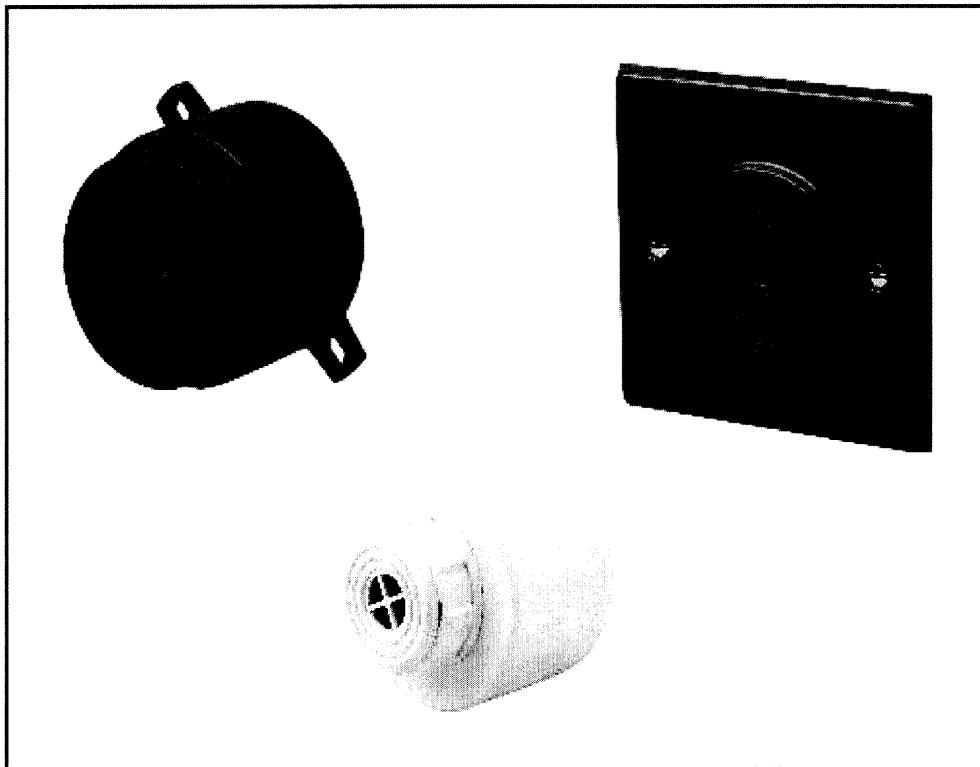


Fulleon [Back to Contents](#)**DATASHEETS**

Askari Electronic Sounders



The Askari range of electronic sounders has been developed to provide alarm signals for a wide variety of fire, commercial and industrial signalling applications.

Designed for reliability in operation, three different models are available: the Askari Compact sounder for use in hotel bedrooms and other areas where unobtrusive installation is important; the Askari Panel, for panel mounting and use in industrial instrumentation and control centre applications; the Askari Flange, for surface mounting within cabinets and machines for industrial control, transport and vending machine applications.

- **28 SIGNAL TONES AVAILABLE**
- **12V DC & 24V DC OPERATION IN SAME SOUNDER NO ADJUSTMENT REQUIRED**
- **HIGH SOUND OUTPUT WITH LOW CURRENT CONSUMPTION**
- **AUTOMATIC SYNCHRONISED PHASED START**
- **ENCAPSULATED ELECTRONICS**

