



MMPS

Modular Manual Pull System

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Description

The Commercial Products Group Model MMPS, Modular Manual Pull System (US Patent 5760678) is a pull station designed for use in multiple applications. The MMPS can be used as a basic key reset station, or can be equipped with a variety of options to accommodate varying field requirements.

All stations are equipped with a keylock cylinder (2 key provided) accessible from the front cover, which can open the unit or reset the station without opening the cover. The basic station is switch activated and is designed to initiate an electronic warning signal when the ergonomically inclined pull bar is activated.

The MMPS meets the ADA requirement of a maximum pull force of less than 5 pounds to activate the station. Braille indicators across the front face indicating "Emergency Alarm" and also across the pull bar ("Pull Down") are evident for the visually impaired. Upon activation, the station pull bar area will display

"ACTIVATED" for easy recognition of an activated station. The MMPS accommodates field input by means of internal terminals capable of handling 2 x 12 AWG wires each. The station is constructed of a high-impact, glass reinforced polycarbonate resin. The units can be mounted to a single gang box, double gang with raised plaster single gang extension, or can be surface mounted to CPG 4050BB back box. The units are designed having a flush rear face, which allows ample back box space for additional modules which may be required.

The MMPS is UL Listed for Fire Protective Signaling Use (Cat. #UNIU). The MMPS is available with numerous options which are field installable to fit changing system requirements.

Application

The Model MMPS pull station is suitable for use in schools, hotels/motels, hospitals, commercial office and retail buildings, industrial plants,



apartment buildings, or any other application where manual alarm initiation is required. The station's attractive design, durable construction, optional features and variety of mounting options allow it to fit most applications.

Standard Features

- Versatile, modular design allows for a variety of options to be field installed.
- Key lock. Reset without opening station.
- Proven micro switch reliability, normally open (N/O).
- ADA compliant, less than 5 foot pounds for activation.

Ordering Information

Model Number	Part Number	Description
MP-1R	MP-1R	Single action pull station, key reset, one N/O switch, red.
MPS1R	MPS1R	Dual-action pull station (shield, key reset, one N/O switch, red.
MP-SHIELD	MP-SHIELD	Dual-action shield: consisting of clear shield.
4050BB	4050BB	Surface mount backbox, red, 5.125"H x 3.375"W x 1.5"D
MPS1RS	MPS1RS	Dual Action Pull Station (Shield) Key Reset with Sounder Module



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- Braille markings on cover, pull bar, & optional shield.
- Ergonomic design pull bar.
- Screw terminals for field wiring connections.
- Surface mounting or semi-flush mounting over backboxes with or without extension ring.
- Attractive, contemporary design.
- High-impact, glass reinforced polycarbonate cover.

Optional Features Field Installable

- Dual-action shield for double action station. Can activate voice and sounder options, or pre-signal.
- Switch modules with snap-in terminal strip to control pre-alarm signal, or other options. Space for additional 3 switches (2 pullbar activated, 1 shield activated).
- Sounder module activated by pullbar or shield option.
- LED option has green and red status LEDs.
- Institutional option converts to key activated station.
- Fire Phone Jack with terminal.
- Tornado Alarm, EVAC Alarm, Spanish Fire Alarm wording, and blank nameplates are available.
- Standard color is Red.

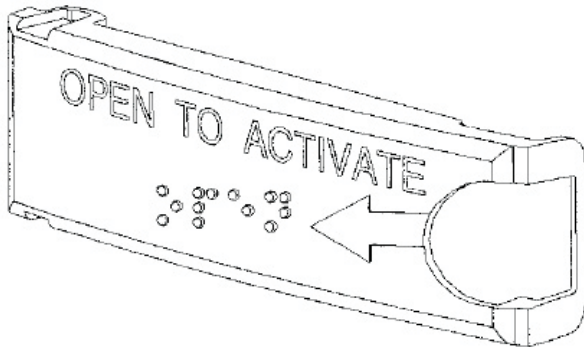
MMPS ORDERING INFORMATION	
Part Number	Description
MP-1R	Single action pull station, key reset, one N/O switch, red. Dimensions: 3.5"W x 5.3"L x 1.5"D.
MPS1R	Dual-action pull station (shield), key reset, one N/O switch, red. Dimensions: 3.5"W x 5.3"L x 1.875"D.
MMPS Modules and Accessories - Field Installable	
MP-SHIELD	Dual-action shield: c/o (consisting of) Clear shield.
MP-SWMOD-O	Switch module: c/o N/O switch assy., snap-in terminal strip.
MP-SWMOD-C	Switch module: c/o N/C switch assy., snap-in terminal strip.
MP-SM	Sounder Module: c/o sounder, switch assy., 9 VDC battery and terminal. Pullbar or Shield activated.
MP-LED	LED: c/o LED's (red, green), switch assy., snap-in terminal strip.
MP-INST	Institutional Activation: c/o Activation bar follower assy., decal (key required to fully activate alarm).
MP-JACK	Fire Phone Jack: c/o Snap-in 4 position terminal strip, 1/4" jack assy., decal.
Nameplates	
MP-FIRE	Fire Alarm Nameplate: c/o Snap-in Nameplate.
MP-TORN	Tornado Alarm Nameplate: c/o Snap-in Nameplate.
MP-EVAC	EVAC Alarm Nameplate: c/o Snap-in Nameplate.
MP-BLANK	Blank Alarm Nameplate: c/o Snap-in Nameplate.
MP-COV-R	Red Cover Assy. (used to identify FIRE Alarm).
4050BB	Surface mount backbox, red, 5.125"H x 3.375"W x 1.5"D.



