

EWH / EWHS

Signal Horn



105dB at 1m

32 sounds

IP65

(IP65 available by special order)

NPN
Open collector

Original wide horn featuring clear and high volume up to 105dB at 1m, designed for use in noisy environments.

- 32 sounds are pre-recorded in one unit.
- For enhanced durability and safety in the work environment.
- Built-in Alarm: Adjustable audible sound up to 105dB at 1m with volume control.
- Installation: Indoors—upright, inverted, sideways; Outdoors—upright only. (Do not install the horn facing upward).
- Easy Installation: With anti-corrosive stainless steel mounting bracket.
- NPN Compatible: 24V type only (EWH series only).
- Conforms to the CE requirements (for 12V, 24V type).

Available by Special Order

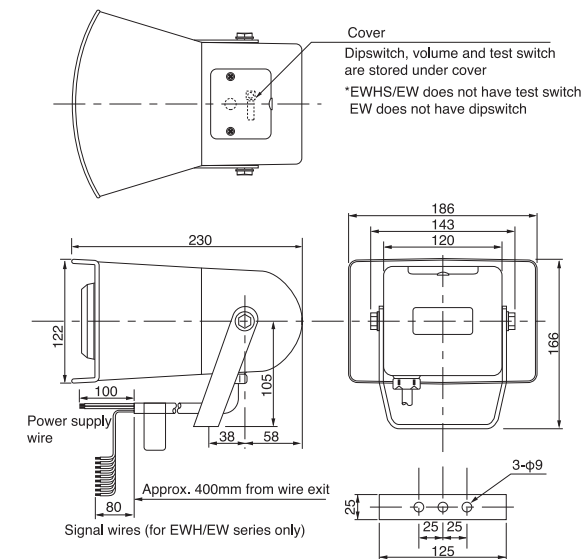
- PNP open collector type.

EWH / EWHS Type

	Model	Rated Voltage	Voltage Range	Power Consumption	Volume	Outer Contact Capacity	Operating Temperature Range	Auxiliary Input	Channel	Protection	Mass
EWH	EWH-24	12/24V AC/DC	8V~28V AC/9V~35V DC	8W	Max. 105dB at 1m	EW: More than 10mA	-20°C~+60°C	EWH: Voltage free contact 8/1bit 32/binary	8/1bit or 32/binary	IP53	1.2kg
	EWH-48	48V DC	35V~60V DC	10W							
	EWH-100	100V AC	90V~132V AC	12W							
	EWH-200	200V AC	180V~260V AC	13W							
EWHS	EWHS-24	12/24V AC/DC	8V~28V AC/9V~35V DC	8W	Max. 105dB at 1m	EW/EWHS: More than 5A	Humidity 85% or less.	EWHS: Voltage contact	1	IP65*	1.2kg
	EWHS-48	48V DC	35V~60V DC	10W							
	EWHS-100	100V AC	90V~132V AC	12W							
	EWHS-200	200V AC	180V~260V AC	13W							

* By special order

Dimensions



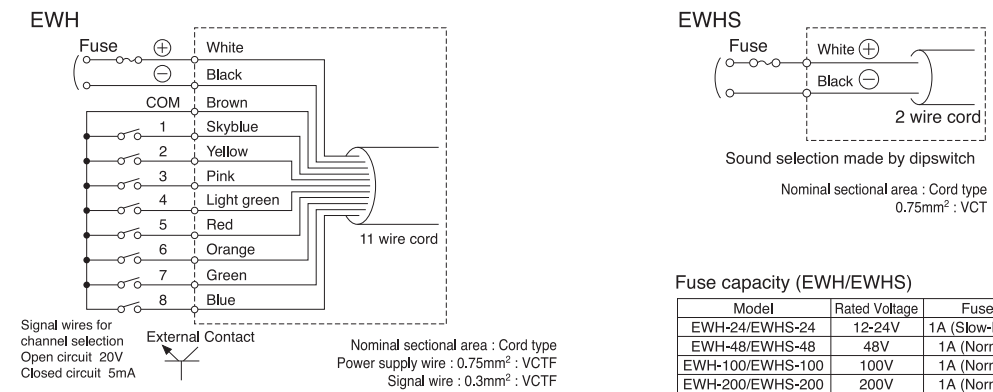
How to Order

EWH-24A-J

Model	Body Color
EWH: 8 channels/bit input 32 channels/binary input EWHS: 1 channel	J: Ivory Y: Yellow R: Red
Rated Voltage	Sound type
24: 12/24V AC/DC 48: 48V DC 100: 100V AC 200: 200V AC	A: Type A C: Type C D: Type D E: Type E

Test switch (for EWH series only)
Test switch is stored under cover. Switch can be used to check the operation or adjust sound volume.

