma EN54-3, sezione dispositivi vocali di allarme incendio.
- Il dispositivo è conforme all'opzione "sincronizzazione" delle norme EN54-3 per mezzo di un comando di sincronizzazione inviato periodicamente dalla centrale di controllo ai dispositivi di loop.

Caratteristiche essenziali		Prestazione
Affidabilità di funzionamento		PASS
Tolleranza al voltaggio di alimentazione		PASS
Durabilità dell'affidabilità di funzionamento:	Resistenza termica	PASS
	Resistenza a urti e vibrazioni	PASS
	Resistenza all'umidità	PASS
	Resistenza alla corrosione	PASS
	Stabilità elettrica	PASS
	Resistenza all'ingresso	PASS
Caratteristiche essenziali		Prestazione
C.3.2 Sincronizzazione		PASS
Caratteristiche essenziali		Prestazione
4.3.7 Sincronizzazione		PASS

Dati del costruttore

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Circa questo manuale

Codice del manuale: DCMIN1PES2030

Revisione: 130

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RAEE



Ai sensi dell'art. 26 del Decreto Legislativo 14 marzo 2014, n. 49 "Attuazione della direttiva 2012/19/UE sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE)"

Il simbolo del cassonetto barrato riportato sull'apparecchiatura o sulla sua confezione indica che il prodotto alla fine della propria vita utile deve essere raccolto separatamente dagli altri rifiuti. L'utente dovrà, pertanto, conferire l'apparecchiatura giunta a fine vita agli idonei centri comunali di raccolta differenziata dei rifiuti elettrotecnici ed elettronici. In alternativa alla gestione autonoma è possibile consegnare l'apparecchiatura che si desidera smaltire al rivenditore, al momento dell'acquisto di una nuova apparecchiatura di tipo equivalente. Presso i rivenditori di prodotti elettronici con superficie di vendita di almeno 400 m² è inoltre possibile consegnare gratuitamente, senza obbligo di acquisto, i prodotti elettronici da smaltire con dimensioni inferiori a 25 cm. L'adeguata raccolta differenziata per l'avvio successivo dell'apparecchiatura dismessa al riciclaggio, al trattamento e allo smaltimento ambientalmente compatibile contribuisce ad evitare possibili effetti negativi sull'ambiente e sulla salute e favorisce il riutilizzo e/o riciclo dei materiali di cui è composta l'apparecchiatura.



Product description

The sounder connects to the loop and acquires its own address during the configuration phase.

The sounder is powered by the loop when the "EXT" terminals are left disconnected. Supplying a voltage of 24Vdc to the aforementioned terminals, the device absorbs the current necessary for its functions from the external power source without putting any load on the loop.

The device is equipped with a short-circuit isolator capable of sectioning the loop in the event of a short circuit.

The tone or voice message played in the event of activation must be selected at the control panel during the programming phase, in such a way as to obtain different signals for different situations.

For the list of tones or messages, refer to the tables in the appendix.

Technical specifications

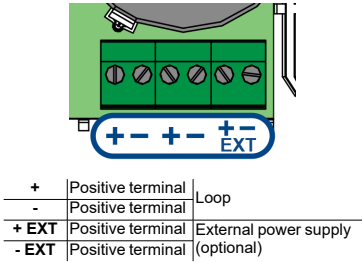
(according to EN 54-3, EN 54-17)

Input voltage	
range	from 18 to 30 V $\overline{\text{---}}$
nominal	24 $\overline{\text{---}}$
Consumption	
at rest	200 μ A
maximum	in alarm (see <i>Tones</i> table)
External power supply voltage	
range	from 20 to 30 V $\overline{\text{---}}$
nominal	24 $\overline{\text{---}}$
Environmental operating conditions	
Temperature	from -10 to +55 °C
Relative humidity	$\leq$ 75 % without condensation
Environmental type	A (indoor use)
Protection class	IP65 (IP21, EN54-3 certified)
Installation method	wall mount
Dimensions (HxWxD)	121 x 121 x 57 mm
Colors	red (ES2030RE) white (ES2030WE)
Weight	150 g
Isolator info	
V _{max}	30 V $\overline{\text{---}}$
V _{min}	13 V $\overline{\text{---}}$
I _{C max}	0.5 A
I _{S max}	0.5 A
I _{L max}	10 mA
Z _{C max}	0.25 Ω