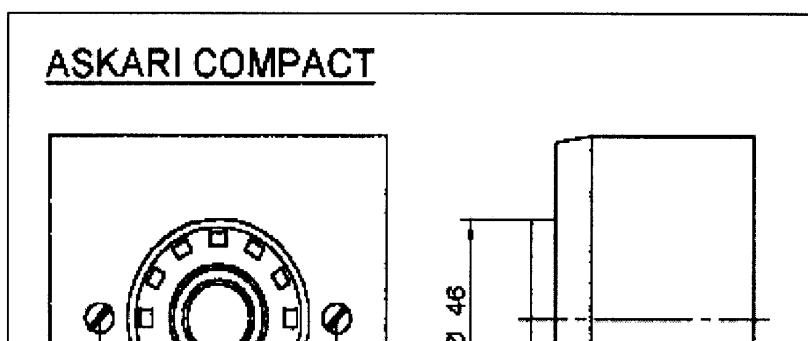
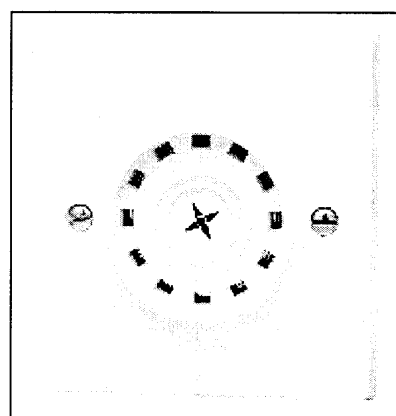
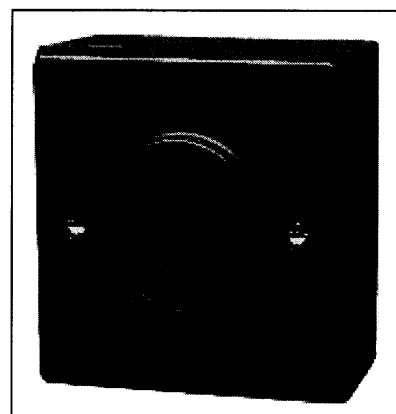
- AVAILABLE IN RED OR WHITE ABS MOULDING
- VERSIONS APPROVED TO CNPP REQUIREMENTS

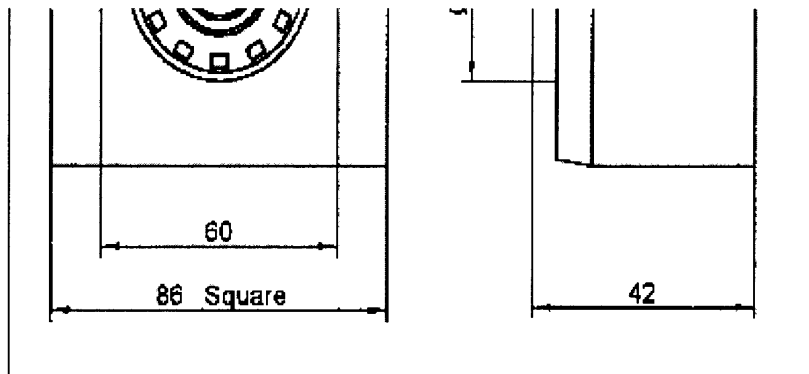
Askari Specifications

Askari Compact

The Askari Compact is an ideal electronic sounder for use in hotel bedrooms and has been designed to meet the requirements of BS5839 Part 1 with regard to sound output in sleeping risk areas, its compact design will blend in with most decors to provide an unobtrusive flush or surface mounting sounder.

- The sounder is supplied pre-set to any one of 28 tones (see tone table). The unit is set to tone 3 unless specified otherwise.
- A second pre-set tone is available if a third wire is installed in the sounder circuit (see tone table).
- The sounder can be flush mounted using a standard single gang flush mounting box (minimum box depth of 36mm to allow wiring termination clearance), or a surface mounting box can be supplied.
- The signal tones available match those available for the Roshni and Squashni range of sounders and can therefore be mixed in the same system.
- Volume control.
- Available in red or white ABS moulding.

