

INDUSTRIAL SIGNALLING

Sounders and Sounder-Beacons



SON4L LED Tones

Stage 1	Description	Sound Output db@1m	Stage 2	Stage 3
Tone 1	800/1000Hz @ 0.25 sec Alternating	99dB	Tone 8	Tone 5
Tone 2	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	100dB	Tone 1	Tone 8
Tone 3	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	99dB	Tone 1	Tone 8
Tone 4	AS1670: 1500-500Hz 0.5 sec on 0.5 sec off x 3 with 1.5 sec gap	100dB	Tone 7	Tone 2
Tone 5	1000Hz Continuous - PFEER Toxic Gas	100dB	Tone 1	Tone 6
Tone 6	Bell	95dB	Tone 1	Tone 8
Tone 7	AS1670: 500-1200Hz Sweeping 2 sec on 1 sec off	100dB	Tone 4	Tone 1
Tone 8	2400/2900Hz @ 50Hz Sweeping	100dB	Tone 5	Tone 1
Tone 9	AS2220: 420Hz repeating 0.625 sec on, 0.625 sec off.	97dB	Tone 10	Tone 5
Tone 10	AS2220: 500-1200Hz Sweeping 3.75 sec on 0.25 sec off (15 cycles/min)	100dB	Tone 6	Tone 5

A100-A105N Tones

Tone 1	340 Hz Continuous	93/102dB	Tone 2	Tone 5
Tone 2	800/1000Hz @ 0.25 sec Alternating	101/106dB	Tone 17	Tone 5
Tone 3	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	101/106B	Tone 2	Tone 5
Tone 4	800/1000Hz @ 1Hz Sweeping	101/106dB	Tone 6	Tone 5
Tone 5	2400Hz Continuous	103/112dB	Tone 3	Tone 20
Tone 6	2400/2900Hz @ 7Hz Sweeping	100/108dB	Tone 7	Tone 5
Tone 7	2400/2900Hz @ 1Hz Sweeping	101/108dB	Tone 10	Tone 5
Tone 8	500/1200/500Hz @ 0.3Hz Sweeping	100/106dB	Tone 2	Tone 5
Tone 9	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	101/106dB	Tone 15	Tone 2
Tone 10	2400/2900Hz @ 2Hz Alternating	104/110dB	Tone 7	Tone 5
Tone 11	1000Hz @ 1Hz Intermittent	101/106dB	Tone 2	Tone 5
Tone 12	800/1000Hz @ 0.875Hz Alternating	101/106dB	Tone 4	Tone 5
Tone 13	2400Hz @ 1Hz Intermittent	103/112dB	Tone 15	Tone 5
Tone 14	800Hz 0.25 sec on, 1 sec off Intermittent	103/108dB	Tone 4	Tone 5
Tone 15	800Hz Continuous	103/108dB	Tone 2	Tone 5
Tone 16	AS2220: 420Hz repeating 0.625 sec on, 0.625 sec off.	91//103dB	Tone 18	Tone 5
Tone 17	544Hz (100mS)/440Hz (400mS) - NF S 32-001	100/104dB	Tone 2	Tone 27
Tone 18	AS2220: 500-1200Hz Sweeping 3.75 sec on 0.25 sec off (15 cycles/min)	100/106dB	Tone 16	Tone 5
Tone 19	1.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s -NFC48-265	98/106dB	Tone 2	Tone 5
Tone 20	660Hz Continuous	96/104dB	Tone 2	Tone 5
Tone 21	554Hz/440Hz @ 1Hz Alternating	100/104dB	Tone 2	Tone 5
Tone 22	544Hz @ 0.875 sec. Intermittent	100/104dB	Tone 2	Tone 5
Tone 23	800Hz @ 2Hz Intermittent	97/108dB	Tone 6	Tone 5
Tone 24	800/1000Hz @ 50Hz Sweeping	101/108dB	Tone 29	Tone 5
Tone 25	2400/2900Hz @ 50Hz Sweeping	101/108dB	Tone 29	Tone 5
Tone 26	1000Hz @ 1Hz Intermittent	101/106dB	Tone 5	Tone 15
Tone 27	554Hz Continuous	101/104dB	Tone 11	Tone 5
Tone 28	440Hz Continuous	97/103dB	Tone 2	Tone 5
Tone 29	800/1000Hz @ 7Hz Sweeping	101/105dB	Tone 7	Tone 5
Tone 30	AS1670: 1500-500Hz 0.5 sec on 0.5 sec off x 3 with 1.5 sec gap	100/106dB	Tone 32	Tone 26
Tone 31	660/1200Hz @ 1Hz Sweeping	101/105dB	Tone 26	Tone 5
Tone 32	AS1670: 500-1200Hz Sweeping 2 sec on 1 sec off	100/105dB	Tone 30	Tone 15