Description of the parts

A	Cover	F	Piezoelectric horn
B	Backbox	G	Terminal block
C	Pre-cut mounting holes	H	Connector for the programmer
D	Pre-cut cable holes	I	LED
E	Cover blocking screw		

Terminal board



CE mark

CE
0051

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18
0051-CPR-1317

EN 54-3:2001 + A1:2002 + A2:2006
EN 54-17:2005 + AC2007

ES2030RE, ES2030WE

Addressable sounder with voice function for fire detection and fire alarm systems installed in buildings

Essential characteristics	Performance	
Operational reliability	PASS	
Tolerance to supply voltage	PASS	
Durability of operational reliability:	Temperature resistance	PASS
	Vibration resistance	PASS
	Humidity resistance	PASS
	Corrosion resistance	PASS
	Electrical stability	PASS
Access to the inside housing resistance	PASS	
Essential characteristics	Performance	
C.3.2 Synchronization	PASS	
Essential characteristics	Performance	
4.3.7 Synchronization	PASS	

Manufacturer's details

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The persons authorized by the manufacturer to repair or replace the parts of this system, hold authorization to work on Inim Electronics brand devices only.

WEEE

Informative notice regarding the disposal of electrical and electronic equipment (applicable in countries with differentiated waste collection systems)

The crossed-out bin symbol on the equipment or on its packaging indicates that the product must be disposed of correctly at the end of its working life and should never be disposed of together with general household waste. The user, therefore, must take the equipment that has reached the end of its working life to the appropriate civic amenities site designated to the differentiated collection of electrical and electronic waste. As an alternative to the autonomous management of electrical and electronic waste, you can hand over the equipment you wish to dispose of to a dealer when purchasing new equipment of the same type. You are also entitled to convey for disposal small electronic-waste products with dimensions of less than 25cm to the premises of electronic retail outlets with sales areas of at least 400m², free of charge and without any obligation to buy. Appropriate differentiated waste collection for the subsequent recycling of the discarded equipment, its treatment and its environmentally compatible disposal helps to avoid possible negative effects on the environment and on health and favours the re-use and/or recycling of the materials it is made of.

LED signals

Green LED	Loop activity
Yellow LED	General fault Programmer connected

Warnings and limitations

- The device is supplied with pre-recorded voice messages with adequate characteristics.
- Any voice message customized by the user is not compliant with EN54-3 standards, fire alarm vocal devices section.
- This device complies with "synchronization requirements" according to EN54-3 standards by means of periodic command sent from control panel over the loop.
- The tones and sequences are set according to the file system of the device:
 - file system "1S", see table in appendix "*Tones* "1S".
 - file system "2S", see table in appendix "*Tones* "2S".
- The certified tones and sequences are highlighted in the "EN54-3 approved" column.
- The file system is shown on the label attached to the back of the device.
- In order to guarantee the IP65 protection rating, to prevent infiltration from the back it is necessary to seal the head of the wall fixing screws.