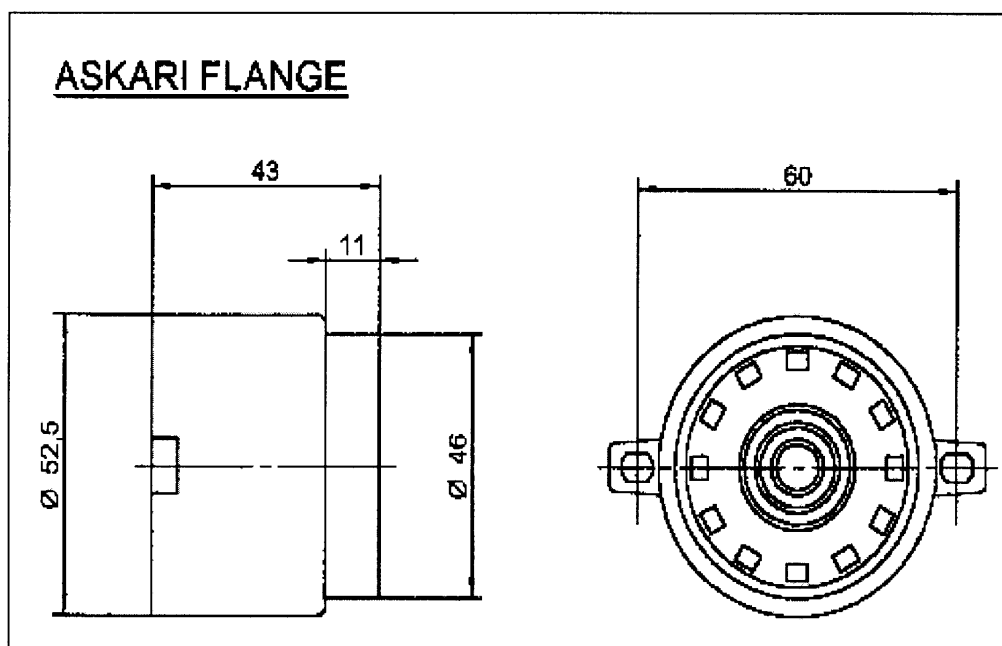
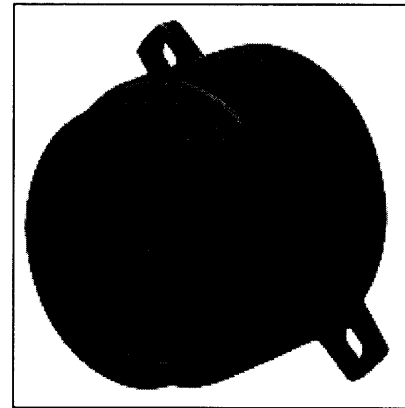




Askari Flange

The Askari Flange sounder is designed for use in applications where an alarm signal is required from within cabinets or machines. The sounder has a wide variety of applications including pedestrian crossing sound signals, vending machine security alarms etc.

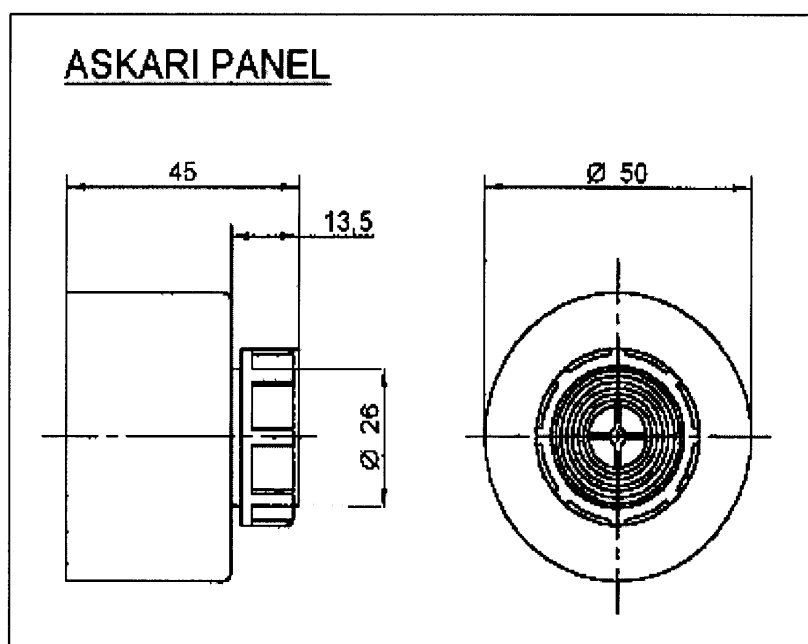
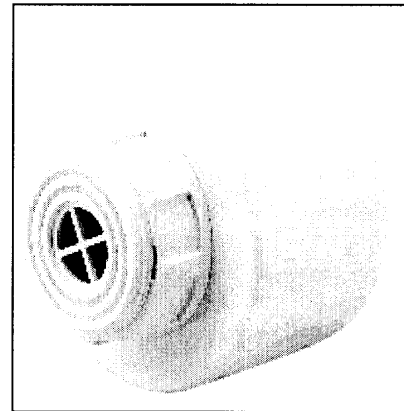
- Two protruding flanges enable the sounder to be securely fixed to any surface.
- The sounder is supplied pre-set to any one of 28 tones (see tone table). The unit is set to tone 5 unless specified otherwise.
- A second pre-set tone is available if a third wire is installed in the sounder circuit (see tone table).



