

MAGIC WAVE HYBRID SERIES

WIRED OR WIRELESS
BATTERY-POWERED
TOUCHLESS ACTUATOR SWITCHES



Description

Magic Wave Hybrid Series is a long-lasting, battery-powered, active infrared touchless actuator that reduces wiring and provides flexible options. It can also be hardwired depending on the installation requirements.

Magic Wave Hybrid Series offers reliable operation with key features engineered to ensure performance in challenging conditions, such as harsh lighting and cold weather climates.

Technicians no longer need to carry two switches (wired and wireless) on their service trucks. Our switch does both.

Best in Class 2.4Ghz Signal Transmission

Higher performance radio frequencies eliminate interference from other local devices providing consistent activations.

Superior Battery Life

This solution offers superior battery life with 3 years of uninterrupted operation across a range of applications and environments.

Versatile Mounting Options & Setup

Our best-selling model, the 4 3/4" square, comes standard with adaptor plate, weather ring, and surface mount box allowing for installation in the broadest range of applications.

Robust Construction

Stainless steel faceplate and IP65 rating for indoor/outdoor use.

All products have a 3-year warranty.

Reduce False Detections

Anti-interference technology helps to prevent environmental conflicts such as rain, water spray, and snow.

Built-in, premium UV filters reduces false detections from direct sunlight.

Built-in redundant sensor ensures consistent detection in the event of environmental interference such as window pollution.

Anti-Interference technology enhances performance and minimizes environmental disturbances.

Magic Wave Hybrid Series line of touchless actuators provides germ-free door activation without physical contact for safer interactions, improved traffic flow, and enhanced accessibility. These are available in a variety of popular design options and sizes.







COMMON APPLICATIONS

HEALTHCARE • EDUCATION • WASHROOMS • RETAIL • OFFICES • BANKS • HOTELS • RESTAURANTS • GOVERNMENT

FREE EXITS FOR GATES AND PARKING GARAGES

PRODUCT SERIES

 <p>MWH-2X4-HYB Single gang with 'wave to open' text hand logo + wheelchair logo. Mounting box available.</p>	 <p>MWH-45-HYB SM box included, double gang with hand logo + wheelchair logo. Optional version with 'wave to open' text.</p>
 <p>MWH-6RND-HYB SM box included Round with 'wave to open' text hand logo + wheelchair logo.</p>	 <p>MWH-JAMB-HYB SM box included jamb size with 'wave to open' text + hand logo.</p>

All Hybrid Series are available in kits.

ITEM NUMBERS / ELECTRICAL BOX SIZES

MWH-JAMB-HYB	Narrow jamb switch
MWH-2X4-HYB	Single gang
MWH-45-HYB	Double gang. Includes adapter plate and weather seal
MWH-6RND-HYB	Round double gang
BOX-SM-SGL	Single gang 2 3/4" x 4 1/2" SM box

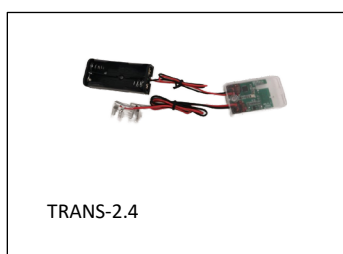
TECHNICAL SPECIFICATIONS

TECHNOLOGY PERFORMANCE	
Technology	Active Infrared Sensors
Detection Range	2" – 12" range
Battery Life	2 years (at 150 activations per day) 3 years (at 150 activations per day) <i>Batteries included</i> <i>Based on high capacity, premium batteries</i>
Product Temperature Range	-22 to 122 F (-30 to +50 C)
ELECTRICAL	
Output	1 relay, 220 VDC/250 VAC, 1A max. switching voltage max. switching current
Power Supply	9 VDC (one 9V battery) 6 VDC (four AA batteries) 6 VDC (four AA batteries) 9 VDC (one 9V battery)
Power Consumption Battery Powered Mode	Standby: 45-60uA Activation: 1-3mA (Buzzer off) Activation: 6mA (Buzzer on)
Wire Gauge	24-22 AWG
PHYSICAL	
Dimensions (overall)	Without Boxes single gang 2 3/4" (W) x 4 1/2" (H) x 1 1/4" (D) double gang 4 1/2" (W) x 4 1/2" (H) x 1 1/4" (D) 4 3/4" (W) x 4 3/4" (H) x 1 1/4" (D) with adapter 5" (W) x 5" (H) x 1 3/4" (D) <u>with</u> SM box round 6" (W) x 6" (H) x 1 1/4" (D) jamb 1 3/4" (W) x 4 1/2" (H) x 1 1/4" (D)
Material	Stainless Steel US304 Faceplate with 'ABS' plastic boxes
COMPLIANCE/STANDARDS	
IP Rating	IP65 – 4 3/4" square
UL/CSA	62368-1: 2019
FCC	Part 15B
RohS	Certified
CE Conformity	Compliant

Every application is unique. Please consult a Sales Representative to ensure compliant system design.

OPTIONAL ACCESSORIES

REC-2.4	2.4Ghz receiver module
TRANS-2.4	2.4Ghz transmitter
REC-2.4-DUAL	2 channel 2.4Ghz vestibule sequencer
RCTX-SGLBUT-2.4	2.4Ghz mini key FOB transmitter



TECHNOLOGY



Product details and specifications subject to change without notice.