About this manual

Manual code: DCMIIN1PES2030

Revision: 130

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Tones “1S”

N°	Name	Description	Sound level (dB@1m)		Absorption (mA) tone	EN54-3 approved
			min	max		
0	Silence	No tone	0	0	0	
1	ISO 8201 2800Hz	 2800Hz, (0.5sec ON / 0.5sec OFF) x3 / 1sec OFF	88	101	25	✓
2	ISO 8201 1000Hz	 1000Hz, (0.5sec ON / 0.5sec OFF) x3 / 1sec OFF	71	89	12	✓
3	1KHz/800Hz 2Hz	 (1000Hz + 800Hz) x 0.5sec	71	89	12	
4	NEN 2575:2000 (Dutch slow whoop)	 (500Hz + 1200Hz) x 3.5sec / 0.5sec OFF	81	92	12	✓
5	SIN 1000Hz	 1000Hz	71	89	12	✓
6	SIN 2800Hz	 2800Hz	88	101	12	
7	Fast whoop (AS1670)	 (500Hz + 1200Hz) x 0.5sec / 0.5sec OFF	78	89	12	✓
8	1000Hz 1sON/1sOFF	 1000Hz, 1sec ON / 1sec OFF	71	89	12	
9	800Hz 0.2/1s	 800Hz, 0.2sec ON / 1sec OFF	71	89	12	
10	800-1KHz 1Hz	 (800Hz + 1000Hz) x 1sec	71	89	12	✓
11	AFNOR NF S 32 001	 550Hz, 0.1sec / 440Hz, 0.4sec	74	84	10	✓
12	AS 1670 Alert	 420Hz, 0.625sec ON / 0.625sec OFF	73	83	10	✓
13	AS1670 Eva- cuation	 ((500Hz + 1200Hz) x 0.5sec / 0.5sec OFF) x3 / 1.5sec OFF	78	89	12	✓
14	DIN 33 404	 (1200Hz + 500Hz) x 1sec	80	90	15	✓
15	No tone	none			0	
...		none				
17	PRE It	AS 1670 Alert + Message 1			12	✓
18	ALM It	ISO 8201 1000Hz + Message 2			12	✓
19	PRE En	AS 1670 Alert + Message 3			12	✓
20	ALM En	ISO 8201 1000Hz + Message 4			12	✓
21	PRE Fr	AS 1670 Alert + Message 5			12	✓
22	ALM Fr	ISO 8201 1000Hz + Message 6			12	✓
23	PRE Sp	AS 1670 Alert + Message 7			12	✓
24	ALM Sp	ISO 8201 1000Hz + Message 8			12	✓
25	PRE Pt	AS 1670 Alert + Message 9			12	✓
26	ALM Pt	ISO 8201 1000Hz + Message 10			12	✓
27	PRE Gr	AS 1670 Alert + Message 11			12	✓
28	ALM Gr	ISO 8201 1000Hz + Message 12			12	
29	PRE Ar	AS 1670 Alert + Message 13			12	✓
30	ALM Ar	ISO 8201 1000Hz + Message 14			12	
31	PRE NI	AS 1670 Alert + Message 15			12	✓
32	ALM NI	NEN 2575:2000 (Dutch slow whoop) + Mes- sage 16			12	
...		none				

