

LED Double Flash/ Multi-Tone Sounder Combination

- Multi-Tone Sounder in combination with LED Double Flash
- Sound output adjustable up to 114 dB
- 32 tones for a diverse range of applications
- 3 Tones can be triggered externally
- Optical and audible signal can be triggered separately



Base mounting



Wall mounting



Life duration up to 50,000 hrs

TECHNICAL SPECIFICATIONS:

Dimensions (L x H x W):	109 mm x 113 mm x 152 mm
Housing:	PC/ABS-Blend
Lens:	PC, transparent
Connection:	Screw terminal with wire protection max. 1.5 mm ²
Cable entry:	Membrane for cable diameter max. 13 mm
Fixing:	Wall, base and ceiling mounting
Life duration:	Up to 50,000 hrs (LED Double Flash)
Flash frequency:	c. 1 Hz
Tone types and frequencies:	Selectable via DIP switch, see table on page 192

ORDER SPECIFICATIONS:

	24 V ≈	115 V ~	230 V ~
Voltage			
Current consumption			
Optical	60 mA	30 mA	30 mA
Audible	200 mA	55 mA	30 mA
red	444 100 75	444 100 67	444 100 68
yellow	444 300 75	444 300 67	444 300 68

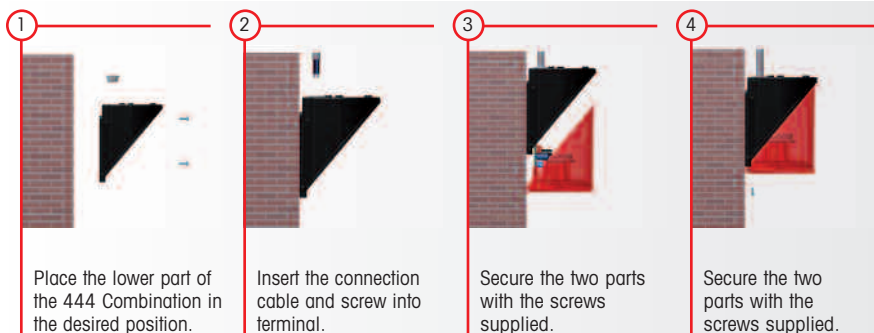
ACCESSORIES:

Cable gland M 20 x 1.5 mm (for cable strain relief)	975 444 01
Protection rating IP 65 is provided even without cable gland	

-tone TONES AND FREQUENCIES:

Selectable via DIP switch, see tone table on page 192.

QUICK AND SIMPLE MOUNTING



TECHNICAL DIAGRAMS: see page 273

The 444 Combinations (Page 190 + 191) offer a large choice of international signal tones for the widest spectrum of applications. 3 tones can be triggered externally.

🎵 TONE TYPES AND FREQUENCIES:



Tone 1	Tone type	Frequency	Description	Use	Tone 2	Tone 3
1	continuous	200		BS 5839-1:2002, VDS	440 Hz cont.	554 Hz cont.
2	rising	800 & 970	7 Hz		14	800 Hz cont.
3	rising	800 & 970	1 Hz		14	800 Hz cont.
4	continuous	2850			14	9
5	rising	2400 to 2850	7 Hz	VDS	4	2400 Hz cont.
6	rising	2400 to 2850	1 Hz		4	2400 Hz cont.
7	rising	500 to 1200	3 s, then 0.5s OFF (then repeat)		14	8
8	falling	1200 to 500	1 Hz	VDS	14	7
9	alternating	2400 & 2850	2 Hz		4	2400 Hz cont.
10	pulse	970	0.5 Hz (1s On/1s Off)	BS 5839 Part 1 1988	14	800 Hz cont.
11	alternating	800 & 970	1 Hz	BS 5839 Part 1 1988	14	800 Hz cont.
12	pulse	2850	0. Hz		4	22
13	pulse	970		0,25s On/1s Off	14	800 Hz cont.
14	continuous	970		BS 5839-1: 2002 PFEER - Toxic gas	10	8
15	alternating	554 & 440		France NFS	14	800 Hz cont.
16	pulse	660	150 ms On / 150 ms Off	Swedish	16	14
17	pulse	660	1.8s On / 1.8s Off	Swedish	17	14
18	pulse	660	6.5s On / 13s Off	Swedish	18	14
19	continuous	660		Swedish	19	31
20	alternating	554 & 440	0.5 Hz		20	19
21	pulse	660	1 Hz	Swedish	21	4
22	pulse	2850	150 ms On / 100 ms Off	GB	14	4
23	rising	800 to 970	50 Hz (low)	BS 5839 Part 1 1988	14	800 Hz cont.
24	rising	2400 to 2850	50 Hz (high)		4	2400 Hz cont.
25	pulse	970	3 x 500 ms ON / 500ms OFF / 1.5s silence, then repeat (low)	ISO 8201 US Temporal	26	14
26	pulse	2850	3 x 500 ms ON / 500 ms OFF / 1.5s silence, then repeat (high)	ISO 8201 US Temporal	25	4
27	continuous	4000			27	6
28	rising	2000 to 2850	7 Hz		2000 Hz cont.	4
29	alternating	988 & 645	2 Hz		988 Hz cont.	645 Hz cont.
30	alternating	510 & 610	2 Hz		510 Hz cont.	610 Hz cont.
31	alternating	800 & 970	2 Hz	5839-1:2002	800 cont.	14
32	alternating	800 & 1200	1 Hz		800 cont.	1200 Hz cont.

