Fire Safety

NOTIFIER by Honeywell

PAN1-PLUS

EN54-3/23 Visual-Acoustical Indicator



CE
1293 - CPR - 0597

DESCRIPTION

PAN1-PLUS is a Visual-Acoustical Device designed for all installations in fire detection systems, offices, hotels, malls, hospital and industrial environments.
The Device is certified in compliance with EN54.3, EN54.23 and with Italian standard TR 11607 " Linea Guida per avvisatori acustici ed ottici" that set the the main frequency for hotels between 0,5 Hz and 1Khz.

PAN1-PLUS is manufactured with not combustible, self-extinguishing and retardant materials. The Text label film is made of PMMA (Polymethyl-methacrylate), a slow flammability material. Text on film, on dark red/grey background, is lighted and visible when the panel is activated in alarm condition.

Available also in different colors: matt white, fire red and matt grey for industrial environments or selectable from a list of RAL colors at our offices.
A model is specifically indicated for Extinguishing Systems and is available in same matt yellow RAL color of the call point and provided with two alternate text films for the alarm indication inside and outside the room.

PAN1-PLUS is available also without the flash (certified only to EN54-3).
The most popular text label films are in our catalogue but user can customize a custom text label films on special order.

INSTALLATION

The device is classified as W-5-11 in the EN54 certifications and therefore designed to cover a room volume with max dimensions: 5x 11 x 11 (HxLxW). Standard current consumption is 100mA. On the panel is selectable the low consumption mode for the coverage up to 4 x 9 x 9 m.

The device provide on terminal blocks the inputs to activate sounder with strobe or only strobe. A separate code for an adjustable bracket is available for ceiling or wall mounting installation.

For recessed installation is available a box with level tool, designed for easy and quick installation also on pasteboard wall.

PAN1-PLUS can be synchronized with other devices of the same series, installed in the environment to be protected. This way is possible to synchronize the alarm signaling on all devices and avoid random timings between strobes lights. The Panel electronic circuit is protected against the reversal of polarity.

Tutti i dati sono soggetti a cambiamento senza preavviso. Tutti i diritti di questa pubblicazione sono riservati.
Per maggiori informazioni contattare:
Notifier Italia S.r.l.
Via Grandi, 22 20097 San Donato Milanese (MI)
Tel.: 02-51897.1 Fax: 02-51897.30 E-Mail: notifier@notifier.it

SISTEMA GESTIONE QUALITÀ E AMBIENTE CERTIFICATI
UNI EN ISO 9001:2008 - UNI EN ISO 14001:2004

ENVIRONMENTAL FEATURES

- Operating temperature: from -10°C to +55°C
- Certified: 1293 - CPR - 0597
- Regulation: EN54-3:2001 + A1:2002 + A2:2006, EN54-23:2010
- Volume coverage: 11 (L) x 11 (W) x 5 (H)
- Category: Device for wall or recess mounting installation
- Type: A, for internal environments

MECHANICAL FEATURES

- Dimensions: 307 x 117 x 55 mm
- Weight: 539 gr
- IP rating: 41C

ELECTRICAL FEATURES

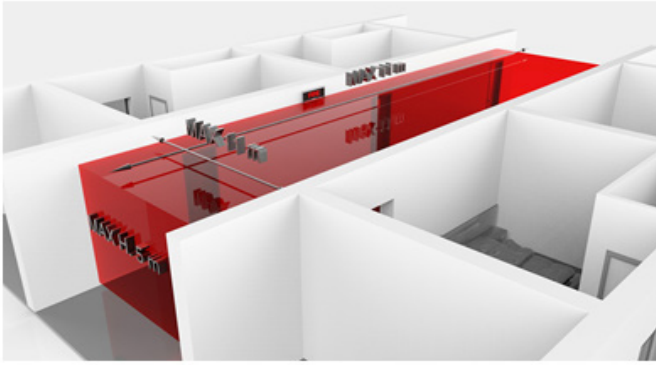
- Nominal supply voltage: 24Vcc (20÷30Vcc)
- Power: 1,7 W @24V; 2,4 (DIP7 OFF)
- Current: 100mA average, 140mA peak, 70/90mA low consumption.
- FLASH: frequency 0,6Hz

Power flash	Coverage	Current consumption
Standard	5x11x11m	100mA
Low power	4x9x9m	70mA