N°	Name	Description	Sound level (dB@1m)		Absorption (mA) tone	EN54-3 approved
			min	max		
37	PRE It	ISO 8201 1000Hz + Message 1			12	✓
38	ALM It	ISO 8201 1000Hz + Message 2			12	✓
39	PRE En	ISO 8201 1000Hz + Message 3			12	
40	ALM En	ISO 8201 1000Hz + Message 4			12	
41	PRE Fr	ISO 8201 1000Hz + Message 5			12	✓
42	ALM Fr	ISO 8201 1000Hz + Message 6			12	✓
43	PRE Sp	ISO 8201 1000Hz + Message 7			12	
44	ALM Sp	ISO 8201 1000Hz + Message 8			12	✓
45	PRE Pt	ISO 8201 1000Hz + Message 9			12	✓
46	ALM Pt	ISO 8201 1000Hz + Message 10			12	✓
47	PRE Gr	ISO 8201 1000Hz + Message 11			12	
48	ALM Gr	ISO 8201 1000Hz + Message 12			12	
49	PRE Ar	ISO 8201 1000Hz + Message 13			12	
50	ALM Ar	ISO 8201 1000Hz + Message 14			12	
51	PRE NI	ISO 8201 1000Hz + Message 15			12	✓
52	ALM NI	ISO 8201 1000Hz + Message 16			12	✓
...		none				
58	PRE It	AS 1670 Alert + Message 1			12	✓
59	ALM It	AS 1670 Alert + Message 2			12	✓
60	PRE En	AS 1670 Alert + Message 3			12	✓
61	ALM En	AS 1670 Alert + Message 4			12	✓
62	PRE Fr	AS 1670 Alert + Message 5			12	✓
63	ALM Fr	AS 1670 Alert + Message 6			12	✓
64	PRE Sp	AS 1670 Alert + Message 7			12	✓
65	ALM Sp	AS 1670 Alert + Message 8			12	✓
66	PRE Pt	AS 1670 Alert + Message 9			12	✓
67	ALM Pt	AS 1670 Alert + Message 10			12	✓
68	PRE Gr	AS 1670 Alert + Message 11			12	✓
69	ALM Gr	AS 1670 Alert + Message 12			12	✓
70	PRE Ar	AS 1670 Alert + Message 13			12	✓
71	ALM Ar	AS 1670 Alert + Message 14			12	✓
72	PRE NI	AS 1670 Alert + Message 15			12	✓
73	ALM NI	AS 1670 Alert + Message 16			12	✓
79	PRE It/En	AS 1670 Alert + Message 1 + Message 3			12	✓
80	ALM It/En	ISO 8201 1000Hz + Message 2 + Message 4			12	
81	PRE It/En/ Fr/Sp	AS 1670 Alert + Message 1+ Message 3 + Message 5 + Message 7			12	✓
82	ALM It/En/ Fr/Sp	ISO 8201 1000Hz + Message 2 + Message 4 + Message 6 + Message 8			12	
83	PRE It/En/ Fr/Sp/Pt	AS 1670 Alert + Message 1+ Message 3 + Message 5 + Message 7+ Message 9			12	✓
84	ALM It/En/ Fr/Sp/Pt	ISO 8201 1000Hz + Message 2 + Message 4 + Message 6 + Message 8+ Message 10			12	
85	PRE En/Fr	AS 1670 Alert + Message 3 + Message 5			12	✓
86	ALM En/Fr	ISO 8201 1000Hz + Message 4 + Message 6			12	
87	PRE En/F- r/Sp/Pt	AS 1670 Alert + Message 3 + Message 5 + Message 7 + Message 9			12	✓
88	ALM En/F- r/Sp/Pt	ISO 8201 1000Hz + Message 4 + Message 6 + Message 8 + Message 10			12	
89	PRE Sp/Pt	AS 1670 Alert + Message 7 + Message 9			12	✓
90	ALM Sp/Pt	ISO 8201 1000Hz + Message 8 + Message 10			12	✓
91	PRE EnGr	AS 1670 Alert + Message 3 + Message 11			12	✓
92	ALM EnGr	ISO 8201 1000Hz + Message 4 + Message 12			12	
93	PRE En/Fr/Gr	AS 1670 Alert + Message 3 + Message 5 + Message 11			12	✓
94	ALM En/Fr/Gr	ISO 8201 1000Hz + Message 4 + Message 6 + Message 12			12	
95	PRE En/F- r/Sp/Pt/Gr	AS 1670 Alert + Message 3 + Message 5 + Message 7 + Message 9 + Message 11			12	✓
96	ALM En/F- r/Sp/Pt/Gr	ISO 8201 1000Hz + Message 4 + Message 6 + Message 8 + Message 10 + Message 12			12	
97	PRE En/Ar	AS 1670 Alert + Message 3 + Message 13			12	✓
98	ALM En/Ar	ISO 8201 1000Hz + Message 4 + Message 14			12	
99	PRE En/Fr/Ar	AS 1670 Alert + Message 3 + Message 5 + Message 13			12	✓
100	ALM En/Fr/Ar	ISO 8201 1000Hz + Message 4 + Message 6			12	