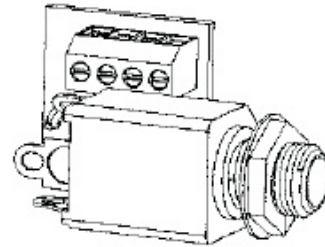
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MMPS Optional Modules



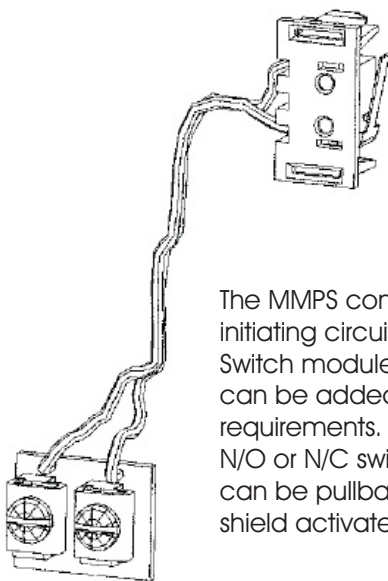
The MMPS station is designed to accommodate a clear polycarbonate shield for conversion to a double action station. The shield performs a dual-action function as it requires the user to open the shield to allow activation of the station. The shield is hinged and is reusable. The shield can also function to operate several options. The audio (sounder module) and visual (LED module) options can be shield activated to provide a local pre-signal prior to station activation. An optional switch module can also be shield activated to provide a pre-alert to the FACP. Please note that only one switch for options may be activated by the shield. "OPEN TO ACTIVATE" is embossed on the shield as well as "OPEN" in Braille.



The MMPS pull station can accommodate a 1/4" phone jack to accommodate a fireman's phone. A 4 position terminal is provided for 2-in/2-out 16-24 AWG wiring connections. Fire Phone Jack requires drilling an access hole prior to installation.



For conversion to a two-stage, key activated station, an institutional activation option is available. Use of this option does not permit the activation pull bar to be fully depressed. When used with an additional switch module an attendant can be alerted who must activate station with a key.

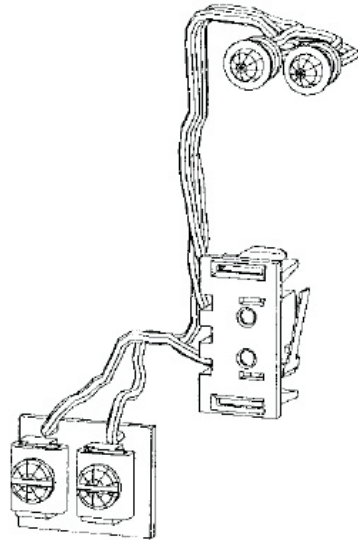


The MMPS comes standard with one (1) N/O initiating circuit switch module. Additional Switch modules with a snap-in terminal strip can be added to accommodate field requirements. A total of three (3) additional N/O or N/C switches may be added. Two (2) can be pullbar activated and one (1) can be shield activated.

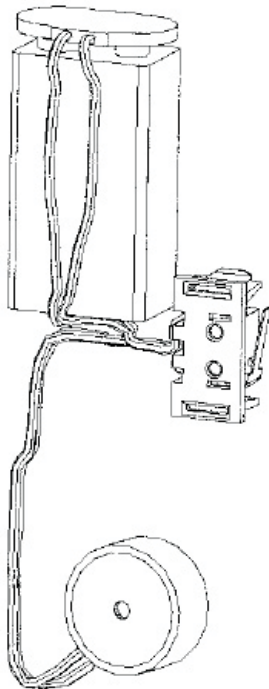


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The MMPS can accommodate an LED switch module which is powered from an outside 24 VDC source. The LED's will give a visual status indicator on the station's front cover (green/armed, ready; red/alarm/activated). The LED's may be shield or pullbar activated.



A sounder module can be installed in the MMPS station providing an audible alarm through the vandal-resistant front grill of the station. The sounder module is 9 VDC powered and can be shield or pullbar activated. The sounder module, when shield activated, can help deter false alarms.



The MMPS is easily retrofitted with optional color covers and corresponding nameplates for Tornado Alarm, EVAC Alarm, Spanish Fire Alarm wording, and blank inserts. The standard MMP color is Red.

NOTICE: The information contained in this document is intended only as a summary and is subject to change without notice. The devices described in this document have specific instruction sheets which cover various technical, limitation and liability information. Copies of these instruction sheets and the General Product Warning and Limitations Document, which also contains important information are provided with the product and are available from Harrington Signal Inc. Fire Alarm. Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact Harrington Signal Inc. Harrington Signal Inc. Fire Alarm reserves the right to change specifications without notice.