Wiring Diagram



Channel priority (for EWH series)
8 (Blue) > 7 (Green) > 6 (Orange) > 5 (Red) > 4 (Lightgreen) > 3 (Pink) > 2 (Yellow) > 1 (Skyblue)
The greater number has priority when any of the channels are activated simultaneously.
Polarity symbol of power source is for EWH and EWHS series, in 12/24V DC and 48V DC types.

Model	Rated Voltage	Fuse
EWH-24/EWHS-24	12-24V	1A (Slow-blow)
EWH-48/EWHS-48	48V	1A (Normal)
EWH-100/EWHS-100	100V	1A (Normal)
EWH-200/EWHS-200	200V	1A (Normal)

Sound Selection Charts

32 sounds are pre-recorded in one unit. 4 sound types are available.

EWH/EWHS-A			
Beep (slow intermittent horn)	Stutter (rapid intermittent horn)	Bell (clear high pitched bell)	Yelp (rapid siren)
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Stutter (rapid intermittent horn)	Synthesized Melody Chime	Chime	Call sign
Bell (clear high pitched bell)	Fur Elise	Maiden's Prayer	Minuet
London Bridge is Falling Down	Holdiridia	Mary Had a Little Lamb	Camptown Races
Kuck kuck	Der Schmied im Walde	On the Bridge of Avignon	Daydream Believer
Amaryllis	Mozart Symphony No. 40	Itsy Bitsy Spider	Ich bin ein Musikante
Jeux Interdits	Katuscha	Grandfather's Clock	Ave Maria

EWH/EWHS-E			
Beep (slow intermittent horn)	Stutter (rapid intermittent horn)	Bell (clear high pitched bell)	Yelp (rapid siren)
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Runner	Mamotte Agetai	Chime	Call sign
Oribiao Kikinagara	A September	Doyoubino Koibito	Akino Kehai
Saafu Tengoku Sukii Tengoku	Iro Howaitoburendo	Happy Birthday	Hi Ho
I've been working on the Railroad	Bear Song	Toys Go Cha Cha Cha	Konnako Irukana
Wiegenlied	Rudolph the Red-nosed Reindeer	She Wore a Yellow Ribbon	Oh My Darling Clementine
Yellow Rose of Texas	Yankee Doodle	When the Saints Go Marching In	Londonderry Air

EWH/EWHS-C			
Beep (slow intermittent horn)	Stutter (rapid intermittent horn)	Bell (clear high pitched bell)	Yelp (rapid siren)
Rapid Hi-Lo	Melody Chime	Synthesized Piano	Synthesized Bell
Stutter (rapid intermittent horn)	Synthesized Melody Chime	Chime	Call sign
Can't Take My Eyes off of You	Top of the World	The Entertainer	Amazing Grace
Amairono Kamino Otome	Les Champs-Elysees	Canon	Rara Sanshain
Uchusenkan Yamato	Oshiete	Makenaide	Gonna Fly Now (Theme for 'Rocky')
I Don't Want to Miss a Thing	Yozorano Mukou	Aiwa Katsu	Haruyo Koi
Gattsudaze	Odoru Ponpokorin	Imasugu Kisu Mi	Truth

EWH/EWHS-E			
Beep (slow intermittent horn)	Stutter (rapid intermittent horn)	Inverted Receilie	Annie Laurie
Stutter (rapid intermittent horn)	Synthesized Melody Chime	Galactic Motor	London Bridge is Falling Down
Bell (clear high pitched bell)	Chime	Ringling Phone	Mary Had a Little Lamb
Yelp (rapid siren)	Call Sign	Two Tone	Camptown Races
Rapid Hi-Lo	Train Ride	Alarm Clock	Amaryllis
Melody Chime	Galloping Hi-Lo	Ringling Hi-Lo	Mozart Symphony No.40
Synthesized Piano	Alien Chatter	Fur Elise	Ave Maria
Synthesized Bell	Falling Crystals	Minuet in G	Grandfather's Clock

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