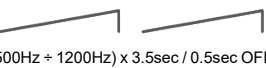
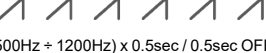
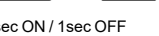
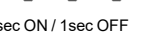
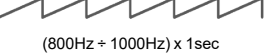
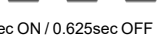
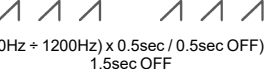
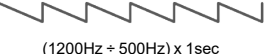
N°	Name	Description	Sound level (dB@1m)		Absorption (mA) tone	EN54-3 approved
			min	max		
		+ Message 14				
101	PRE Fr/NI	AS 1670 Alert + Message 5 + Message 15			12	✓
102	ALM Fr/NI	NEN 2575:2000 (Dutch slow whoop) + Mes- sage 6 + Message 16			12	
103	PRE En/Fr/NI	AS 1670 Alert + Message 3 + Message 5 + Message 15			12	✓
104	ALM En/Fr/NI	NEN 2575:2000 (Dutch slow whoop) + Mes- sage 4 + Message 6 + Message 16			12	

Messages “1S”

N°	Language	Type	Body
1	Italiano (Italian)	Pre- alarm	ATTENZIONE! E' stata segnalata una condizione di pericolo incen- dio! Sono in corso le opportune verifiche! Siete pregati di rimanere calmi ed in attesa di ulteriori istruzioni in prossimità degli altoparlanti.
2		Alarm	ATTENZIONE! ATTENZIONE! Allarme incendio! Evacuare l'edificio attraverso le uscite di sicurezza più vicine! Non utilizzare gli ascen- sori!
3	English	Pre- alarm	ATTENTION PLEASE! A fire alert has been reported, we are in- vestigating the cause, please remain calm and stand by near the spea- ker for further instructions!
4		Alarm	ATTENTION PLEASE! ATTENTION PLEASE! This is a FIRE alarm! Please leave the building immediately by the nearest exit! Do not use elevators!
5	Français (French)	Pre- alarm	ATTENTION, une alarme incendie est détectée, la cause est étu- diée, veuillez rester calme et attendez d'autres instructions.
6		Alarm	ATTENTION, ATTENTION, une alarme incendie est détectée, veuil- lez quitter le bâtiment. Utiliser les voies d'évacuation désignées, ne pas utiliser les ascenseurs.
7	Español (Spanish)	Pre- alarm	¡ATENCIÓN POR FAVOR! Se ha informado de una alerta de incen- dio, estamos investigando la causa, por favor manténgase en calma y manténgase cerca del altavoz para obtener más instrucciones.
8		Alarm	¡ATENCIÓN POR FAVOR! ¡Esto es una alarma real de incendio! Por favor, deje el edificio inmediatamente por la salida más cercana! ¡No use los ascensores!
9	Português (Portuguese)	Pre- alarm	ATENÇÃO POR FAVOR! Foi reportado um alerta de fogo, estamos a invstigar a causa, por favor mantenha a calma e aguarde por mais instruções através do Alti-falante!
10		Alarm	ATENÇÃO POR FAVOR! ATENÇÃO POR FAVOR! Isto é um alarme de FOGO! Por favor abandone o edifício imediatamente pela saída mais próxima! Não use os elevadores!
11	Ελληνικά (Greek)	Pre- alarm	ΠΑΡΑΚΑΛΩ ΠΡΟΣΟΧΗ! Αναφέρθηκε μία ειδοποίηση φωτιάς και ερευνούμε την αιτία, παρακαλώ παραμένετε ψύχραιμοι και αναμεινάτε για περαιτέρω οδηγίες!
12		Alarm	ΠΑΡΑΚΑΛΩ ΠΡΟΣΟΧΗ! ΠΑΡΑΚΑΛΩ ΠΡΟΣΟΧΗ! Συναγερμός Φωτιάς! Παρακαλούμε εκκενώστε το κτήριο αμέσωςμ χρησιμοποιώντας τη πλησιέστερη έξοδο. ΜΗΝ χρησιμοποιείτε τους ανελκυστήρες!
13	عربي (Arabic)	Pre- alarm	تنبيه: يرجى الانتباه! تم الإبلاغ عن حالة تأهب للحريق، ونحن نحقق في السبب، يرجى الهدوء أو الوقوف بالقرب من مكبر الصوت للحصول على مزيد من التعليمات
14		Alarm	إنذار: يرجى الانتباه! يرجى الانتباه ! هذا إنذار الحريق ! يرجى ترك المبنى فوراً عن طريق ! أقرب مخرج ! لا تستخدم المصاعد
15	Nederlands (Dutch)	Pre- alarm	ATTENTIE astublieft, er is een brandalarm gedetecteerd, de oor- zaak wordt onderzocht, blijf alstublieft rustig en wacht verdere instructies af.
16		Alarm	ATTENTIE, ATTENTIE, er is een BRAND alarm gedetecteerd, ver- laat het gebouw, maak gebruik van de aangewezen vluchtroutes, maak geen gebruik van de liften.



