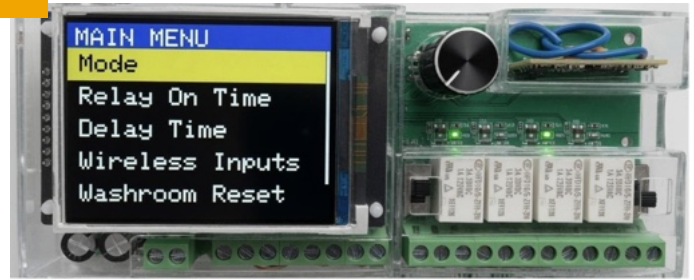


Class 2, Extra Low Voltage — UL Recognized Components — 12–24V DC



The Relay Master v6.5 is a compact, field-programmable relay controller

designed for automatic door operators, access control, and barrier-free washroom applications. Each relay operates independently — push buttons are fully isolated from the ADO output. Fully wireless operation supported: if push button wiring is unavailable, any input can be replaced by a TSX wireless transmitter mounted directly on the button.

KEY FEATURES

- **4 x UL Listed Relays** 3A @ 30VDC
- **RELAY 1 & 4:** wet output configurable via onboard toggle switch
- **5 Inputs:** 4 dry-contact inputs + 1 wet input (12–24V DC)
- **Fully Wireless:** replace any input with a TSX transmitter
- **433 MHz Receiver:** up to 5 learned codes, no wiring needed
- **2.8" Colour TFT Display:** 320x240, rotary encoder UI
- **4 Operating Modes:** Standard, Washroom, Card Reader, Locked Washroom
- **Non-Volatile Memory:** all settings retained on power cycle

OPERATING MODES

- **Standard Mode:** Independent relay per input.
- Push button to ADO fully isolated.
- **Washroom Mode:** Latched occupied state, door contact auto-release.
- **Card Reader Mode:** Strike + ADO sequencing, secured lockout, free egress always.
- **Locked Washroom Mode:** Washroom mode with a hardware-locked electric strike.

PIVOTEX MOBILE APP — AVAILABLE FOR IPHONE

Control the Relay Master from your iPhone. Pair by holding the rotary encoder for 5 seconds and scanning the on-screen QR code — no passwords or access-point setup. Features:

- Bluetooth control on-site (no internet, ~10 m)
- WiFi setup & secure remote control (TLS/MQTT)
- Live relay toggles — 4 outputs, two-way sync
- Scheduling — auto lock/unlock any relay by time
- Live inputs — simulate BTN1–5 by active mode
- Set modes, on-times (0.1–300 s) & delays
- Per-device security token; forget WiFi / unpair
- Works in all modes incl. Locked/Unlocked Washroom

Free on the Apple App Store. Units operate fully standalone; the app adds optional control & scheduling.



Touchless, hygienic door activation for hands-free entry.

No-touch infrared sensor — wave a hand within range to activate. Eliminates surface contact for improved hygiene. Available in two plate sizes and two finishes: UV-film-coated stainless for longevity, or a black finish. Wire per the Relay Master v6.5 manual.

**UV-Coated Stainless****Black Finish****SPECIFICATIONS**

- **Power Input:** DC 12V - 24V (+/-10%)
- **Sensing Range:** 4 - 15 cm, adjustable (+/-25%)
- **Output:** 1A @ DC30V max, dry contact (NO/COM/NC)
- **Output Mode:** trigger 0.5-20 sec or toggle
- **Indicator LED:** standby/action colour selectable (Red/Green)
- **Mounting:** fits a standard single-gang device box
- **Finishes:** UV-coated stainless or black finish
- **Plate - SFP24:** single-gang, 70 x 114.5 mm, 39 mm cutout
- **Plate - SFP44:** double-gang, 114.5 x 114.5 mm, 39 mm cutout
- **Current Draw:** 45 mA max @ DC24V
- **Operating Temp:** -10 C to +70 C | IP65 rated
- **Lifespan:** sensor 100,000 hrs | relay 1,000,000 cycles

