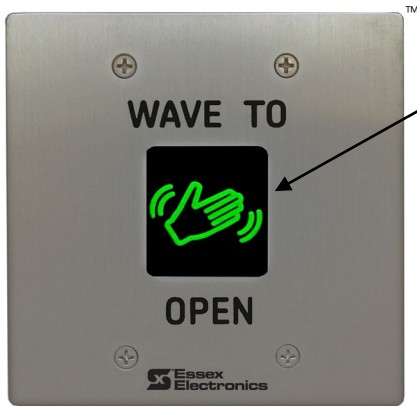


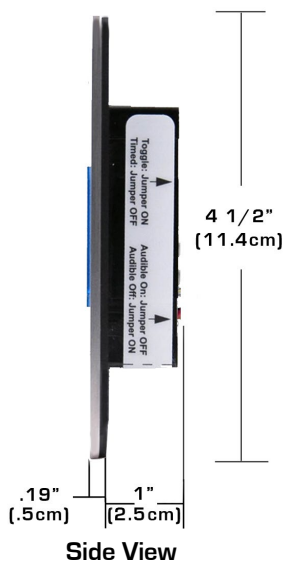
Hand-E-Wave® is a ruggedized touchless switch with advanced 24GHz Doppler Radar technology. Ideal for use in public areas where sanitation is a concern including healthcare, education, commercial corporate and retail facilities, Hand-E-Wave's hands free operation helps to reduce the spread of viruses and infectious diseases. Hand-E-Wave utilizes bidirectional microwave motion detection which provides reliable and consistent switch activation. Easy to clean and sanitize, Hand-E-Wave is available with a black, white or stainless steel faceplate.



HEW-2W



HEW-3S



Side View

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: U.S. Single Gang. Flush mount to a single gang switchbox or add BAK BOX-SGE for surface mount.
HEW-3: U.S. 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

12VAC:
12VDC to 24V AC/DC:

Standby

600mw
300mw

Relay On

1200mw
600mw

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

UL 294: Access Control Line Security 1
This part complies with Part 15 of the FCC rules and regulations.

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 - 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.0823R1 Specifications are subject to change without prior notice.



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