

Зуммеры, сигнализаторы мультитональные WERMA 110

Технические характеристики



Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06

Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Россия (495)268-04-70

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Киргизия (996)312-96-26-47

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Казахстан (772)734-952-31

Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес для всех регионов: wme@nt-rt.ru | www.werma.nt-rt.ru

Installation Buzzers and Sounders

Your benefits

WERMA Installation Buzzers and Sounders have been specifically designed for easy installation in control panels.

- Quick and easy installation
- Tamper-proof when installed
- Minimal protrusion from panel installations where space is tight

Typical applications

Signalling faults or status messages

- in control cabinets

Installation options

- Installation mounting

Features

- Proven piezo technology (except 338, 382)

107, 109, 110, 111

- High IP65 protection rating for outdoor applications
- Easy to connect using a plug-in connection
- Up to 8 tones for signalling different statuses



Signalisation index				
	107	109	110	111
Continuous Tone	1	3		
Pulse Tone	2	4		3
Multi-Tone Sounder			5	4
	338	382	114	118 + 119
Continuous Tone	1	4	3	4
Pulse Tone	1			4



109 Electronic Installation Buzzer



Surface housing (accessory)



Surface housing (triple) for 2 beacons and 1 audible element (not included in assembly)

① TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

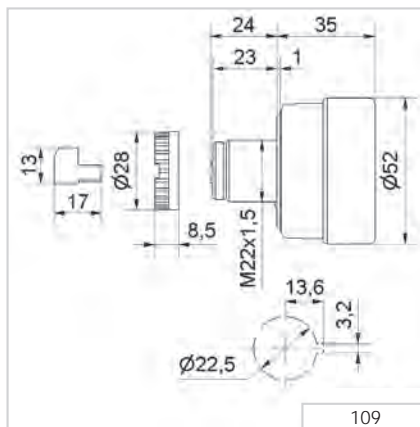
Dimensions (Ø x Height):	52 mm x 35 mm (Protrusion from panel)		
Housing:	PC/ABS-Blend; Cap: PC		
Tone frequency:	c. 2,100 Hz		
Tone type:	Continuous tone or pulse tone with approx. 1 Hz		
Fixing:	Installation mounting for Ø 22.5 mm (M22) with anti-twist device		
Connection:	Connector plug with screw terminal max. 1.5 mm ²		
Life duration:	> 5,000 hrs		
Voltage:	24 V AC/DC	115 V AC/DC	230 V AC
Current consumption:	25 mA	25 mA	25 mA
Continuous tone	109 000 75	109 000 77	109 000 68
Pulse tone	109 010 75	109 010 77	109 010 68

✂ ACCESSORIES:

Bracket with protective cap (IP54), only 24 V	975 109 01 (see picture on page 193)
Single surface housing	975 109 02
Double surface housing	975 109 03
Triple surface housing	975 109 04

Assembly comprises of only the surface housing. Beacons 800-802 or 815-817 have to be ordered additionally.

↔ TECHNICAL DIAGRAM:



Signalisation index

Continuous tone		3
Pulse tone		4



110 Electronic Installation Multi-Tone Sounder



Surface housing (accessory)



Bracket (accessory)

① TECHNICAL SPECIFICATIONS/ORDER SPECIFICATIONS:

Dimensions (Ø x Height):	72 mm x 40 mm (Protrusion from panel)		
Housing:	PC/ABS-Blend; Cap: PC		
Sound output:	Max. 100 dB (sound output is adjustable on rear side when mounted)		
Fixing:	Installation mounting for Ø 22.5 mm (M22) with anti-twist device		
Connection:	Connector plug with screw terminal max. 1.5 mm ²		
Life duration:	> 5,000 hrs		
Voltage:	24 V AC/DC	115 V AC	230 V AC
Current consumption:	80 mA	40 mA	40 mA
Order No.:	110 000 75	110 000 67	110 000 68

♫ TONE TYPES AND FREQUENCIES:

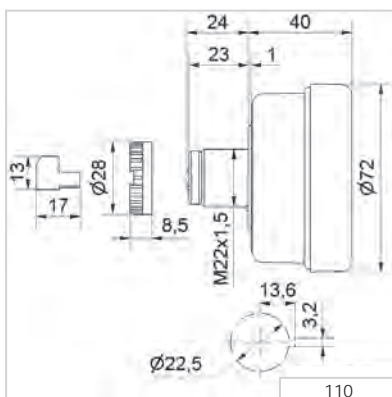
8 tones selectable on rear side of the housing

🎵 position 0		1.6 kHz	86 dB (A)
🎵 position 1		1.6 kHz	86 dB (A)
🎵 position 2		1.6 kHz	86 dB (A)
🎵 position 3		1.6 kHz	88 dB (A)
🎵 position 4		3.4 kHz	90 dB (A)
🎵 position 5		3.4 kHz	100 dB (A)
🎵 position 6		3.4 kHz	96 dB (A)
🎵 position 7		3.4 kHz	100 dB (A)

🔧 ACCESSORIES:

Bracket with protective cap (IP 54)	975 109 01
Surface housing IP 65 (single)	975 109 02
Surface housing IP 65 (double) for 1 installation beacon and 1 Installation siren	975 109 03
Surface housing IP 65 (triple) for 2 installation beacons and 1 Installation siren	975 109 04

↔ TECHNICAL DIAGRAM:



Signalisation index

Multi-tone sounder 5



Архангельск (8182)63-90-72	Ижевск (3412)26-03-58	Магнитогорск (3519)55-03-13	Пермь (342)205-81-47	Сургут (3462)77-98-35
Астана (7172)727-132	Иркутск (395)279-98-46	Москва (495)268-04-70	Ростов-на-Дону (863)308-18-15	Тверь (4822)63-31-35
Астрахань (8512)99-46-04	Казань (843)206-01-48	Мурманск (8152)59-64-93	Рязань (4912)46-61-64	Томск (3822)98-41-53
Барнаул (3852)73-04-60	Калининград (4012)72-03-81	Набережные Челны (8552)20-53-41	Самара (846)206-03-16	Тула (4872)74-02-29
Белгород (4722)40-23-64	Калуга (4842)92-23-67	Нижний Новгород (831)429-08-12	Санкт-Петербург (812)309-46-40	Тюмень (3452)66-21-18
Брянск (4832)59-03-52	Кемерово (3842)65-04-62	Новокузнецк (3843)20-46-81	Саратов (845)249-38-78	Ульяновск (8422)24-23-59
Владивосток (423)249-28-31	Киров (8332)68-02-04	Новосибирск (383)227-86-73	Севастополь (8692)22-31-93	Уфа (347)229-48-12
Волгоград (844)278-03-48	Краснодар (861)203-40-90	Омск (3812)21-46-40	Симферополь (3652)67-13-56	Хабаровск (4212)92-98-04
Вологда (8172)26-41-59	Красноярск (391)204-63-61	Орел (4862)44-53-42	Смоленск (4812)29-41-54	Челябинск (351)202-03-61
Воронеж (473)204-51-73	Курск (4712)77-13-04	Оренбург (3532)37-68-04	Сочи (862)225-72-31	Череповец (8202)49-02-64
Екатеринбург (343)384-55-89	Липецк (4742)52-20-81	Пенза (8412)22-31-16	Ставрополь (8652)20-65-13	Ярославль (4852)69-52-93
Иваново (4932)77-34-06	Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (772)734-952-31	

Единый адрес для всех регионов: wme@nt-rt.ru | www.wema.nt-rt.ru