



MSR-50 SERIES

Remote Accessories For Duct Smoke Detectors

The MSR-50R Series remote accessories are designed for use with ACI duct smoke detectors and other monitoring devices to provide the range of functionality required by your local commercial application. Remote accessories are usually required by the AHJ (Inspector) for installation. If a duct smoke detector is not wired to a fire system or a remote test station, when the unit goes into alarm, the end user would have to climb up to the duct to manually reset the unit. The MSR-50R Series comes in two models of the controller: the MSR-50RM which provides a hidden magnet test switch and a pushbutton reset; the MSR-50RK provides a key-operated detector test and reset function.

Both versions of the MSR-50R accessory are available as either a single gang remote indicator/control, or with the addition of a single gang strobe only or enhanced sounder / LED strobe assembly. As controller only or with the added strobe only or sounder / strobe, all configurations are compatible with standard Decora style cover plates (choice of white, red or stainless steel).

The strobe assembly provides visual only indication; the sounder strobe assembly provides audible indication as well as visual indication of alarm conditions. Either option is connected to the indicator/control assembly via a provided polarized connector. For convenience, blue "SMOKE" and red "FIRE" strobe lens decals are included for both horizontal and vertical mounting. The strobe and audible buzzer features are not ADA compliant, and not intended for life safety notification or evacuation purposes (public mode). These functions are for duct smoke detector status indication only (private mode).

Applications: For use with ACI Duct Smoke Detection Systems

The MSR-50 Series is covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, workaci.com.

PRODUCT SPECIFICATIONS

Power Requirements:	Alarm LED: 15 mA @ 24 VDC
	Trouble LED: 15 mA @ 24 VDC
	Pilot LED: 15 mA @ 24 VDC
	Alarm Horn: 20 mA @ 24 VDC
Sound Pressure:	Alarm Horn: 78 db @ 10ft
Wiring	LEDs/Horn: 6" / 24 AWG pigtails
	Switches: 6" / 22 AWG pigtails
Product Dimensions:	Single Gang Plate: (H) 4.50" (114.3 mm) x (W) 2.75" (69.85 mm)
	Double Gang Plate: (H) 4.50" (114.3 mm) x (W) 4.50" (114.3 mm)
Agency Approvals:	UL Listed for use with ACI Products and Controls duct smoke detectors including all RW-Series, SM-Series, HS-Series and SL-Series duct smoke detectors
	UL URRQ, URRQ7.57425
	CSFM 7300-1004:107
	MEA 73-92-E VOL25





DIMENSIONAL DRAWING

<p>Single Gang</p> <p>4.50" (114.30mm)</p> <p>2.75" (69.85mm)</p>		<p>.22" (5.59mm)</p>
<p>Double Gang</p> <p>4.50" (114.30mm)</p> <p>4.50" (114.30mm)</p>		<p>.22" (5.59mm)</p>
<p>Front View</p>	<p>Right View</p>	<p>Top View</p>

STANDARD ORDERING | HORN STROBE

Model #	Item #	Description
MSR-50RK/W	144981	Remote with Key, Test/Reset, White Single Gang Plate
MSR-50RM/W	----	Remote with Magnet Test, White Single Gang Plate
MSR-50RKA/W	146753	Remote with Key, Sounder, White Double Gang Plate
MSR-50RKAV/W/C	146754	Remote with Key, Strobe, Sounder, White Double Gang Plate