Sounder Beacons
Series ISB-C

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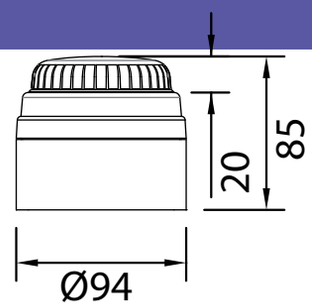

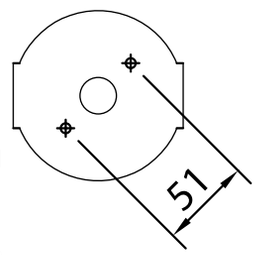

112dB (Max) multi-tone sounder with integrated LED beacon, complementing our standard Series B & Series C Industrial range of products

Circuitry is fixed to the lens cap assembly, with convenient access to the terminal block for wiring, as well as tone selector switch and volume control, allowing easy fitting of bases and wiring during installation, and safe storage of the electronics for phase 2 fitting.

Cap is fitted to the base by bayonet fitting with an O-ring seal, secured by a single securing grub screw. There are no other external fixings, and all connections between enclosure parts are protected by O-rings.

Simple 2-wire connection to energise sounder with second-stage tone available on a third wire. Each of the 64 tone combinations are selected using an internal DIP-switch array. Maximum volume can be adjusted via an internal preset control.

Standard units feature White ABS base and clear lens. Choice of Red or White ABS base mouldings to either match or be distinguishable from existing equipment.

	ISB-C/DC/10-40/LED/Colour	ISB-C/UC/VRD/LED/Colour	ISB-C/UC/115-230/LED/Colour
Supply Voltage	24Vdc	VRD	115-230Vac/dc
Minimum Supply Voltage	10Vdc	45Vac / 55Vdc	98Vac/dc
Maximum Supply Voltage	40Vdc	65Vac / 95Vdc	265Vac/dc
Average Current Draw (Tone 25)	227mA @24Vdc	165mA @48Vac	75mA @115Vac
Peak Operating Current (Tone 25)	308mA @24Vdc	645mA @48Vac	343mA @115Vac
Nominal power consumption (Tone 25)	5.45W	4.64W	4.96W
Luminous Intensity Red		36Cd	
Amber		39Cd	
Green		113Cd	
Blue		46Cd	
Clear		179Cd	
Angle of max rated brilliance		On axis with front face	
Recommended fuse rating		External - 1A TD	
IEC protection class		IP66	
Operating Temperature Range		-20 to +45 Degrees C	
Net Product Weight	217g	222g	222g

