

EW / EWS

Signal Horn



105dB/m

8 channels

IP65

(IP65 available as special order)

NPN
Open collector



Original wide horn featuring clear and high volume up to 105dB, designed for use in noisy environment.

- Two Ways Insulation: For enhanced durability and safety in the work environment.
- LSI Digital Synthesizer: Original high quality clear sound.
- Built-in Alarm: Adjustable audible sound up to 105dB (at 1m) with volume control and power switch¹.
- Sound Pattern: Up to 8 patterns in 3 types (M type: 8 melodies, L type: 6 melodies + 2 chimes, K type: 8 alarm sounds) with DIP switch².
- Installation: Indoors—upright, inverted, sideways; Outdoors—upright only.
(Do not install the horn facing upward)
- Easy Installation: With anticorrosive stainless mounting bracket.
- NPN Compatible: 24V type only.
- CE Compliance: AC/DC 24V only.
- Available: PNP as special order.

¹ Playback always starts from the beginning.

² EWS type only.



EWS-K EW-K

Alarm

Comes with 8 alarm sounds.

Ch	A type
1	Beep (slow intermittent horn)
2	Stutter (rapid intermittent horn)
3	Bell (clear highpitched bell)
4	Yelp (rapid siren)
5	Rapid Hi-Lo
6	Melody Chime
7	Synthesized Piano
8	Synthesized Bell



EWS-L EW-L

Comes with 6 melodies and 2 chimes.

Ch	TYPE OF SOUND		
	S type	F type	Q type
1	Amaryllis	For Elise	Merry had a little Lamb
2	Symphony No.40	Maiden's Prayer	The camptown Races
3	Silent Lakeside	Minuet	Cuckoo
4	Mountain musician	Annie Laurie	Blacksmith in the village
5	Romance De Amour	London bridge is falling down	On the Avignon bridge
6	Petrouchka	Holdiridia	Ob-La-Di, Ob-La-Da
7	Chime		
8	Call sign		

Chime

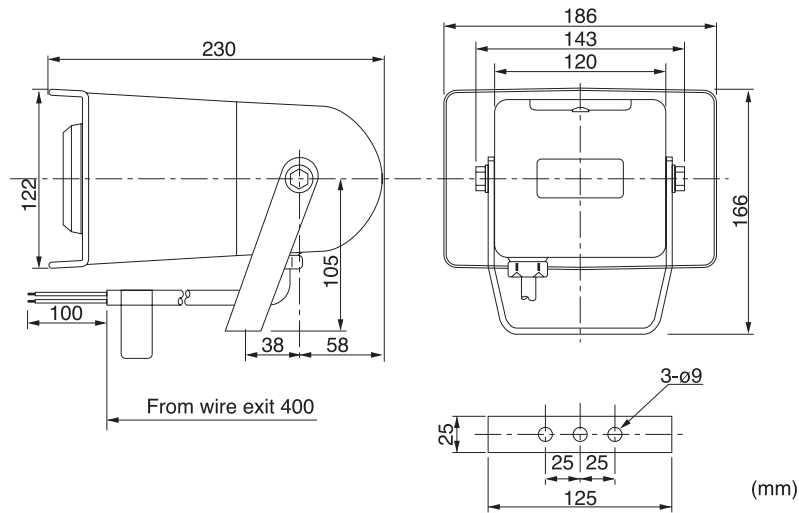


EWS-M EW-M

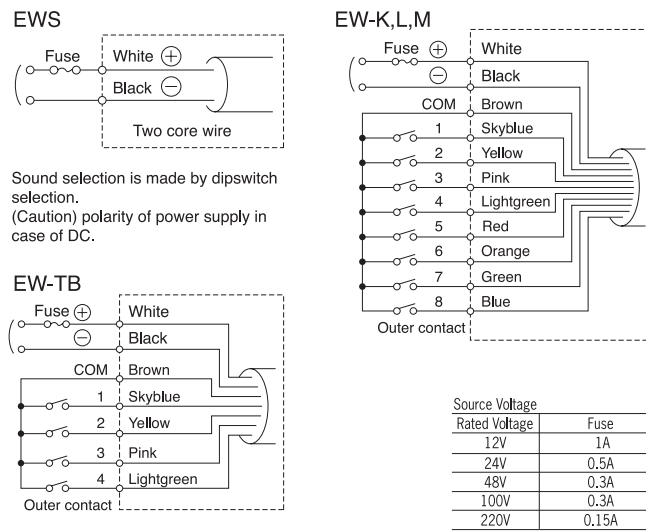
Comes with 8 melodies.

Ch	TYPE OF SOUND		
	G type	H type	P type
1	Runner	Happy birthday	She wore a yellow ribbon
2	I want to take care of you	Mickey mouse club march	My darling clementine
3	Oribia wo kikingara	It's a small world	The yellow rose of Texas
4	September	Forest bear	Yankee doodle
5	Saturday lovers	Cha cha cha toy	When the saints go marchin' in
6	Autumn	Is there a kid like this?	Londonderry air
7	Surf heaven, Ski heaven	Lullaby (Schubert)	Havah nageh
8	Color/White blend	Rudolph the red-nosed reindeer	JAMAICA FAREWELL

Melody



Wiring Diagram



■ Channel priority
 8(Blue)>7(Green)>6(Orange)>5(Red)>4(Lightgreen)>3(Pink)>2(Yellow)>1(Skyblue)
 Note: The greater number has priority when any of the channels are activated simultaneously.

EWS / EW type

	Model	Rated Voltage	Voltage Range	Power Consumption	Volume	Outer Contact Capacity	Operating Temperature Range	Auxiliary Input	Channel	Protection	Mass						
Alarm	EWS/EW-24K	AC/DC 12/24V	AC 8V~28V/DC 9V~35V	8W	Max. 105dB at 1m	EW: More than 10mA EWS: More than 5A	-20°C~~+60°C Humidity 85% or less.	EW: Voltage free contact 8/1bit EWS: Voltage contact	8	IP53	1.2kg						
	EWS/EW-48K	DC 48V	DC 35V~60V	10W							1.4kg						
	EWS/EW-100K	AC 100V	AC 90V~132V	12W													
	EWS/EW-200K	AC 200V	AC 180V~260V	13W													
Chime Melody	EWS/EW-24L	AC/DC 12/24V	AC 8V~28V/DC 9V~35V	8W													1.2kg
	EWS/EW-48L	DC 48V	DC 35V~60V	10W													
	EWS/EW-100L	AC 100V	AC 90V~132V	12W													1.4kg
	EWS/EW-200L	AC 200V	AC 180V~260V	13W													
Melody	EWS/EW-24M	AC/DC 12/24V	AC 8V~28V/DC 9V~35V	8W													
	EWS/EW-48M	DC 48V	DC 35V~60V	10W													1.2kg
	EWS/EW-100M	AC 100V	AC 90V~132V	12W													1.4kg
	EWS/EW-220M	AC 220V	AC 180V~260V	13W													
Alarm	EW-24TB	AC/DC 24V	AC 20V~26V/DC 20V~28V	5.5W	Max. 103dB at 1m			Voltage free contact 4/1bit	4		1.2kg						
	EW-100TB	AC 100V	AC 90V~110V	5W		1.4kg											
	EW-220TB	AC 220V	AC 180V~240V	5W													