PRODUCT DATASHEET - CONVENTIONAL WALL SOUNDER (RED)

PRO-SENSE
Conventional Device

TI-002272

DESCRIPTION

The TI-002272 Conventional Wall Sounder forms the core of our modular alarm device range. The unit can either be used as a standalone conventional device or as an intelligent unit by the addition of a Wired Intelligent Sounder Interface Module (TI-002260) or wireless Intelligent Sounder Interface Module (TI-002256/TI-002256A)
All devices are weather proof, therefore this combined with the modular approach means the majority of applications can be achieved with very few stock components. The unit is equipped with 3 levels of volume adjustment and 32 recognised tones which can be set via the control equipment or locally at the sounder.

Note: Also available in white.

KEY FEATURES

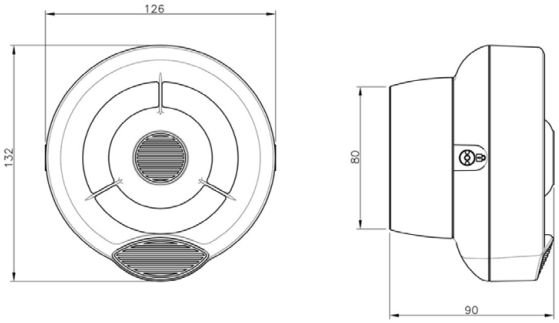
- Flexible modular design, compatible with CFX-Plus Intelli-Sense and Wave-Sense Modules
- 1 year product warranty
- Designed and tested as per EN54-3, Certified by LPCB
- 32 Tone Settings
- Two stage alarm capability
- Weatherproof as standard
- Easy to install
- High sound output capability
- On site adjustable volume settings
- Microphone self test facility
- Robust with high reliability

TECHNICAL SPECIFICATION

Power supply voltage range	15Vdc – 40Vdc
Activated current load (High Vol.)	5-8 mA at 24 Vdc
Acoustic Frequency range	400-2900 Hz
Maximum acoustic Output	100 dB(A) @ 1m
Temperature range (no icing)	-25°C to +70°C
Unit weight (inc Back box)	290g
Max humidity (non condensing)	95% RH
Ingress Protection	Designed to meet IP 65

Note: Functionality is dependant on the control equipment and module selection.

TECHNICAL INFORMATION



STANDARDS & APPROVALS

- BS EN 54-3 (Type B): Fire Alam Device, Sounders

TI-002272_TDS_
VERSION (01)

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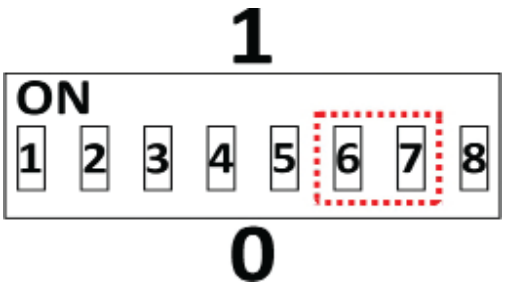
OUTPUT VOLUME SETTING

Use the DIP switch at the back of the sounder body for setting the output volume; in particular, switches 6 and 7 are used. The switches positioned upwards acquire value "1" or when positioned downwards acquire value "0".

Refer to table below and set the position of both switches 6 and 7 according to the required volume when the sounder is active.



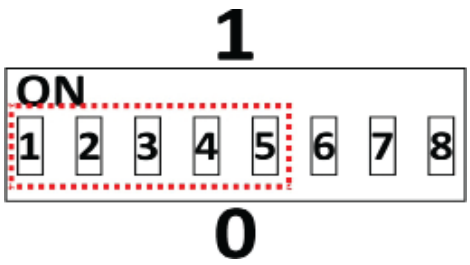
Tone volume	Switch 6	Switch 7	dB(A) evaluation	Notes
HIGH	1	1	100 dB(A) +0/-3	All tones
MEDIUM HIGH	0	1		All tones
MEDIUM LOW	1	0		All tones
LOW	0	0		

OUTPUT TONE SETTING

Use the DIP switch at the back of the sounder body for setting the output tone; in particular, switches 1 to 5 are used. The switches positioned upwards acquire value "1" or when positioned downwards acquire value "0".

Using the DIP switches it is possible to select a tone between 1 and 32. Utilises the Standard or Alternative wiring connections determines whether this tone is selected from the Standard of Alternative tone tables (Page 4 and 5), when the sounder is activated.

When using the Intelligent interface module the Standard and alternative tones may be selected via the loop protocol and control panel settings.*



*Note: Not all functionality may be available on all control equipment.
Contact technical support for specific advice.