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Switch Setting 123456	Tone No	Tone Description	2nd Tone No	dB(A)	Is 12Vdc (mA)	Is 24Vdc (mA)	Is 40Vdc (mA)	Arms 48Vac(mA)	Arms 115Vac(mA)	Arms 230Vac(mA)
000000	1	420 INT @ 625mS/625mS (aus evac)	22	94	128	62	37	51	30	18
100000	2	554/440 ALT @ 0.1S/0.4S	14	96	148	72	43	57	33	20
010000	3	554/440 ALT @1Hz	3	100	150	73	44	58	33	20
110000	4	660	4	92	168	83	49	63	36	21
001000	5	660 INT 1S on/1S off	5	92	139	67	40	55	31	19
101000	6	660 INT @ 1.8S on/1.8S off	6	92	136	67	40	54	31	19
011000	7	660 INT @ 6.5S on/13S off	7	92	127	63	37	51	30	19
111000	8	800/970 ALT	14	102	184	91	54	68	38	23
000100	9	800/970 ALT @1Sec/1Sec	14	102	185	91	54	68	38	23
100100	10	800-970 SWEEP @1Hz	14	104	180	88	52	67	38	23
010100	11	800-970 SWEEP @7Hz	14	102	181	88	52	67	37	23
110100	12	800-970 SWEEP @50Hz	14	102	181	88	52	67	38	23
001100	13	800-970-800 SWEEP @1/1Hz	14	104	181	88	52	67	37	23
101100	14	970	14	103	196	96	57	71	39	24
011100	15	970 INT @1Hz	14	103	151	74	44	58	33	21
111100	16	660 INT @ 150mS/150mS	16	87	138	67	40	55	32	20
000010	17	970 INT 0.5s on / 0.5s off	17	100	153	73	45	58	33	20
100010	18	970 INT @0.25s ON/1S OFF	14	93	133	61	36	52	30	18
010010	19	1000 (toxic gas alarm)	21	102	200	98	58	74	39	24
110010	20	1000 INT @1s/1s (gen alarm)	21	101	156	75	45	60	34	21
001010	21	1200-500 SWEEP @1Hz (papa)	20	99	169	83	49	65	36	22
101010	22	2100-1000 SWEEP @ 500mS	23	96	256	123	73	95	47	29
011010	23	1600/2100 ALT @250mS/250mS	24	98	381	184	109	135	63	39
111010	24	1600-2100-1600 SWEEP @ 1s/1s	23	96	378	184	109	131	60	38
000110	25	2400/2850 ALT	29	112	470	227	134	165	75	48
100110	26	2400-2850 SWEEP @1Hz	29	112	450	217	128	160	70	46
010110	27	2400-2850 SWEEP @7Hz	29	111	450	217	128	161	69	46
110110	28	2400-2850 SWEEP @50Hz	29	111	449	216	128	159	69	45
001110	29	2850	14	112	476	231	134	169	78	51
101110	30	2850 INT @1Hz	29	112	294	142	84	109	52	33
011110	31	2850 INT 0.5s on / 0.5s off	31	110	293	143	86	119	54	35
111110	32	2850 INT 150ms on / 100mS off	14	109	331	161	97	136	59	39
000001	33	660 Hz INT @ 150mS/150mS	56	85	136	67	41	57	32	19
100001	34	660 Hz INT @ 150mS/150mS	56	85	136	67	41	57	32	19
010001	35	660 Hz INT @ 150mS/150mS	56	85	136	67	41	57	32	19
110001	36	660 Hz INT @ 150mS/150mS	57	85	136	67	41	57	32	19
001001	37	660 Hz INT @ 150mS/150mS	57	85	136	67	41	57	32	19
101001	38	660 Hz INT @ 150mS/150mS	57	85	136	67	41	57	32	19
011001	39	660 Hz INT @ 150mS/300mS	56	85	127	62	38	53	30	19
111001	40	660 Hz INT @ 150mS/300mS	56	85	127	62	38	53	30	19
000101	41	660 Hz INT @ 150mS/300mS	56	85	127	62	38	53	30	19
100101	42	660 Hz INT @ 150mS/300mS	57	85	127	62	38	53	30	19
010101	43	660 Hz INT @ 150mS/300mS	57	85	127	62	38	53	30	19
110101	44	660 Hz INT @ 150mS/300mS	57	85	127	62	38	53	30	19
001101	45	660 Hz INT @ 6.5S on/13S off	47	92	127	63	37	51	30	19
101101	46	300 Hz Continuous	8	96	132	65	39	53	31	19
011101	47	800 Hz INT @ 6.5S on/13S off	56	94	130	63	38	53	31	18
111101	48	300 Hz INT @ 6.5S on/13S off	51	96	115	57	34	48	29	17
000011	49	340 Hz Continuous	8	92	137	67	40	54	32	19
100011	50	440 Hz Continuous	8	93	148	72	43	57	33	20
010011	51	554 Hz Continuous	22	101	152	75	45	59	34	21
110011	52	800 Hz Continuous	8	96	175	86	51	67	37	23
001011	53	1200 Hz Continuous	8	90	211	103	62	78	41	25
101011	54	2000 Hz Continuous	23	97	453	217	129	152	69	44
011011	55	2400 Hz Continuous	13	107	453	218	128	152	71	45
111011	56	800 Hz INT @ 0.8S on/0.8S off	11	94	144	69	42	55	32	20
000111	57	660 Hz INT @ 0.8S on/0.8S off	56	92	144	67	41	55	32	20
100111	58	1000 Hz INT @ 1s/1s (gen alarm)	54	101	156	75	45	60	34	21
010111	59	800-970 Hz SWEEP @ 1Hz	22	104	180	88	52	67	38	23
110111	60	800 Hz Continuous	20	96	175	86	51	67	37	23
001111	61	800-970-800 Hz SWEEP @ 1/1Hz	19	104	181	88	52	67	37	23
101111	62	1000 Hz (toxic gas alarm)	54	102	200	98	58	74	39	24
011111	63	2400 Hz Continuous	25	107	453	218	128	152	71	45
111111	64	1600/2100 Hz ALT @ 250mS/250mS	21	98	381	184	109	135	63	39

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