APPLICATIONS

- **Healthcare:** no-touch entry for clinics & hospitals
- **Barrier-Free:** hands-free accessible door control
- **Washrooms:** hygienic activation, no contact
- **Access Control:** exit button or auto-detection
- **Electric Locks:** fail-safe & fail-secure compatible
- **Outdoor / Wet:** UV-coated finish resists fade & corrosion
- **Compatible with:** Relay Master v6.5

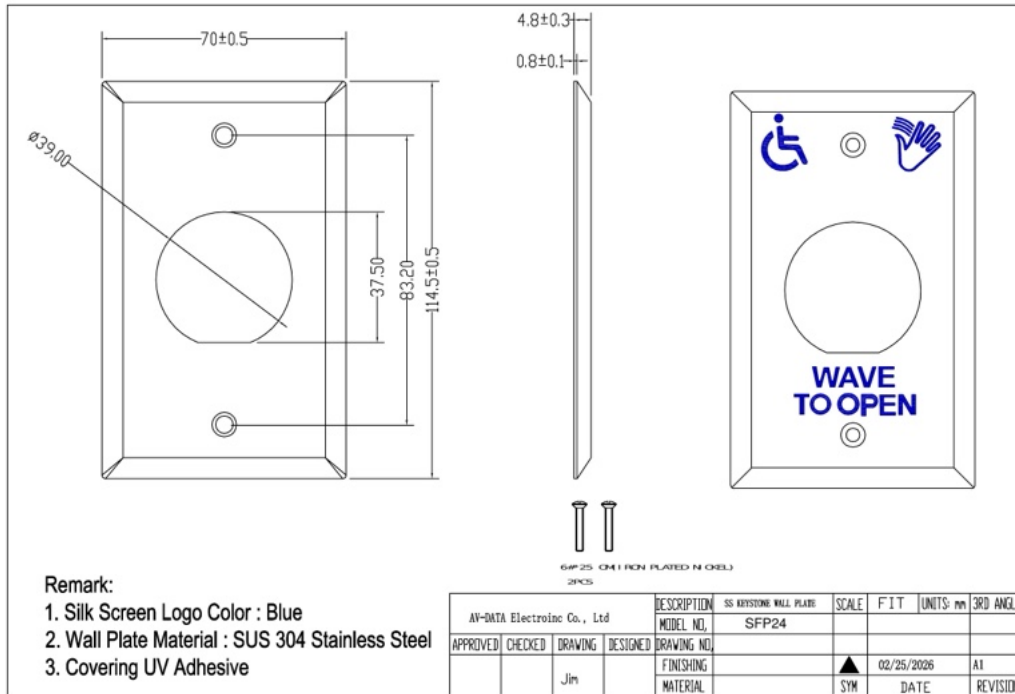
*Designed and Assembled in Canada*

Mechanical dimensions (mm).