Tones “2S”

N°	Name	Description	Sound level (dB@1m)		Absorption (mA) tone	EN54-3 approved
			min	max		
0	Silence	No tone	0	0	0	
1	ISO 8201 2800Hz	 2800Hz, (0.5sec ON / 0.5sec OFF) x3 / 1sec OFF	88	101	25	✓
2	ISO 8201 1000Hz	 1000Hz, (0.5sec ON / 0.5sec OFF) x3 / 1sec OFF	71	89	12	✓
3	1KHz/800Hz 2Hz	 (1000Hz + 800Hz) x 0.5sec	71	89	12	
4	NEN 2575:2000 (Dutch slow whoop)	 (500Hz + 1200Hz) x 3.5sec / 0.5sec OFF	81	92	12	✓
5	SIN 1000Hz	 1000Hz	71	89	12	✓
6	SIN 2800Hz	 2800Hz	88	101	12	
7	Fast whoop (AS1670)	 (500Hz + 1200Hz) x 0.5sec / 0.5sec OFF	78	89	12	✓
8	1000Hz 1sON/1sOFF	 1000Hz, 1sec ON / 1sec OFF	71	89	12	
9	800Hz 0.2/1s	 800Hz, 0.2sec ON / 1sec OFF	71	89	12	
10	800-1KHz 1Hz	 (800Hz + 1000Hz) x 1sec	71	89	12	✓
11	AFNOR NF S 32 001	 550Hz, 0.1sec / 440Hz, 0.4sec	74	84	10	✓
12	AS 1670 Alert	 420Hz, 0.625sec ON / 0.625sec OFF	73	83	10	✓
13	AS1670 Eva- cuation	 ((500Hz + 1200Hz) x 0.5sec / 0.5sec OFF) x3 / 1.5sec OFF	78	89	12	✓
14	DIN 33 404	 (1200Hz + 500Hz) x 1sec	80	90	15	✓
15	No tone	none			0	
...		none				
17	PRE En	AS 1670 Alert + Message 1			12	✓
18	ALM En	ISO 8201 1000Hz + Message 2			12	
19	PRE Fr	AS 1670 Alert + Message 3			12	✓
20	ALM Fr	ISO 8201 1000Hz + Message 4			12	✓
21	PRE Sp	AS 1670 Alert + Message 5			12	✓
22	ALM Sp	ISO 8201 1000Hz + Message 6			12	✓
23	PRE Pt	AS 1670 Alert + Message 7			12	✓
24	ALM Pt	ISO 8201 1000Hz + Message 8			12	✓
25	PRE Fi	AS 1670 Alert + Message 9			12	✓
26	ALM Fi	ISO 8201 1000Hz + Message 10			12	✓
27	PRE He	AS 1670 Alert + Message 11			12	✓
28	ALM He	ISO 8201 1000Hz + Message 12			12	
29	PRE Ar	AS 1670 Alert + Message 13			12	✓
30	ALM Ar	ISO 8201 1000Hz + Message 14			12	
31	PRE Ka	AS 1670 Alert + Message 15			12	✓
32	ALM Ka	ISO 8201 1000Hz + Message 16			12	
33	PRE Ro	AS 1670 Alert + Message 17			12	✓
34	ALM Ro	ISO 8201 1000Hz + Message 18			12	

