444 LED Double Flash/ Multi-Tone Sounder Combination



Base mounting



Wall mounting

- 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

TECHNICAL SPECIFICATIONS:

Life duration up to 50,000 hrs

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 mm²
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:

Play Sound www.werma.com

Voltage		24 V⎓	115 V~	230 V~
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**

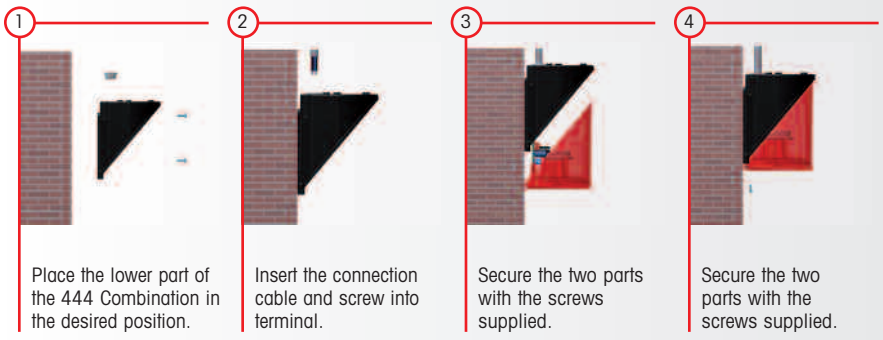
ACCESSORIES:

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

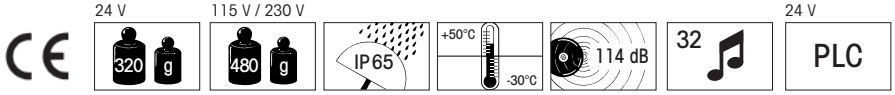
TONE TYPES AND FREQUENCIES:

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

QUICK AND SIMPLE MOUNTING



TECHNICAL DIAGRAMS: see page 273



WERMA SIGNALTECHNIK

444 Combination

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:

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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.