Heavy Duty Multi-Tone Sounder

Your benefits

The robust housings of WERMA Heavy Duty Multi-Tone Sounders are particularly well-suited for use in public areas or in harsh industrial environments. Versions with an aluminium housing and separate certification (German Lloyd) are available for marine applications.

- Ideal in extremely noisy environments and over long distances
- Many application options with up to 42 tones
- Up to 3 tones can be externally triggered for the escalation of signals
- Includes standardised tones (including those used in fire alarms)

Typical applications

Signalling of faults and alarms

- outdoors in extreme conditions
- in larger industrial plants
- in maritime applications

Installation options

- Wall mounting

Features

- High protection rating up to IP67
- Multi-voltage versions allow multiple applications with a single device

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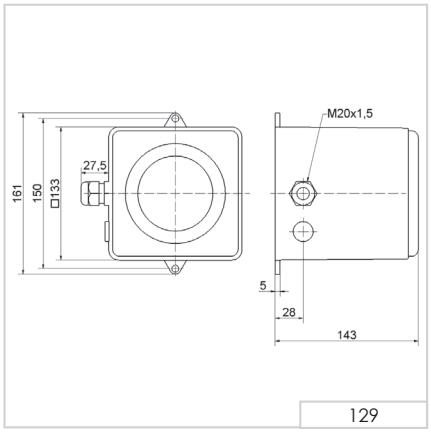
Multi-Tone Sounder	6	8	10	8

129 Electronic Multi-Tone Sounder (110 dB)

ⓘ TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

Dimensions (L x H x W):	143 mm x 161 mm x 161 mm		
Housing:	Die-cast aluminium		
Connection:	Screw terminal 0.5 - 2.5 mm²		
Cable entry:	Cable gland M20 x 1.5 mm Cable diameter 8-12 mm		
Tone types and frequencies:	Selectable via DIP switch, see table page 193		
Voltage:	24 V DC	115 V AC	230 V AC
Current consumption:	400 mA	120 mA	60 mA
Order No.:	**129 052 55**	**129 052 67**	**129 052 68**

↔ TECHNICAL DIAGRAM:



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Multi-tone sounder 8

24 V 230 V

1,8 kg 2,2 kg IP 67 +55°C -40°C 110 dB 31

129 Tone table

The 129 Multi-Tone Sounder offers a large choice of internationally recognised signal tones for the widest spectrum of applications.

♫ TONE TYPES AND FREQUENCIES:		
Tone 1+2 No.	**Tone type**	**Description**
1	falling 1,200-500 Hz in 1 Hz stroke	DIN 33404
2	950 Hz pulse: 3 x 500 ms ON, 500 ms OFF, Pause 1.5 sec.	ISO 8201
3	alternating 825 Hz/1,025 Hz in 2 Hz stroke	
4	continuous 950 Hz	
5	950 Hz pulse: 1 sec. ON, 1 sec. OFF	
6	500-1,200 Hz rising and falling in 3 sec.	Siren
7	554 Hz/100 ms alternating 440 Hz/400 ms	French fire alarm signal AFNOR NFS 32 S 32-001
8	pulse 700 Hz: 150 ms ON, 150 ms OFF, cycle 1 Min.	
9	pulse 800 Hz: 4 ms ON, 4 ms OFF	
10	continuous 500 Hz	
11	continuous 725 Hz	
12	continuous 825 Hz	
13	continuous 1,250 Hz	
14	continuous 1,500 Hz	
15	pulse 500 Hz: 500 ms ON, 500 ms OFF	
16	pulse 825 Hz: 500 ms ON, 500 ms OFF	
17	pulse 725 Hz: 0.7 sec. ON, 0.3 sec. OFF	
18	pulse 800 Hz: 0.25 sec. ON, 1 sec. OFF	
19	alternating 800 Hz/1,000 Hz in 2 Hz stroke	
20	pulse 825 Hz: 2.5 sec. ON, 2.5 sec OFF x 7, then 7 sec. pulse	
21	pulse 950 Hz: 1 sec. ON, 1 sec. OFF, 3 sec. ON, 1 sec. OFF	
22	rising 500-1,200 Hz in 3 sec., 0.5 sec OFF	
23	rising 500-2,400 Hz in 3 sec.	
24	alternating 825 Hz/1,075 Hz in 1 Hz stroke	
25	alternating 500 Hz/900 Hz in 2 Hz stroke	
26	alternating 1,200 Hz/1,400 Hz in 25 Hz stroke	
27	rising 300-1,200 Hz in 3 sec.	
28	700-1,500 Hz rising and falling in 3 sec.	
29	rising 150-1,000 Hz in 10 sec., 40 sec. ON, falling in 10 sec.	
30	pulse 680 Hz: 0.875 sec. ON, 0.875 sec. OFF	
31	rising 1,400-1,600 Hz in 1 sec., falling in 0.5 sec.	