N°	Name	Description	Sound level (dB@1m)		Absorption (mA) tone	EN54-3 approved
			min	max		
...		none				
39	PRE En	ISO 8201 1000Hz + Message 1			12	
40	ALM En	ISO 8201 1000Hz + Message 2			12	
41	PRE Fr	ISO 8201 1000Hz + Message 3			12	✓
42	ALM Fr	ISO 8201 1000Hz + Message 4			12	✓
43	PRE Sp	ISO 8201 1000Hz + Message 5			12	
44	ALM Sp	ISO 8201 1000Hz + Message 6			12	✓
45	PRE Pt	ISO 8201 1000Hz + Message 7			12	✓
46	ALM Pt	ISO 8201 1000Hz + Message 8			12	✓
49	PRE Ar	ISO 8201 1000Hz + Message 13			12	
50	ALM Ar	ISO 8201 1000Hz + Message 14			12	
...		none				
60	PRE En	AS 1670 Alert + Message 1			12	✓
61	ALM En	AS 1670 Alert + Message 2			12	✓
62	PRE Fr	AS 1670 Alert + Message 3			12	✓
63	ALM Fr	AS 1670 Alert + Message 4			12	✓
64	PRE Sp	AS 1670 Alert + Message 5			12	✓
65	ALM Sp	AS 1670 Alert + Message 6			12	✓
66	PRE Pt	AS 1670 Alert + Message 7			12	✓
67	ALM Pt	AS 1670 Alert + Message 8			12	✓
70	PRE Ar	AS 1670 Alert + Message 13			12	✓
71	ALM Ar	AS 1670 Alert + Message 14			12	✓
85	PRE En/Fr	AS 1670 Alert + Message 1 + Message 3			12	✓
86	ALM En/Fr	ISO 8201 1000Hz + Message 2 + Message 4			12	
87	PRE En/F- r/Sp/Pt	AS 1670 Alert + Message 1 + Message 3 + Message 5 + Message 7			12	✓
88	ALM En/F- r/Sp/Pt	ISO 8201 1000Hz + Message 2 + Message 4 + Message 6 + Message 8			12	
89	PRE Sp/Pt	AS 1670 Alert + Message 5 + Message 7			12	✓
90	ALM Sp/Pt	ISO 8201 1000Hz + Message 6 + Message 8			12	✓
97	PRE En/Ar	AS 1670 Alert + Message 1 + Message 13			12	✓
98	ALM En/Ar	ISO 8201 1000Hz + Message 2 + Message 14			12	
99	PRE En/Fr/Ar	AS 1670 Alert + Message 1 + Message 3 + Message 13			12	✓
100	ALM En/Fr/Ar	ISO 8201 1000Hz + Message 2 + Message 4 + Message 14			12	
101	PRE Fr/Ar	AS 1670 Alert + Message 5 + Message 13			12	✓
102	ALM Fr/Ar	ISO 8201 1000Hz + Message 6 + Message 14			12	
103	PRE En/Fi	AS 1670 Alert + Message 1 + Message 9			12	
104	ALM En/Fi	ISO 8201 1000Hz + Message 2 + Message 10			12	
105	PRE En/He	AS 1670 Alert + Message 1 + Message 11			12	
106	ALM En/He	ISO 8201 1000Hz + Message 2 + Message 12			12	
107	PRE En/Ro	AS 1670 Alert + Message 1 + Message 17			12	
108	ALM En/Ro	ISO 8201 1000Hz + Message 2 + Message 18			12	