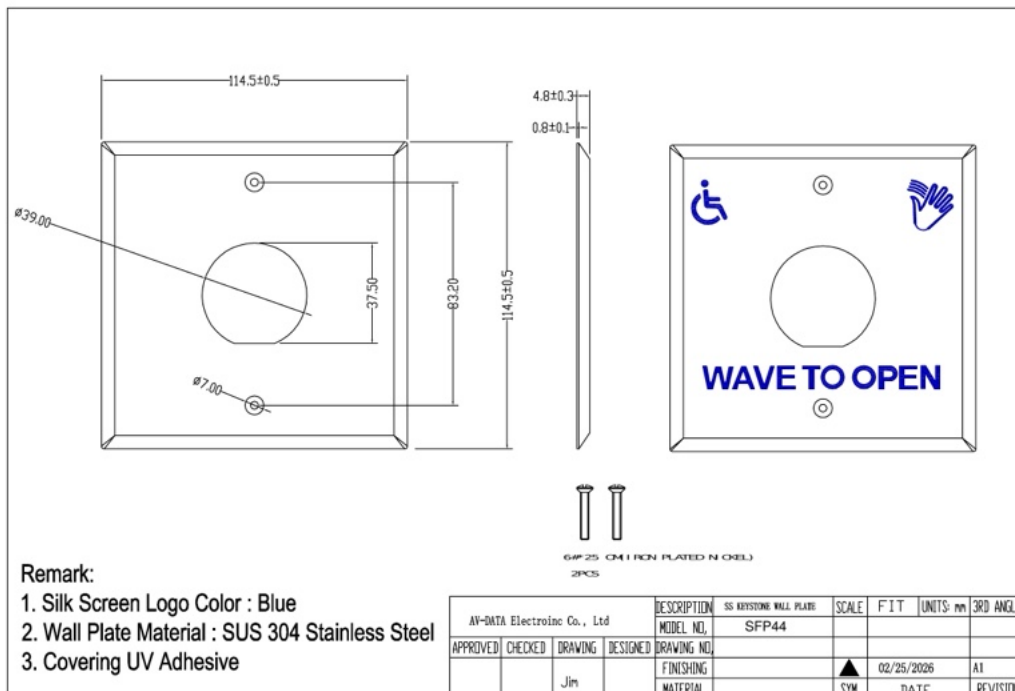
All plates: SUS 304 stainless steel, 0.8 mm thick, 4.8 mm depth, 39 mm sensor cutout, mounting holes 83.2 mm apart.
Also available in a black finish (same dimensions).

Note: Wave switches mount on a standard single-gang device box.

SFP24 — SINGLE-GANG PLATE (70 x 114.5 mm)



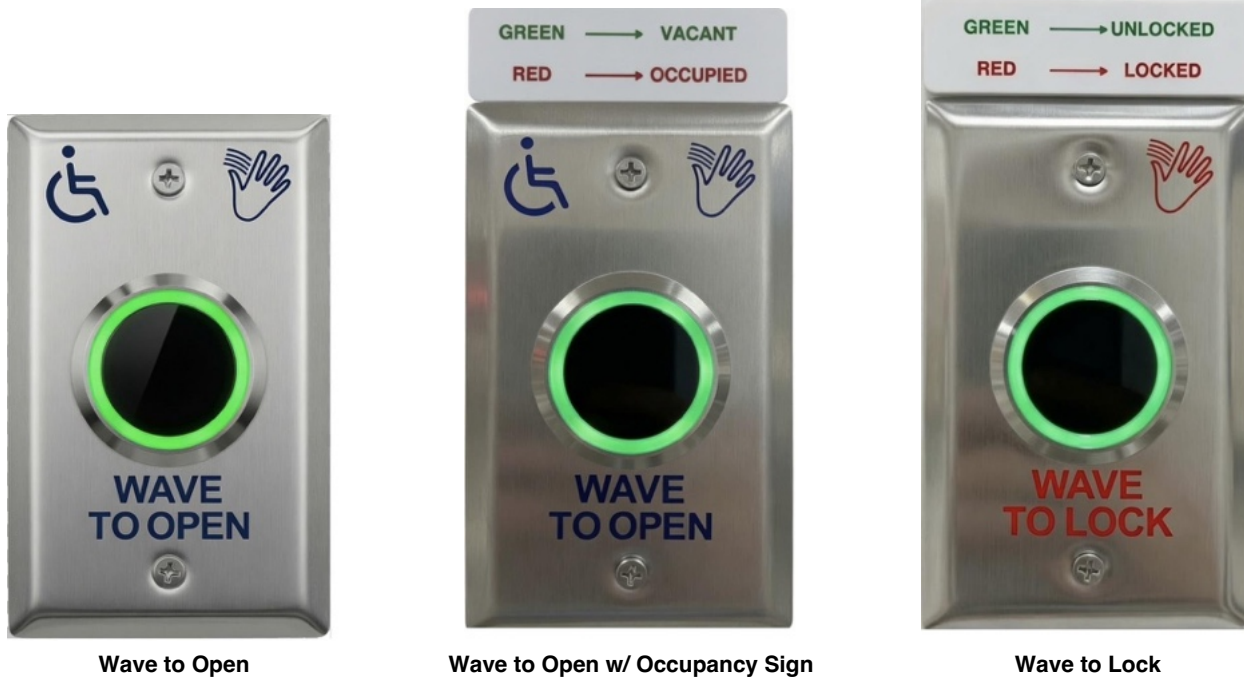
SFP44 — DOUBLE-GANG PLATE (114.5 x 114.5 mm)



