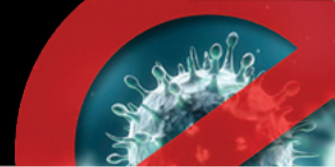


Premium Touchless



HAND-E-WAVE™

The Essex Hand-E-Wave is a professional grade, touchless door activation switch, designed to help reduce the spread of viruses, bacteria, and infectious diseases.



HEW-1B



HEWMO-2

- ▶ Advanced Doppler Radar Technology
- ▶ Ruggedized Low Profile Design
- ▶ Stainless Steel Construction
- ▶ Easy to Clean and Sanitize
- ▶ Visual and Audio Feedback
- ▶ Adjustable Detection Zone
- ▶ Timed or Toggle Output
- ▶ Narrow, Single or Double Gang
- ▶ Stainless, Black or White Finish
- ▶ Optional Manual Override
- ▶ Designed and Manufactured in the USA

Hand-E-Wave™ is a ruggedized touchless switch with advanced 24GHz Doppler Radar technology. Ideal for use in public areas where sanitation is a concern including healthcare, education, commercial corporate and retail facilities, Hand-E-Wave's hands free operation helps to reduce the spread of germs including viruses, bacteria, and infectious diseases. Hand-E-Wave utilizes bidirectional microwave motion detection which provides reliable and consistent switch activation. Its' recessed design makes it easy to clean and sanitize. Hand-E-Wave can be used for new or retrofit installations including replacement of two wire mechanical switches [requires TWM].



Features

Ruggedized Design

Epoxy coated electronics for enhanced protection in harsh environments.

Vandal Resistant Construction

1/8" Stainless Steel faceplate.
Low profile recessed design.
Stainless steel, Black or White Finish

Advanced Touchless Switch Technology

Hand-E-Wave utilizes 24GHz Doppler Radar Technology. A moving hand, wheelchair or cart within the detection zone activates the switch.

Visual/Audio Feedback

Visual and selectable On/Off Audio when motion is detected in the detection zone. Illuminated hand symbol changes from standby blue to relay on green.

Mounting Method

HEW-1: Narrow/Jamb. Flush mount or add spacer ring (SR-1) for surface mount.

HEW-2: Single Gang. Flush mount to a single gang switchbox or add BAK BOX-SGE for surface mount.

HEW-3: Double Gang. Flush mount to a double gang switchbox or add BAK BOX-DGE for surface mount.

Two Wire Retrofit Option

Two Wire Module (TWM) for replacing a two-wire mechanical switch.

Specifications

Power Requirements

12 to 24VAC/DC
300mw Standby, 600mw Relay On

Outputs

One DPDT Relay
2A 30VDC Resistive, 1/2A 125VAC
Field selectable Timed or Toggle Output
Adjustable Relay Hold Time: 1 to 30 seconds
HEWMO: Adds fail safe to NC contacts and a timed 0.5 to 60 second Manual Override button.

Microwave Motion Sensor Technology

Radiated Frequency: 24.125 GHz
Transmitter Radiated Power: <20 dBm EIRP
Radiated Power Density: <5 mW/cm²

Detection Zone

Adjustable 2 to 24 inches (typical)

Detection Mode

Motion (bidirectional)

IP Rating

HEW: IP65 HEWMO: IP64

Operating Temperature

-40°F to + 180°F (-40°C to + 82°C)

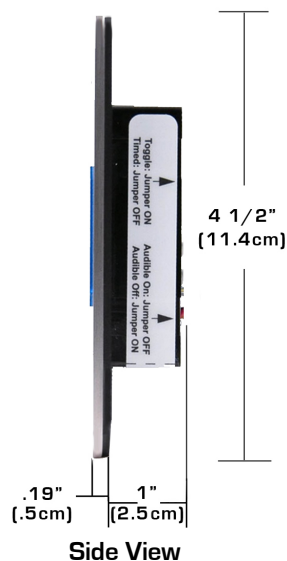
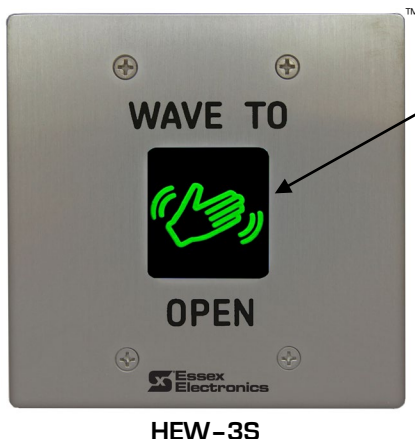
Dimensions

	Height	Width	Depth
HEW/HEWMO - 1	4 1/2"	1 3/4"	1 1/4"
HEW/HEWMO - 2	4 1/2"	2 3/4"	1 1/4"
HEW/HEWMO - 3	4 1/2"	4 1/2"	1 1/4"

Weight

HEW/HEWMO - 1	5 oz (142 gm)
HEW/HEWMO - 2	7.1 oz (200 gm)
HEW/HEWMO - 3	12.8 oz (363 gm)

Certifications FCC



ORDERING GUIDE

Part No.

Description

HEW - 1B	Narrow/Jamb, Hand-E-Wave™, Black
HEW - 1S	Narrow/Jamb, Hand-E-Wave™, 304 Stainless
HEW - 2B	U.S. Single Gang, Hand-E-Wave™, Black
HEW - 2S	U.S. Single Gang, Hand-E-Wave™, 304 Stainless
HEW - 2S - 316L	U.S. Single Gang, Hand-E-Wave™, 316L Stainless
HEW - 2W	U.S. Single Gang, Hand-E-Wave™, White
HEW - 3B	U.S. Double Gang, Hand-E-Wave™, Black
HEW - 3S	U.S. Double Gang, Hand-E-Wave™, 304 Stainless
HEW - 3S - 316L	U.S. Double Gang, Hand-E-Wave™, 316L Stainless
HEW - 3W	U.S. Double Gang, Hand-E-Wave™, White
HEWMO - 1	Narrow/Jamb, Hand-E-Wave™, 304 Stainless, with Manual Override
HEWMO - 2	U.S. Single Gang, Hand-E-Wave™, 304 Stainless with Manual Override
HEWMO - 3	U.S. Double Gang, Hand-E-Wave™, 304 Stainless with Manual Override



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LHEW.0921R1 Specifications are subject to change without prior notice.

Patent Pending



Proudly Made in the USA