

855R Industrial Beacon Tone Selection Guide

Audible Base Tones



Allen-Bradley

by ROCKWELL AUTOMATION

Tone Number	Tone Type	Frequency	Repeat rate	Tone Sample
Tone 1	Continuous	660 Hz		
Tone 2	Continuous	1000 Hz		
Tone 3	Continuous	2400 Hz		
Tone 4	Intermittent	420 Hz	0.625 s on / 0.625 s off	
Tone 5	Intermittent	660 Hz	1.8 s on / 1.8 s off	
Tone 6	Intermittent	660 Hz	0.15 s on / 0.15 s off	
Tone 7	Intermittent	970 Hz	1 s on / 1 s off	
Tone 8	Intermittent	970 Hz (950)	0.5 s on / 0.5 s off x 3, then 1 s off	
Tone 9	Intermittent	800 Hz	0.25 s on / 1 s off	
Tone 10	Intermittent	700 Hz	0.15 s on / 0.15 s off, total 1 min	
Tone 11	Intermittent	720 Hz	0.7 s on / 0.3 s off	
Tone 12	Intermittent	2400 Hz	0.5 s on / 0.5 s off	
Tone 13	Intermittent	2850 Hz	0.5 s on / 0.5 s off x 3, then 1 s off	
Tone 14	Alternating	440 - 554 Hz	0.4 s (440 Hz) / 0.1 s (554 Hz)	
Tone 15	Alternating	554 - 400 Hz	1 Hz	
Tone 16	Alternating	800 - 1000 Hz	2 Hz	
Tone 17	Alternating	2400 - 2900 Hz	2 Hz	
Tone 18	Alternating	1000 - 2000 Hz	1 Hz	
Tone 19	Sweeping	500-1500 Hz	10 Hz	
Tone 20	Sweeping	150-1000 Hz	Rising 10 s, 40 s on, falling 10 s	
Tone 21	Continuous	400 Hz	Simulated horn	
Tone 22	Sweeping	500-1200 Hz	Rising in 3.75 s / 0.25 s off	
Tone 23	Sweeping	500-1200 Hz	Rising in 3.5 s / 0.5 s off	
Tone 24	Sweeping	500-1200 Hz	0.5 s on / 0.5 s off x 3 / 1.5 s off	
Tone 25	Sweeping	1200-500 Hz	1 Hz	
Tone 26	Sweeping	500-1200 Hz	0.3 Hz	
Tone 27	Sweeping	1400-1600 Hz	Rising in 1 s / falling in 0.5 s	
Tone 28	Sweeping	2400-2900 Hz	1 Hz	
Tone 29	Bell			
Tone 30	Slow rise	500-2400 Hz	Siren rising in 3 s, then cont. 2400 Hz	
Tone 31	Slow rise	300-1200 Hz	Siren rising in 3 s, then cont. 1200 Hz	
Tone 32	3-Tone	660-550-400 Hz	Repeating 3-tone gong, 7 s	

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