

**TONTABELLEN FÜR ASSERTA 24V (110dB & 120dB) |
 TONETABLES FOR ASSERTA 24V (110dB & 120dB)**

**TONTABELLEN |
 TONETABLES**

1st & 2nd Tone bank		3rd Tone bank	Switch Setting (0=Open)	Tone Description				Asserta 110			Asserta 120		
				123456	Pattern	Frequency (Hz)	Rate	Market	Depiction	Average current @ max vol @ 24VDC	24Vdc on axis @ 1M	EN54-3 30Vdc see notes	Average current @ max vol @ 24VDC
								mA	dB(A)	dB(A)	mA	dB(A)	dB(A)
A 1	A14	111111	Alternating	970 then 800	2Hz (250ms-250ms)	EVIAN		108	111	*	450	117	*
A 2	A14	111110	Sweep	800 to 970	7Hz (7/s)			103	112	*	450	120	*
A 3	A14	111101	Sweep	800 to 970	1Hz (1/s)			105	112	112	450	120	116
A 4	A9	111100	Continuous	2850	Steady			122	106	*	445	109	*
A 5	A4	111011	Sweep	2400 to 2850	7Hz			119	103	*	447	109	*
A 6	A4	111010	Sweep	2400 to 2850	1Hz			121	105	*	446	110	*
A 7	A14	111001	Slow whoop	500 to 1200	3s sweep, 0.5 s silence, then repeat (rep)	Slow Whoop Netherlands		115	111	112	340	119	116
A 8	A14	111000	Sweep (DIN)	1200 to 500	1Hz	Din/PFEER (PAPA)		115	111	112	430	119	116
A 9	A4	110111	Alternating	2850 then 2400	2Hz (250ms-250ms)			121	108	*	450	112	*
A 10	A14	110110	Intermittent	970	0.5Hz (1s On/1s Off)	PFEER alert		71	108	*	229	117	*
A 11	A14	110101	Alternating	970 then 800	1Hz (500ms-500ms)			106	109	*	375	116	*
A 12	A4	110100	Intermittent	2850	0.5Hz (1s On/1s Off)			89	107	*	235	109	*
A 13	A14	110011	Intermittent	970	0.8Hz (250ms On/1s Off)	ASP		35	108	*	100	117	*
A 14	A8	110010	Continuous	970	Steady	PFEER-Toxic gas		104	109	111	450	117	115
A 15	A14	110001	Alternating	440 then 554	100ms-400ms	France NFS 32 S 32-001		76	106	*	294	115	*
A 16	A14	110000	Intermittent	660	3.3Hz (150ms On/150msOff)	Swedish (Air raid)		60	106	*	232	114	*
A 17	A14	101111	Intermittent	660	0.28Hz(1.8s On/1.8s Off)	Swedish (Local warning)		88	106	*	220	115	*
A 18	A14	101110	Intermittent	660	0.05Hz (6.5s On/13s Off)	Swedish (Pre-mess)		101	106	*	150	115	*
A 19	A1	101101	Continuous	660	Steady	Swedish (All clear)		103	107	*	429	116	*
A 20	A19	101100	Alternating	440 then 554	0.5Hz (1s On/1s Off)	Swedish (Turn out)		83	106	*	312	115	*
A 21	A4	101011	Intermittent	660	1Hz (500ms-500ms)	Swedish		66	106	*	220	115	*
A 22	A4	101010	Intermittent	2850	4Hz (150ms On/100ms Off)			83	105	*	286	108	*
A 23	A14	101001	Sweep	800 to 970	50Hz			102	109	*	419	117	*
A 24	A4	101000	Sweep	2400 to 2850	50Hz			120	106	*	440	110	*
A 25	A14	100111	Intermittent	970	3 x 500ms pulses followed by 1.5s silence then repeat	ISO 8201/ US Temporal		62	109	*	180	117	*
A 26	A4	100110	Intermittent	2850	3 x 500ms pulses followed by 1.5s silence then repeat	ISO 8201/ US Temporal		64	107	*	180	109	*
A 27	A6	100101	Continuous	4000	Steady			109	101	*	450	105	*
A 28	A14	100100	Alternating	970 then 800	2Hz (250ms-250ms)			106	109	*	414	116	*
A 29	A14	100011	Alternating	990 then 650	2Hz (250ms-250ms) (Symphoni tones)			104	109	111	444	117	115
A 30	A14	100010	Alternating	510 then 610	2Hz (250ms-250ms) (Squashni Micro tones)			96	107	109	370	116	113
A 31	A14	100001	Sweep	300 to 1200	1Hz			84	110	*	285	118	*
A 32	A3	100000	Continuous	Bell	Steady	See attached for waveform details		120	111	*	450	117	*
A 33	A14	111111	Intermittent	Bell	3 x 500ms pulses followed by 1.5s silence then repeat	Bell / US temporal		69	111	*	180	117	*
A 34	A4	111110	Alternating	1000 then 2000	1Hz (500ms-500ms)	Singapore		112	107	*	450	115	*
A 35	A14	111101	Intermittent	420	6 step ramped start pulsed @ 0.625S ON / 0.625S OFF	Australian alert		46	108	*	140	116	*
A 36	A14	111100	Sweep	500 to 1200	Sweep 3.75s followed by 0.25s gap	Australian evac		91	109	*	340	117	*
A 37	A14	110111	Sweep	1400 to 1600	Sweep up 1s, sweep down 0.5s	NF C 48-265		122	108	*	448	116	*
A 38	A14	110110	Sweep	500 to 1200	Sweep UP & DOWN over 3s	Siren		94	109	*	310	117	*
A 39	A14	110011	Intermittent	720	0.7s ON, 0.3OFF	German ind alarm		90	110	*	310	117	*
A 40	A14	110001	Sweep	422 to 775	Sweep for 0.85s, 1s delay, repeat	NFPA Whoop		60	109	*	180	118	*
A 41	A3	101111	Continuous	470	Steady	Horn (USA)		85	104	*	340	114	*
A 42	A3	101110	Continuous	370	Steady	Air horn (USA)		76	104	*	272	113	*

Note (a): Tones approved under the Construction Products Directive for Fire Alarm Applications, are shown in the column marked EN54-3.
 Note (b): EN54-3 measurements shown reflect minimum expected SPL readings at Maximum Volume at the Loudest Point around the EN54-3 defined sounder axis.
 Note (c): All other tone measurements reflect manufacturers data based on 'on axis' measurements, and are not verified by a Notified body.
 Note (d): Detailed EN54-3 polar SPL measurements are available in the Product Manual for the appropriate sounder.
 Note (e): All measurements taken at 20°C operating temperature. | Änderungen und Irrtümer vorbehalten | Rights reserved to change specifications without prior notice