Designed and Assembled in Canada

Complete touchless washroom kit for hands-free barrier-free entry.

No-touch infrared wave switches for accessible washroom control. Wave a hand to open, lock, and signal occupancy — no surface contact for improved hygiene. Available in UV-coated stainless or black finish. Wire the switches as per the diagram in the Relay Master v6.5 manual.



SPECIFICATIONS

- **Power Input:** DC 12V - 24V (+/-10%)
- **Sensing Range:** 4 - 15 cm, adjustable (+/-25%)
- **Output:** 1A @ DC30V max, dry contact (NO/COM/NC)
- **Output Mode:** trigger 0.5-20 sec or toggle
- **Indicator LED:** standby/action colour selectable (Red/Green)
- **Mounting:** fits a standard single-gang device box
- **Finishes:** UV-coated stainless or black finish
- **Plate - SFP24:** single-gang, 70 x 114.5 mm, 39 mm cutout
- **Plate - SFP44:** double-gang, 114.5 x 114.5 mm, 39 mm cutout
- **Current Draw:** 45 mA max @ DC24V
- **Operating Temp:** -10 C to +70 C | IP65 rated
- **Lifespan:** sensor 100,000 hrs | relay 1,000,000 cycles

APPLICATIONS

- **Barrier-Free Washroom:** hands-free door control
- **Hygiene:** no-touch operation, no shared contact
- **Occupancy Signal:** Green = vacant / Red = occupied
- **Healthcare:** clinics, hospitals, care facilities
- **Electric Locks:** fail-safe & fail-secure compatible
- **Outdoor / Wet:** UV-coated finish resists fade & corrosion
- **Compatible with:** Relay Master v6.5



