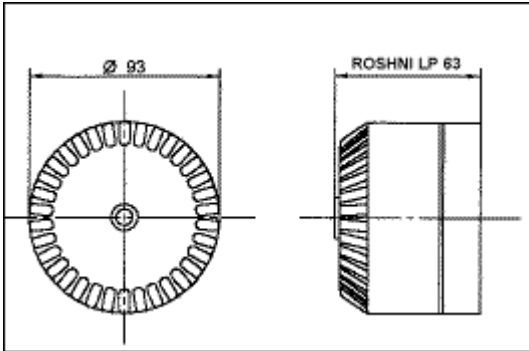
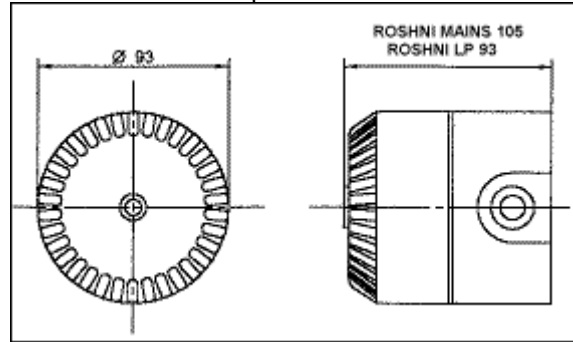


