



Description

Mircom's MPS-810U-EN Fire Alarm Manual Pull Station provides manual fire alarm activation. This manual pull station combines both language printed marking with raised symbols to make it easy to recognize.

The MPS-810U-EN manual pull station is engineered from premium LEXAN® polycarbonate resin, a high-performance thermoplastic known for its exceptional durability and heat resistance. Designed to withstand high temperatures without warping, this material ensures long-lasting reliability. Additionally, the manual pull station can be drilled without the risk of cracking.

All manual fire alarm stations shall be installed as per the specific requirements outlined in the UL code, as well as all other applicable national or local codes.

The MPS-810U-EN manual pull station offers different installation options to suit indoor and outdoor applications. For flush mounting indoors, it fits into a standard single-gang electrical box, while outdoor flush mounting requires a single-gang electrical box paired with an STI-150 cover. For surface mounting indoors, the station can be installed using a BB-800 backbox, with the option to add an STI-1230 deep cover (without gasket) for extra shielding. In outdoor surface-mount applications, the BB-800 backbox must be used combined with an STI-3150 deep cover (with gasket).

Features

- **Built to Last** – Made entirely from **LEXAN®**, a high-impact, flame-resistant material that ensures long-lasting durability and protection.
- **ADA-Compliant, Easy Activation** – Features a **closed-fist operation**, making it **effortless to use** for individuals with disabilities, ensuring compliance with the **Americans with Disabilities Act (ADA)**
- Combination of language printed markings with symbols and icons to ensure clear operation for users.
- **Tactile Accessibility** – **Raised symbols** enable easy recognition by touch, improving usability in low-visibility conditions.
- **Effortless Setup** – Designed for **easy installation**, saving time and labor costs.
- **Wide Temperature Range** – Operates reliably between **-40°C and 66°C**, ensuring consistent performance in indoor or outdoor environments.
- Comes with a **reset key**, making it simple to restore the device after activation.
- Indoor/Outdoor design

Operation

Activating the Alarm

1. Push in the push bar
2. Pull down the pull handle

Resetting the manual station

1. Insert the key into the reset keyhole and turn it.
2. Pull the cover open. The switch is now reset.
3. Close and lock the stations with the reset key.
4. Reset the Fire Alarm Control Panel to reset the alarm.

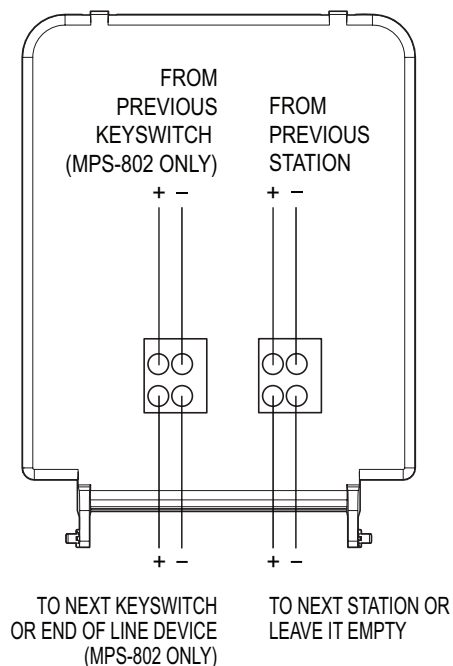
Note: Resetting the station does not cancel the alarm at the panel.



Specifications

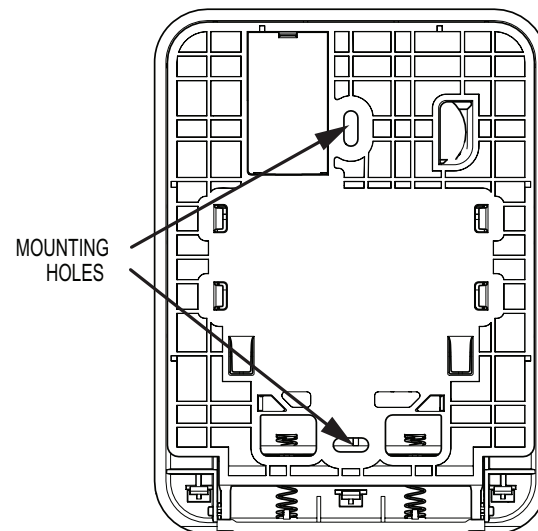
Operating temperature	-40°C to -66°C (-40°F to 151°F)
Humidity range	0% to 93%
Electrical Rating	1 mA @ 30 VDC
Dimensions	5 ½" H x 4 1/8" W x 1 3/8" D
Input Terminal wire gauge	Maximum 14 AWG
Installation Environment	For Indoor and Outdoor Use

Wiring Diagram



Mounting Diagram

- Flush mount indoor: Single-gang electrical box
- Flush mount outdoor: Single-gang electrical box with STI-150
- Surface mount indoor: BB-800 backbox with or without STI-1230 (Deep cover without gasket)
- Surface mount outdoor: BB-800 backbox with STI-3150 (Deep Cover with Gasket)



Ordering Information

Model	Description
MPS-810U-EN	MP 1 Stage Dual Action Conventional Manual Pull Station, "FIRE", UL
BB-800	Surface Backbox for 800 Series Manual Station



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Page 2 of 2

Rev. 0