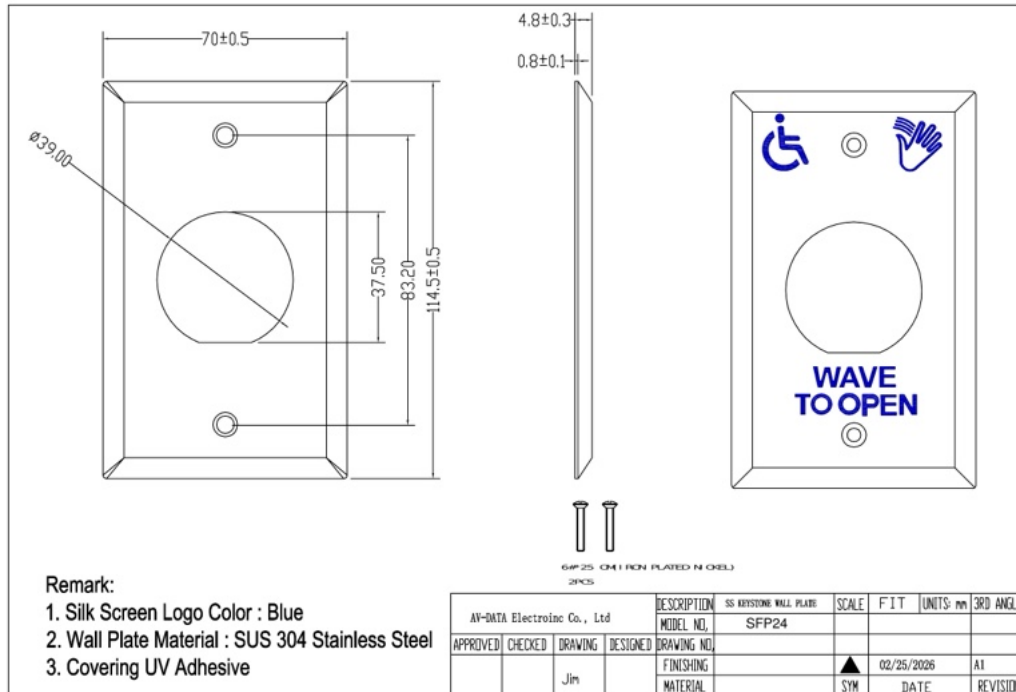
Designed and Assembled in Canada

Mechanical dimensions (mm).

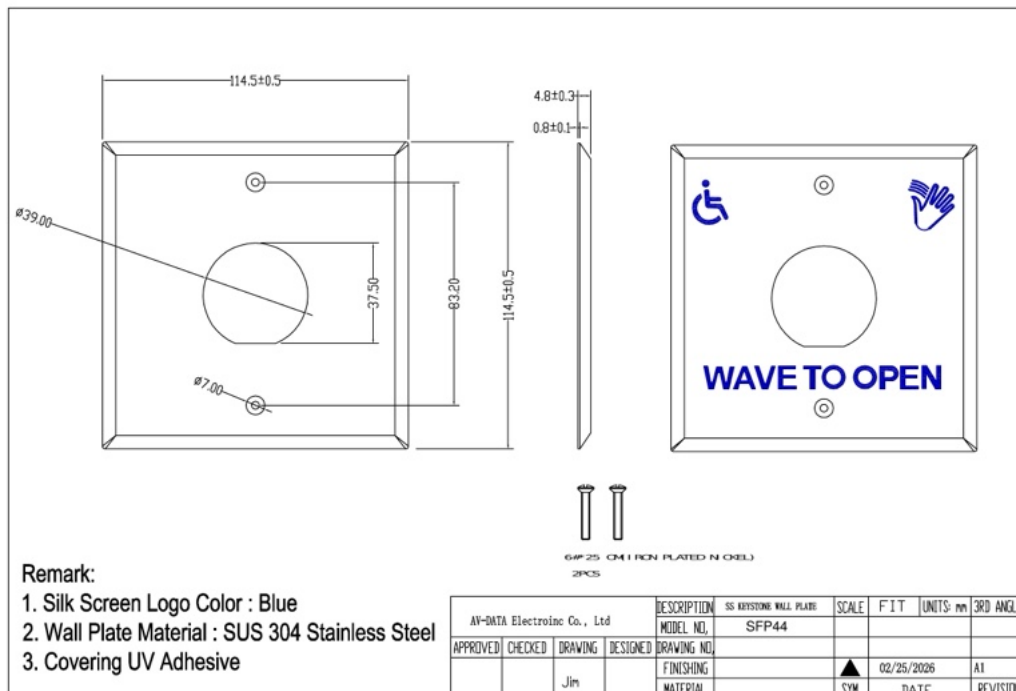
All plates: SUS 304 stainless steel, 0.8 mm thick, 4.8 mm depth, 39 mm sensor cutout, mounting holes 83.2 mm apart. Also available in a black finish (same dimensions).

Note: Wave switches mount on a standard single-gang device box.

SFP24 — SINGLE-GANG PLATE (70 x 114.5 mm)



SFP44 — DOUBLE-GANG PLATE (114.5 x 114.5 mm)



Designed and Assembled in Canada

ADA compliant, UL recognized stainless steel push plates for barrier-free washroom systems.

Flush mounted — no surface-mounted backbox required. Elegant and clean look that eliminates messy toggle switches and cuts installation time in half. Simply connect 6 colour-coded wires as per the diagram in the Relay Master v6.5 manual.