Messages “2S”

N°	Language	Type	Body
1	English	Pre- alarm	ATTENTION PLEASE! A fire alert has been reported, we are investigating the cause, please remain calm and stand by near the speaker for further instructions!
2		Alarm	ATTENTION PLEASE! ATTENTION PLEASE! This is a FIRE alarm! Please leave the building immediately by the nearest exit! Do not use elevators!
3	Français (French)	Pre- alarm	ATTENTION, une alarme incendie est détectée, la cause est étudiée, veuillez rester calme et attendez d'autres instructions.
4		Alarm	ATTENTION, ATTENTION, une alarme incendie est détectée, veuillez quitter le bâtiment. Utiliser les voies d'évacuation désignées, ne pas utiliser les ascenseurs.
5	Español (Spanish)	Pre- alarm	¡ATENCIÓN POR FAVOR! Se ha informado de una alerta de incendio, estamos investigando la causa, por favor manténgase en calma y manténgase cerca del altavoz para obtener más instrucciones.
6		Alarm	¡ATENCIÓN POR FAVOR! ¡Esto es una alarma real de Incendio! Por favor, deje el edificio inmediatamente por la salida más cercana! ¡No use los ascensores!
7	Português (Portuguese)	Pre- alarm	ATENÇÃO POR FAVOR! Foi reportado um alerta de fogo, estamos a investigar a causa, por favor mantenha a calma e aguarde por mais instruções através do Alti-falante!
8		Alarm	ATENÇÃO POR FAVOR! ATENÇÃO POR FAVOR! Isto é um alarme de FOGO! Por favor abandone o edifício imediatamente pela saída mais próxima! Não use os elevadores!
9	Suomalainen (Finnish)	Pre- alarm	HUOMIO, Palohälytyksen ennakkoilmoitus, hälytyksen syytä tarkistetaan, pysy rauhallisena ja odota kaiuttimen lähellä lisäohjeita!
10		Alarm	HUOMIO, HUOMIO, Palohälytys, poistu rakennuksesta lähimmän uloskäynnin kautta, älä käytä hissejä!
11	עברית (Hebrew)	Pre- alarm	שימו לב! קיים דווח על התרעת שריפה, המצב בבדיקה, אנא הישארו רגועים והישמעו להוראות
12		Alarm	שימו לב! זו אזעקה אש, נא לפנות את המבנה, אין להשתמש במעלית
13	عربي (Arabic)	Pre- alarm	تنبيه: يرجى الانتباه! تم الإبلاغ عن حالة تأهب للحريق، ونحن نتحقق في السبب، يرجى الهدوء أو الوقوف بالقرب من مكبر الصوت للحصول على مزيد من التعليمات
14		Alarm	إنذار: يرجى الانتباه! يرجى الانتباه! هذا إنذار الحريق! يرجى ترك المبنى فوراً عن طريق أقرب مخرج! لا تستخدم المصاعد
15	საქართველო (Georgian)	Pre- alarm	ATTENTION PLEASE! A fire alert has been reported, we are investigating the cause, please remain calm and stand by near the speaker for further instructions!
16		Alarm	ATTENTION PLEASE! ATTENTION PLEASE! This is a FIRE alarm! Please leave the building immediately by the nearest exit! Do not use elevators!
17	Română (Romanian)	Pre- alarm	Atenție! S-a produs o alertă la sistemul de incendiu! Cât timp investigăm cauza vă rugăm să vă păstrați calmul și să rămâneți aproape de difuzoare pentru a primi instrucțiuni ulterioare.
18		Alarm	Atenție! Atenție! Această este o alarmă de incendiu! Vă rugăm să părăsiți clădirea imediat prin cel mai apropiat punct de acces. Nu folosiți liftul.