*Roshni Electronic Sounders Technical Data*

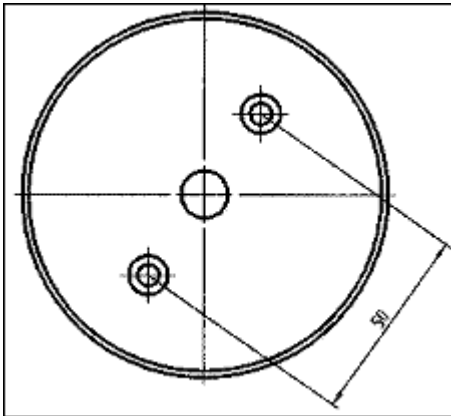
ROSHNI / LP & Shallow Base



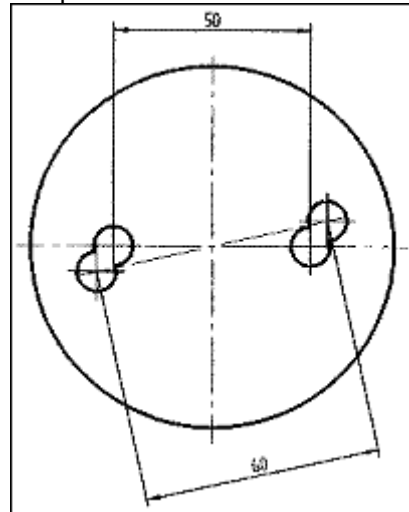
ROSHNI / LP & Deep Base / U Base



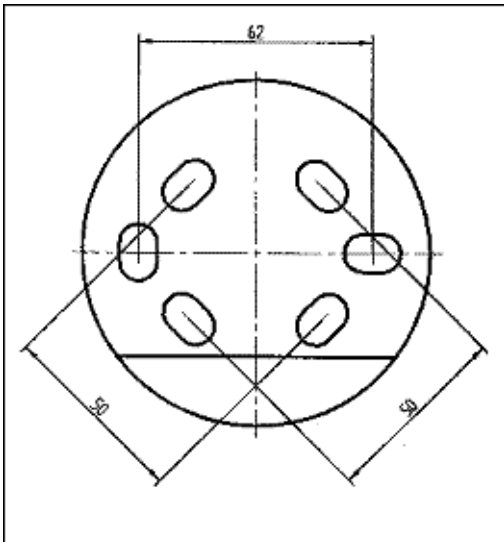
Shallow Base



Deep Base

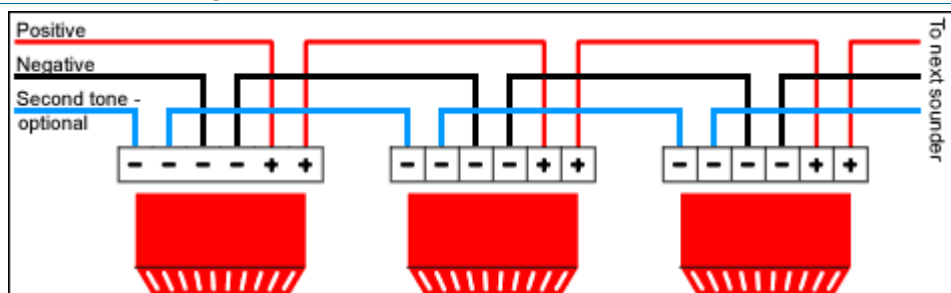


U-Base



Model	Roshni LP	Roshni Mains
Operation	Continuous	Continuous
Operating Voltage Range	9 - 28Vdc	110 - 240Vac
Sound Output	See Tone Table	100dB(A) (240Vac)
Current Consumption	See Tone Table	35mA (at 240Vac)
Tones	1 to 32 on Table	1 to 28 on Table
Starting Current	30mA for 2ms	N/A
Synchronisation	Synchronised start	Synchronised start
Frequency Stability	+/- 0.15%	+/- 0.15%
Operating Temperature	-25°C to +80°C	-20°C to +55°C
Line Monitoring	Reverse polarity	N/A
Construction	ABS	ABS
Ingress Protection		
Shallow base	IP54	N/A
Deep base	IP65	IP65
"U" base	IP65	IP65
Weight		
Shallow base	0.24kg	N/A
Deep base	0.26kg	0.31kg
"U" base	0.26kg	0.31kg
Dimensions		
Shallow base	93mm dia x 63mm deep	N/A
Deep base	93mm dia x 93mm deep	93mm dia x 105mm deep
"U" base	93mm dia x 93mm deep	93mm dia x 105mm deep

Connection Diagram



## Roshni Specification

No.		2nd Tone	Code 12345	Description	Typical current (average mA)		Typical sound* output +/- 2dB(A) at 1m	
					12V	24V	12V	24V
1	Alternating Tones 800/970 at 2 Hz	14	11111	BS5839 Part 1 1988	8	16	94	101
2	Sweeping 800/970 Hz at 7 Hz	14	11110	Fast Sweep (LF) BS5839 Part 1 1988	8	16	95	102
3	Sweeping 800/970 Hz at 1 Hz	14	11101	Medium Sweep (LF) BS5839 Part 1 1988	8	16	96	102
4	Continuous at 2850 Hz	14	11100		14	30	105	111
5	Sweeping 2400-2850 Hz at 7 Hz	4	11011	Fast Sweep	16	28	104	111
6	Sweeping 2400-2850 Hz at 1 Hz	4	11010		15	28	104	111
7	Slow Whoop 500-1200 Hz 3s on 0.5 off	14	11001	Slow Whoop	10	18	93	99
8	Sweep 1200-500 Hz at 1 Hz	14	11000	Din Tone	7	14	92	99
9	Alternating Tones 2400/2850 2 Hz	4	10111		17	28	103	110
10	Intermittent Tone of 970 Hz at 1Hz	14	10110	Back-up Alarm (LF) BS5839 Part 1 1988	7	10	94	101
11	Alternating Tones 800/970 Hz at 1Hz	14	10101	BS5839 Part 1 1988	8	16	94	101
12	Intermittent Tone at 2850 Hz at 1Hz	4	10100	Back-up Alarm (HF)	12	22	103	110
13	Intermittent 970 Hz 0.25s on 1s off	14	10011	BS5839 Part 1 1988	3	6	90	97
14	Continuous at 970 Hz	14	10010	BS5839 Part 1 1988	9	18	95	102
15	Alternating 554 Hz for 100 ms / 440 Hz for 400ms	14	10001	French Fire Sound	5	10	88	94
16	Intermittent 660 Hz 150ms On/150 ms Off	16	10000	Swedish Alarm Tone	4	7	81	87
17	Intermittent 660 Hz 1.8s On/1.8s Off	17	01111	Swedish Alarm Tone	5	10	84	89
18	Intermittent 660 Hz 6.5s On/13s Off	18	01110	Swedish Alarm Tone	6	12	84	89
19	Continuous 660 Hz	19	01101	Swedish Alarm Tone	6	12	84	90
20	Alternating 554/440 Hz at 1 Hz	20	01100	Swedish Alarm Tone	5	11	91	97

21	Intermittent 660 Hz at 1 Hz	21	01011	Swedish Alarm Tone	4	8	82	88
22	Intermittent 2850 Hz 150 ms On/100 ms Off	14	01010	Pelican Crossing	11	20	102	110
23	Sweep 800-970 Hz at 50 Hz	14	01001	Low Frequency Buzz BS5839 Part 1 1988	8	16	96	102
24	Sweep 2400-2850 Hz at 50 Hz	4	01000	High Frequency Buzz	12	23	104	111
25	Intermittent 970Hz 500ms On/500ms Off	25	00111	ISO 8201 Low Frequency BS5839 Part 1 1988	7	12	93	100
26	Intermittent 2850Hz 500ms On/500ms Off	26	00110	ISO 8201 High Frequency	10	18	102	109
27	Continuous at 4kHz	27	00101		16	33	76	84
28	Alternating tones 800/970 at 2Hz	10	00100	FP1063.1 - telecoms	8	15	94	101
29	Alternating tones 988/645 at 2Hz	988Hz	00011	Symphoni tones	13	19	93	100
30	Alternating 510/610 at 1Hz	510Hz	00010	Squashni micro	9	13	92	97
31	Sweeping 300-1200 at 1Hz	31	00001		13	19	91	97
32	Continuous at 4kHz	27	00101		16	33	76	84

\* When tested in fully anechoic conditions to prEN54-3. In practical semi-reverberant conditions outputs may be upto 5dB(A) higher dependant on the tone employed.

Roshni 6 way terminal block