Note: Push plates mount in a standard single-gang electrical box.



Outside Push to Open



Inside Push to Open



Inside Push to Lock

SPECIFICATIONS

- **Material:** 304 brushed stainless steel
- **Face Size:** 4-1/2" x 4-1/2" square — ADA compliant
- **Compliance:** ADA compliant | UL Recognized Component
- **Mounting:** fits a standard single-gang device box
- **LED Ring:** Green = unoccupied | Red = occupied
- **Wiring:** 6 colour-coded wires, per Relay Master diagram

APPLICATIONS

- **Barrier-Free Washroom:** door control
- **Elegant Flush Finish:** clean professional look
- **Halves Installation Time:** replaces toggle switches
- **Outside Push to Open:** exterior entry
- **Inside Push to Lock:** occupied / privacy latch
- **Compatible with:** Relay Master v6.5



Designed and Assembled in Canada

PIVOTEX WEX Emergency Washroom Kit

Emergency Call System | ADA Compliant

Complete emergency call system for barrier-free washroom and nurse call applications.

Flush mounted — no surface-mounted backbox required. Wire as per the diagram in the Relay Master v6.5 manual. Class 2, Extra Low Voltage.

Note: All devices mount in a standard single-gang electrical box.



Emergency Call Button



Outside Light / Alarm



Inside Light / Alarm



Door Contact

KIT INCLUDES

- **Emergency Call Button:** Red momentary push plate
- **Outside Light / Alarm:** Visual & audible alarm — outside door
- **Inside Light / Alarm:** Visual & audible alarm — inside room
- **Door Contact:** Magnetic sensor, auto-resets on door open
- **Mounting:** Flush mount — no backbox required

APPLICATIONS

- **Barrier-Free Washroom:** emergency call
- **Nurse Call Systems:** resident assistance
- **LED Indication:** Flashing red when emergency is active
- **Emergency Button:** triggers relay & activates lights
- **Relay Master v6.5:** controller sold separately
- **Compatible:** Relay Master v6.5 wireless option



Designed and Assembled in Canada

ADA

Compliant

PBX Push to Open

4-1/2" SQUARE ALL-ACTIVE PUSH PLATE SWITCH



Note: Mounts in a standard single-gang electrical box.

FEATURES

- Large, easy-to-operate all-active switch
- Any part of faceplate activates the device
- Meets ADA requirements — 4-1/2" square
- Flush mount — no surface backbox required
- Brushed 304 stainless steel faceplate
- Microswitch: UL/CSA approved, 15A @ 30V DC
- Available: Push to Open (blue) / Push to Lock (red)
- Concealed or exposed mounting screws
- Plastic spacers & rubber dampers included

DESCRIPTION

Heavy-duty, ADA-compliant all-active push plate switch with brushed 304 stainless steel faceplate. Flush mounts to a standard single-gang electrical box — no surface backbox required, delivering a clean and professional finish. The all-active design means any point of contact on the faceplate activates the switch, minimising actuation force. Compatible with the Relay Master v6.5 — simply connect 6 colour-coded wires as per the wiring diagram. Eliminates messy toggle switches, cutting installation time in half.

DIMENSIONS



SPECIFICATIONS

Face Size	4-1/2" x 4-1/2" (114 x 114 mm)
Depth	1/2" (13 mm)
Material	304 brushed stainless steel
Switch Type	SPDT momentary, all-active
Contact	Dry contact N.O. / N.C.
Microswitch Rating	15A @ 30V DC — UL/CSA approved
Compliance	ADA compliant
Mounting	Flush — single-gang electrical box
Screws	Concealed (CM-45) or exposed (CM-46)
Wiring	6 colour-coded wires
Graphics	Push to Open (blue), Push to Lock (red)
Finish	Brushed stainless steel standard



Designed and Assembled in Canada