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STANDARD TONE TABLE

No:	Tone Description	Tone Description	1	2	3	4	5
1	Warble Tone	800Hz for 500ms, then 1000Hz for 500ms	1	1	1	0	1
2	Continous Tone	970Hz continuous tone	0	1	0	1	1
3	Slow Whoop (Dutch)	500-1200Hz for 3500ms, then off for 500ms	1	0	1	0	1
4	German DIN Tone	1200Hz-500Hz sweep every 1000ms (1Hz)	0	0	1	1	1
5	Alternative HF slow sweep	2350Hz-2900Hz sweep every 333ms (3Hz)	1	0	0	1	0
6	Alternative Warble	800Hz for 250ms, then 960Hz for 250ms	1	1	1	1	0
7	Alternative Warble	500Hz for 250ms, then 600Hz for 250ms	1	1	1	1	0
8	Analogue Sweep Tone	500Hz-600Hz sweep every 500ms (2Hz)	1	0	1	0	0
9	Australian Alert (intermittent)	970Hz for 625ms, then off for 625ms	1	0	0	0	1
10	Australian Evac (slow whoop)	500-1200Hz sweep for 3750ms, then OFF for 250ms	1	0	1	1	0
11	FP1063.1- Telecom	800Hz for 250ms, then 970Hz for 250ms	0	0	0	0	1
12	French Tone (Afnor)	554Hz for 100ms then 440Hz for 400ms	0	0	0	0	1
13	HF Back Up interupted Tone	2800Hz for 1sec then off for 1 second	1	1	0	1	1
14	HF Back Up interupted Tone (fast)	2800Hz for 150ms, then off for 150ms	1	1	0	0	1
15	HF Continous	2800Hz continuous	0	1	0	0	1
16	Interrupted Tone	800Hz for 500ms, then off for 500ms	0	1	1	1	1
17	Interrupted Tone medium	1000Hz for 250ms, then off for 250ms	0	1	1	0	1
18	ISO 8201 LF BS5839 Pt1 1988	970Hz for 500ms, then OFF for 500ms	0	1	1	1	0
19	ISO 8201 HF	2800Hz for 500ms, then OFF for 500ms	0	1	1	0	0
20	LF Backup Alarm	800Hz for 150ms, then OFF for 150ms	1	1	0	1	0
21	LF Buzz	800Hz-950Hz sweep every 9ms	0	1	0	1	0
22	LF Continous Tone BS5839	800Hz continuous	1	1	0	0	0
23	Silent	No Sound	1	1	1	1	1
24	Siren 2 way ramp (long)	500-1200Hz rising for 3000ms, then falling for 3000ms	0	0	0	0	0
25	Siren 2 way ramp (short)	500-1200Hz rising for 250ms, then falling for 250ms	0	0	0	1	0
26	Swedish All Clear	660Hz continuous	0	0	1	0	0
27	Swedish Fire Signal	660Hz for 150ms, then OFF for 150ms	0	0	1	1	0
28	Sweep Tone (1Hz)	800-900Hz sweep every 1000ms	1	0	1	1	1
29	Sweep Tone (3Hz)	800-970Hz sweep every 333ms	1	0	0	1	1
30	Sweep Tone (9Hz)	800-970Hz sweep every 111ms	0	1	0	0	0
31	US Temporal Pattern HF	(2900Hz for 500ms,then 500ms off) x3 then 1500ms off	0	0	0	1	1
32	LF Sweep (Cranford Tone)	800Hz -1000Hzsweep every 500ms (2Hz)	1	0	0	0	0

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ALTERNATE TONE TABLE

No:	Tone Description	Tone Description	1	2	3	4	5
1	Continous Tone	800Hz continuous	1	1	1	0	1
2	Continous Tone	1000Hz continuous tone	0	1	0	1	1
3	Slow Whoop (Dutch)	500-1200Hz for 3500ms, then off for 500ms	1	0	1	0	1
4	Continous Tone	800Hz continuous	0	0	1	1	1
5	Continous Tone	2400Hz continuous	1	0	0	1	0
6	Continous Tone	800Hz continuous	1	1	1	1	0
7	Continous Tone	500Hz continuous	1	1	1	1	0
8	Continous Tone	500Hz continuous	1	0	1	0	0
9	Continous Tone	2400Hz continuous	1	0	0	0	1
10	Australian Evac (slow whoop)	500-1200Hz sweep for 3750ms, then OFF for 250ms	1	0	1	1	0
11	Siren 2 way ramp (short)	500-1200Hz rising for 250ms, then falling for 250ms	0	0	0	0	1
12	Continous Tone	800Hz continuous	0	0	0	0	1
13	Continous Tone	2800Hz continuous	1	1	0	1	1
14	Continous Tone	800Hz continuous	1	1	0	0	1
15	Continous Tone	2800Hz continuous	0	1	0	0	1
16	Continous Tone	800Hz continuous	0	1	1	1	1
17	Continous Tone	800Hz continuous	0	1	1	0	1
18	ISO 8201 LF BS5839 Pt1 1988	970Hz for 500ms, then OFF for 500ms	0	1	1	1	0
19	ISO 8201 HF	2850Hz for 500ms, then OFF for 500ms	0	1	1	0	0
20	Continous Tone	800Hz continuous	1	1	0	1	0
21	Continous Tone	800Hz continuous	0	1	0	1	0
22	Continous Tone	800Hz continuous	1	1	0	0	0
23	Continous Tone	800Hz continuous	1	1	1	1	1
24	Continous Tone	800Hz continuous	0	0	0	0	0
25	Continous Tone	800Hz continuous	0	0	0	1	0
26	Continous Tone	660Hz continuous	0	0	1	0	0
27	Swedish Fire Signal	660Hz for 150ms, then OFF for 150ms	0	0	1	1	0
28	Continous Tone	800Hz continuous	1	0	1	1	1
29	Continous Tone	800Hz continuous	1	0	0	1	1
30	Continous Tone	800Hz continuous	0	1	0	0	0
31	Continous Tone	2900Hz continuous	0	0	0	1	1
32	Continous Tone	800Hz continuous	1	0	0	0	0

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