

MICOM SWITCH SERIES

MECHANICAL PUSH BUTTON OR TOUCHLESS
WAVE TO OPEN ACTIVATION OPTIONS
EMPLOYING WIRED, WIRELESS OR
HYBRID-POWERED TECHNOLOGIES



Description

Micom offers three different technologies that meet a wide variety of applications and stocks the following actuator switches to pair with your Swing Door Operator.

► **SS Push Plate Series** is known for long-lasting, robust construction that is ubiquitous with the everyday ADA entrance.

► **Onyx Wave Series** is a long-lasting, hard-wired or wireless, active infrared touchless actuator switch with polycarbonate faceplate with a thin ABS plastic back.

► **Hybrid Wave Series** employs the same infrared technologies as our Onyx Series and can be hard-wired depending on installation and security requirements. IP65 weatherproof rated for outdoor use.

Best in Class 2.4Ghz Signal Transmission

Higher performance radio frequencies eliminate interference from other local devices providing consistent activations. *Available in the Onyx and Hybrid Series*

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 4 ¾" square Push Plate and Hybrid Series models come standard with adaptor plate, weather ring, and surface mount box allowing for installation in the broadest range of applications.

Robust Construction

Strong polycarbonate or SS faceplate will take the punishment of indoor/outdoor use.

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.

All products have a 3-year warranty.

Specifiers can now choose from 'wired', the most secure communications protocol, or battery-powered wireless technologies to address the difficulties in many applications where wires are not cost-effective or possible.







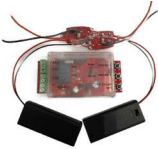



Touchless Wave Series line of actuators provides germ-free door activation without physical contact for safer interactions, improved traffic flow, and enhanced accessibility.



COMMON APPLICATIONS

HEALTHCARE • EDUCATION • WASHROOMS • RETAIL • OFFICES • BANKS • HOTELS • RESTAURANTS • GOVERNMENT
FREE EXITS FOR GATES AND PARKING GARAGES

PRODUCT SERIES

 <p>HPB-4x4 or HPB-4x4-LED 4 ½" SS Push Plates Adapter Plate included for additional mounting options. <i>*LED model includes indicator lights</i></p>	 <p>HPB-4x4-Kit Includes (2) HPB-4x4 push plates + (1) HPB-Dart1 900MHz radio kit. SM Box included</p>
 <p>HTB-09W or HTB-09WD 4 ½ x 4 ½ double gang wired or wireless with 'wave to open' text + wheelchair logo. Includes low profile integrated box</p>	 <p>HTB-09W-Kit Includes (2) HTB-09W switches + (1) HTB-Receiver</p>
 <p>HTB-08-HYB 4 ½ x 4 ½ SS double gang with hand logo, wheelchair logo + 'wave to open' text. SM box included</p>	 <p>HTB-08-HYB-Kit Includes (2) HTB-08W switches + (1) HTB-Receiver</p>
 <p>HPB-Dart 900 MHz 2 Channel Receiver with (2) Transmitters for push plates. Receivers and transmitters available separately.</p>	 <p>HPB-PS12 HPB-PS24 12VDC Power Supply @ 2.0a 24VDC Power Supply @ 1.0a IP67 rated</p>
 <p>HTB-REC 2.4Ghz receiver for use with all Hybrid + Onyx Series switches.</p>	 <p>HTB-Rec-Dual 2.4Ghz two-channel receiver with vestibule sequencer for use with all Hybrid + Onyx Series switches.</p>

TECHNICAL SPECIFICATIONS

TECHNOLOGY PERFORMANCE	
Technologies	Stainless Steel Wired Actuators Active Infrared Sensors
Detection Range	Mechanical Push Plate Wave to Open 2" – 12" range
Battery Life transmitter double gang <i>Batteries included</i>	2 years (at 150 activations per day) 3 years (at 150 activations per day) <i>Based on high capacity, premium batteries</i>
Product Temperature Range	-22 to 122 F (-30 to +50 C)
ELECTRICAL	
Output max. switching voltage max. switching current	1 relay, 220 VDC/250 VAC, 1A
Power Supply transmitter double gang	3 VDC (two AAA batteries) 6 VDC (four AA batteries)
Power Consumption Battery Powered Mode	Standby: ≤ 80uA Activation: ≤ 3mA (Buzzer off) Activation: ≤ 6mA (Buzzer on)
Wire Gauge	24-22 AWG
PHYSICAL	
Dimensions (overall) double gang	Without Boxes 4 ½" (W) x 4 ½" (H) x 1 ¼" (D) 4 ¾" (W) x 4 ¾" (H) x 1 ¼" (D) with adapter 5" (W) x 5" (H) x 1 ¾" (D) <u>with SM box</u> 4 ½" (W) x 4 ½" (H) x ¾" (D)
Material	SS US304 Faceplate with ABS plastic boxes Polycarbonate Faceplate with ABS plastic back
COMPLIANCE/STANDARDS	
IP Rating	HTB-08W-HYB, IP65 – 4 ¾" square
UL/CSA	62368-1: 2019
FCC	Part 15B
RohS	Certified
CE Conformity	Compliant

ITEM NUMBERS / ELECTRICAL BOX SIZES

HPB-SS-45	Double gang 4 ½" mechanical SS Push Plate
HTB-09W	Double gang battery-powered switch
HTB-08-HYB	Double gang. Includes adapter plate and weather seal
HPB-Dart	2 channel 900Mhz receiver with transmitters
HTB-REC	2.4Ghz receiver module
HTB-Rec-Dual	2 channel 2.4Ghz vestibule sequencer
HTB-RC1	2.4Ghz mini key FOB transmitter
HPB-RC1	900Mhz mini key FOB One button transmitter
HPB-RC2	900Mhz mini key FOB Two button transmitter
HPB-RC4	900Mhz mini key FOB Four button transmitter
HTB-TRNS-2.4	2.4Ghz transmitter for push plates
HPB-PS12	12VDC Power Supply @ 2.0a
HPB-PS24	24VDC Power Supply @ 1.0a

 <p>HPB-RC1 One Button HPB-RC2 Two Button HPB-RC4 Four Button *900Mhz Transmitters</p>	 <p>HTB-RC1 One Button *2.4Ghz</p>	 <p>HTB-TRNS-2.4 *2.4Ghz</p>
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