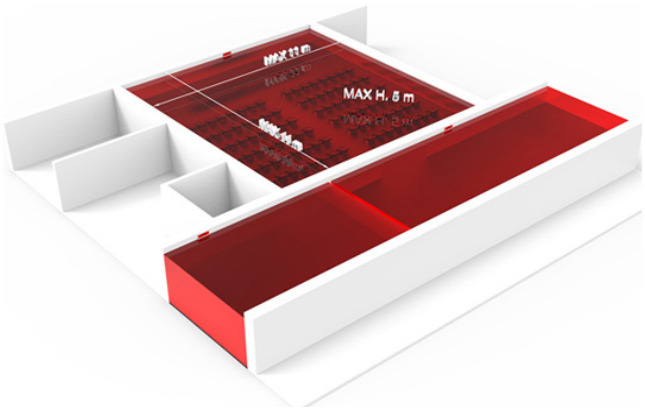
- INTERNAL BUZZER: intermittent sound 1983Hz.
- Main sound pattern: pulsed sound a 1.2Hz
- Available sounds: modulated, pulsed, bitonal, continuous

DIP Switch	Acuostic Power a 1 m
ON - ON (Default)	101 dB
ON - OFF	97 dB
OFF - ON	94 dB
OFF - OFF	Sound Deactivated

EXAMPLE OF INSTALLATION IN THE CORRIDOR



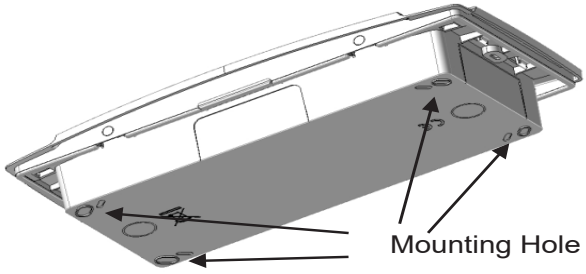
COVERAGE AREA



RECESS BOX



MOUNTING HOLE



DIMENSIONS



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SISTEMA GESTIONE QUALITÀ E AMBIENTE CERTIFICATI
D-309.1-PAN1P-ENG Rev. A.2 11/2019

SOUND DISPERSION ANGLE

Horizontal	DIP 5=ON /DIP 6=ON 101dB			
	DIP 3 ON DIP 4 ON	DIP 3 ON DIP 4 OFF	DIP 3 OFF DIP 4 ON	DIP 3 OFF DIP 4 OFF
	S1	S2	S3	S4
	min dB @1m			
15	98	98	99	99
45	101	99	102	101
75	98	100	100	99
105	95	100	96	95
135	97	99	99	99
165	99	98	101	100

Vertical	DIP 5=ON /DIP 6=ON 101dB			
	DIP 3 ON DIP 4 ON	DIP 3 ON DIP 4 OFF	DIP 3 OFF DIP 4 ON	DIP 3 OFF DIP 4 OFF
	S1	S2	S3	S4
	min dB @1m			
15	94	100	94	92
45	102	100	103	102
75	106	103	107	106
105	102	100	103	101
135	107	104	108	107
165	98	98	98	97

PRODUCT CODES

CODE	DESCRIPTION
PAN1-PLUS-W	Conventional Audio-Visual device certified EN54.3 /EN 54.23. Matt white with red text film.
PAN1-PLUS-Y	Conventional Audio-Visual device certified EN54.3 /EN 54.23. Matt yellow for extinguishing systems. Two white text film, on grey background: “EVACUATE” and “DO NOT ENTER: EXTIGUISHING IN PROGRESS”.
PAN1-PLUS-EN3	Conventional Audio-Visual device certified EN54.3 without flash. Matt white with red film and red text film.
PAN1-PLUS-SW	Metallic bracket for wall mounting for PAN1-PLUS.
PAN1-PLUS-SC	Metallic bracket for ceiling mounting for PAN1-PLUS.
FRONT-PAN1-PL-R	Frame for PAN1-PLUS-EL in fire red with red film.
FRONT-PAN1-PL-G	Frame for PAN1-PLUS-EL in matt grey with red film.
FRONT-PAN1-PL-X	Frame for PAN1-PLUS-EL, available in a different colors. Grey and red films. Minimum order quantity: 20 pieces.
PAN1-PLUS-INC	Recess box for PAN1-PLUS.
EL-PAN1-PLUS-CNV	Bottom without color frame and with conventional electronic card.
TXT-PAN1-PLUS	Special Silkscreen frame for TEXT FILMS not in catalogue.
P-PAN1-P-XXX-G/R	Standard text film on grey or red background.







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