



Type(s)

Project

Date

Notes

## GENERAL INFORMATION

The Multi-Button Interface Switch Station communicates wirelessly with Echoflex lighting controllers. It is available in four different colors and 2, 4, or 8 button formats.

Each pair of buttons operates like a single rocker switch, driving lights ON/OFF or adjusting dimming levels on linked Echoflex lighting controllers. The MBI can provide multi-zone control from a single station when each switch pair is linked to a controller in a different area.

The low-profile haptic buttons and clean faceplate with discreet LED indicators give the MBI a sleek contemporary appearance. The MBI is powered by a replaceable coin cell battery and has an expected lifetime of 100,000 actuations over 10 years. When the battery runs low, a red LED blinks when any button is pressed.

The MBI is designed to fit in a standard wall outlet or mud ring (back support plate provided) or can be installed flush mounted with screws. For installations over line voltage boxes, a separate barrier plate kit is available. See Accessories section for UL approved barrier kits.

## APPLICATIONS

- Education: Classrooms, administration, corridors, stairwells
- Hospitality: Banquet halls, lobbies
- Healthcare: reception, administration
- Commercial office: Conference rooms, private offices, open office space, corridors, stairwells

## FEATURES

- Wireless low profile switch station with screw-less faceplate
- LED indicators and haptic buttons
- Available in 2, 4, or 8 button formats and choice of colors: white, black, gray, or cream
- Reliable radio reception range of 24 m (80 ft) - commercial office spaces (typical), up to 100 m (330 ft) line-of-sight
- Powered by replaceable coin cell battery (CR2032), 100,000 actuations or ten-year battery life
- Installation options: Flush mount with screws, on a mud ring with back support plate, or over a line voltage electrical box with UL approved barrier, sold separately

## ORDERING INFORMATION

### Multi-Button Interface Switch Station

MODEL	DESCRIPTION
MBI-2U_*	Two-button MBI, 902 MHz
MBI-4U_*	Four-button MBI, 902 MHz
MBI-8U_*	Eight-button MBI, 902 MHz

\*Available in white, black, gray or cream colors. Replace the asterisk with one of the following letters to specify:

W - white, B - black, G - gray, C - cream

## Accessories

MODEL	DESCRIPTION	PART NUMBER
PTM365BP1W	Single barrier kit, white	8188K1001-5
PTM365BP2W	Double barrier kit, white	8188K1002-5
PTM365BP1G	Single barrier kit, gray	8188K1001-3
PTM365BP2G	Double barrier kit, gray	8188K1002-3
PTM365BP1C	Single barrier kit, cream	8188K1001-1
PTM365BP2C	Double barrier kit, cream	8188K1002-1
PTM365BP1B	Single barrier kit, black	8188K1001-4
PTM365BP2B	Double barrier kit, black	8188K1002-4

## SPECIFICATIONS

### HARDWARE

- Power supply: One coin cell battery - CR2032
- Inputs: Test button
- Outputs: LEDs - green, yellow and red
- Life cycle:
  - Up to 100,000 actuations
  - Standby battery life up to 10 years at 25°C (77°F), or as specified by battery manufacturer

### EQUIPMENT PROFILES

- EEP-F6-02-02: Light Control - ON, OFF, dimming

### MOUNTING

- Mounting hardware not supplied. Flush mount with screws and wall anchors or wall switch junction box. Back support plate provided for installing over a mud ring or junction box
- For line voltage applications, order - UL approved barrier kit - see Accessories on page one for order info

### COMMUNICATIONS

- 902 MHz (U) radio frequency
- Wireless range of up to 24 m (80 ft) - commercial office spaces (typical), up to 100 m (330 ft) line-of-sight
- Integrated antenna

### ENVIRONMENTAL

- Operating temperature: -10°C to 45°C (14°F to 113°F) ambient
- Relative humidity: 5%–92% non-condensing
- Indoor use only

### REGULATORY AND COMPLIANCE

- Complies with UL 916
- FCC Part 15.231 - Remote Control Transmitter
- ISED RSS-210

## PHYSICAL

### Multi-Button Interface Switch Station Weight and Dimensions†

ALL MODELS	HEIGHT		WIDTH		DEPTH		WEIGHT	
	mm	in	mm	in	mm	in	g	oz
MBI	114	4.5	70	2.8	10	0.4	42	1.5