139 Electronic Multi-Tone Sounder (105 dB)

TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

Dimensions (L x H x W):	136 mm x 108 mm x 119 mm	
Housing:	ABS	
Connection:	Screw terminal 0.5 - 2.5 mm^2	
Cable entry:	Cable gland M20 x 1.5 mm (not included in assembly)	
Tone types and frequencies:	Selectable via DIP switch	
Voltage:	9-60 V DC	115/230 V AC
Current consumption:	15 mA (24V)	20 mA (230 V)
red	**139 000 55**	**139 000 68**
grey	**139 100 55**	**139 100 68**

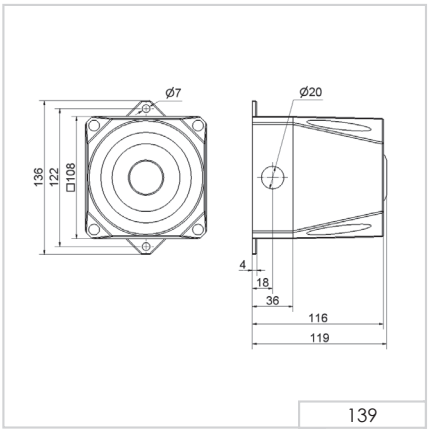
ACCESSORIES:

Cable gland M20 x 1.5 mm	**975 444 01**

TONE TYPES AND FREQUENCIES:

For further details see www.werma.com.

TECHNICAL DIAGRAM:



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141 Electronic Multi-Tone Sounder (110 dB)

TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

Dimensions (L x H x W):	165 mm x 136 mm x 132 mm	
Housing:	PC/ABS-Blend	
Connection:	Screw terminal 0.5 - 2.5 mm²	
Cable entry:	Cable gland M20 x 1.5 mm (not included in assembly)	
Tone types and frequencies:	Selectable via DIP switch	
Voltage:	9-60 V DC	115/230 V AC
Current consumption:	120 mA (24V)	22 mA (230 V)
red	**141 000 55**	**141 000 68**
grey	**141 100 55**	**141 100 68**

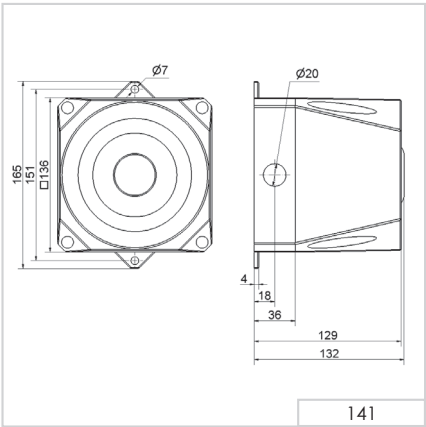
ACCESSORIES:

Cable gland M20 x 1.5 mm	**975 444 01**

TONE TYPES AND FREQUENCIES:

For further details see www.werma.com.

TECHNICAL DIAGRAM:



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Multi-tone sounder 8

800 g | IP66 | +70°C -25°C | 110 dB | 32

142 Electronic Multi-Tone Sounder (120 dB)

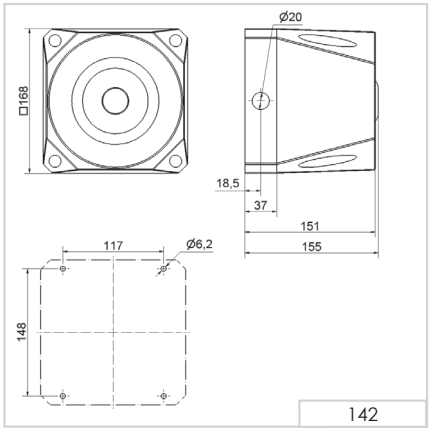
TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

Dimensions (L x H x W):	168 mm x 168 mm x 155 mm	
Housing:	PC/ABS-Blend	
Connection:	Screw terminal 0.5 - 2.5 mm²	
Cable entry:	Cable gland M20 x 1.5 mm (not included in assembly)	
Tone types and frequencies:	Selectable via DIP switch, see table on page 197	
Voltage:	18-30 V DC	115/230 V AC
Current consumption:	450 mA	130 mA (115 V) / 65 mA (230 V)
red	**142 000 55**	**142 000 68**
grey	**142 100 55**	**142 100 68**

ACCESSORIES:

Cable gland M20 x 1.5 mm	**975 444 01**

TECHNICAL DIAGRAM:



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142 X00 68 142 X00 55