

PREMIUM TOUCHLESS



Hand-E-Wave®

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

- 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



HEW-1B



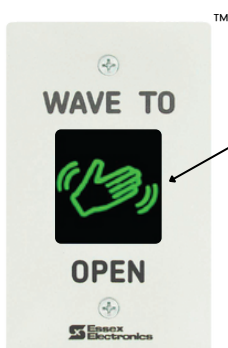
HEW-2S



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.



HEWMO-2



HEW-2W

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	Standby	Relay On
12VAC:	600mw	1200mw
12VDC to 24V AC/DC:	300mw	600mw

Output

One DPDT Relay
 2A 30VDC Resistive, 1/2 A 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



Side View