Askari Panel

The Askari Panel sounder has been developed for instrumentation and control panel alarms, being designed for easy mounting onto panel fronts.

- The screw on top clamps the sounder body to the panel surface.
- The sounder is supplied pre-set to one of 28 different tones (see tone table). The unit is set to tone 5 unless specified otherwise.
- A second pre-set tone is available if a third wire is installed in the sounder circuit (see tone table).
- The Askari Panel sounder is supplied with three flying leads for circuit connection.
- Optional volume control.

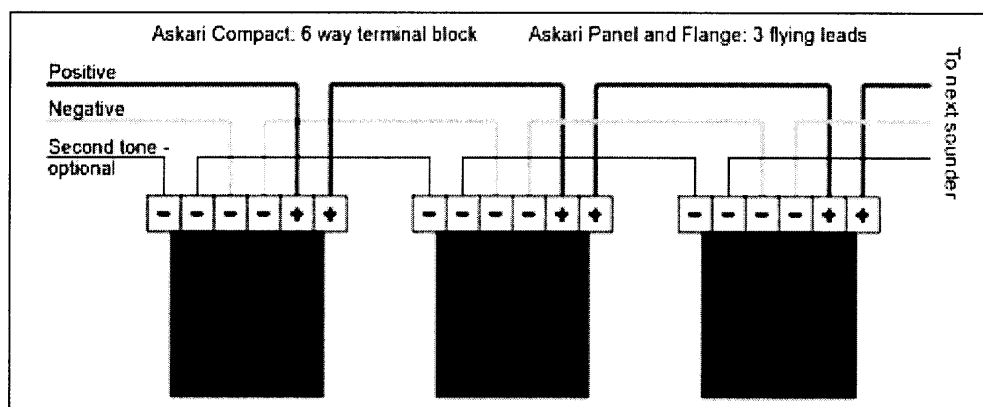


A 26mm dia. panel aperture required for fixing.

Specifications

Model No	Askari Compact	Askari Flange	Askari Panel
Operation	Continuously Rated		
Operating Voltage Range	9 - 28V DC		
Sound Output	See table below		

Current Consumption	See table below		
Starting Current	30mA for 2 milliseconds		
Starting Time	1.5 milliseconds		
Automatic Synchronisation	Synchronised phased start		
Frequency Stability	+/- 0.5%		
Operating Temperature	-40°C to +80°C		
Line Monitoring Method	Polarised Input		
Construction	ABS plastic case Red or White		
Ingress Protection	IP54 with back box	IP65	IP65
Dimensions	85.75mm x 85.75mm x 36mm deep	50mm dia. x 44mm deep	52mm dia. x 43mm deep
Weight	109g	85g	95g



No.	Tones	2nd Tone	Code 12345	Description	Typical current (average mA)		Typical Sound Output $\pm 2\text{dBA}$ at 1m	
					12V	24V	12V	24V
1	Alternating Tones 800/970 at 2 Hz	14	11111		10	18	91	95
2	Sweeping 800/970 Hz at 7 Hz	14	11110	Fast Sweep (LF)	10	18	94	97
3	Sweeping 800/970 Hz at 1 Hz	14	11101	Medium Sweep (LF)	10	18	94	97
4	Continuous at 2850 Hz	14	11100		16	32	102	105
5	Sweeping 2400-2850 Hz at 7 Hz	4	11011	Fast Sweep	18	30	101	106
6	Sweeping 2400-2850 Hz at 4 Hz	4	11010		17	30	101	106

	1 Hz							
7	Slow Whoop	14	11001	Slow Whoop	12	20	92	96
8	Sweep 1200-500 Hz at 1 Hz	14	11000	Din Tone	9	16	91	95
9	Alternating Tones 2400/2850 2 Hz	4	10111		19	30	100	105
10	Intermittent Tone of 970 Hz at 1Hz	14	10110	Back-up Alarm (LF)	9	12	89	93
11	Alternating Tones 800/970 Hz at 1Hz	14	10101		10	18	90	95
12	Intermittent Tone at 2850 Hz at 1Hz	4	10100	Back-up Alarm (HF)	14	24	101	105
13	970 Hz at 1/4 sec. on 1 sec. off	14	10011		5	8	85	90
14	Continuous at 970 Hz	14	10010		11	20	90	94
15	554 for 100 ms and 440 Hz for 400ms	14	10001	French Fire Sound	7	12	86	91
16	Intermittent 660 Hz 150ms On/150 ms Off	16	10000	Swedish Alarm Tone	6	9	83	88
17	Intermittent 660 Hz 1.8s On/1.8s Off	17	01111	Swedish Alarm Tone	7	12	85	90
18	Intermittent 660 Hz 6.5s On/13s Off	18	01110	Swedish Alarm Tone	8	14	86	91
19	Continuous 660 Hz	19	01101	Swedish Alarm Tone	8	14	86	91
20	Alternating 554/440 Hz at 1 Hz	20	01100	Swedish Alarm Tone	7	13	86	91
21	Intermittent 660 Hz at 1 Hz	21	01011	Swedish Alarm Tone	6	10	84	89
22	Intermittent 2850 Hz 150 ms On/100 ms Off	14	01010	Pelican Crossing	13	22	100	105
23	Sweep 800-970 Hz at 50 Hz	14	01001	Low Frequency Buzz	10	18	92	96
24	Sweep 2400-2850 Hz at 50 Hz	4	01000	High Frequency Buzz	14	25	100	106
25	Intermittent 970Hz 500ms On/500ms Off	25	00111	ISO 8201 Low Frequency	9	14	88	92
26	Intermittent 2850Hz 500ms On/500ms Off	26	00110	ISO 8201 High Frequency	12	20	100	104
27	Continuous at 4kHz	27	00101		18	35	97	101
28	Alternating tones 800/970 at 2Hz	10	00100	FP1063.1	10	17	91	95

N.B. Sound output figures for the Flange and Panel sounders are typically 5dB(A) less than for the Compact sounder.

ORDERING CODES		EXAMPLE: AC/R/3/BB	
_ _ _ _ _		Askari Compact/Red/Tone 3/Back Box	
VC	-	Optional volume control (Flange and Panel only)	
BB	-	Back box for surface mounting (Compact only)	
nn	-	Tone number	
R or W	-	Red or White ABS moulding	
AC	-	Askari Compact	

AC	-	Askari Compact
AP	-	Askari Panel
AF	-	Askari Flange

We reserve the right to change, without prior notice, the specification of these products from that detailed.
Data shown is typical for operation under normal ambient conditions.

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