

MSR-50R SERIES

ADVANCED REMOTE ACCESSORIES

PRODUCT DESCRIPTION

The MSR-50R Series remote accessories are designed for use with Air Products and Controls duct smoke detectors to provide the range of functionality required by your local commercial application.

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).





MSR-50RM/R & MSR-50RK/R

The MSR-50R Series indicator/control assemblies provide:

- Tri-color visual indication of detector Pilot, Trouble and Alarm conditions
- Lever-operated quick-connect "No-Tools" four-position terminal block
- Port for plugging in the optional strobe assembly
- Key-operated detector Test and Reset functions (MSR-50RK model only)
- Magnet-operated detector Test function (MSR-50RM model only)
- Pushbutton-operated detector reset function (MSR-50RM model only)

STROBE or SOUNDER / STROBE CONNECTION

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 (shown right).

To install the strobe or sounder/strobe module, simply follow the strobe assembly instructions then plug the provided connector onto the pins as indicated on the rear of the indicator/control module.

For convenience, blue "SMOKE" and red "FIRE" strobe lens decals are included for both horizontal and vertical mounting.



NOTE: 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).

WIRING

For appropriate duct detector wiring terminals, please refer to detector and MSR-50R Series installation instructions.



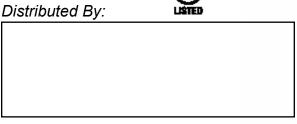
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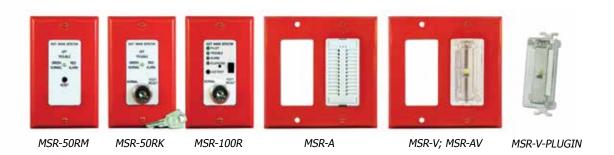




PRODUCT SPECIFICATIONS

MSR Series							
Pick a Cont	rol						
MSR-50RM		Hidden Magnet Test and Push Button Reset with Pilot, Trouble and Alarm LED Visual Indication					
MSR-50RK	Key Switch Test and Reset with Pilot, Trouble and Alarm LED Visual Indication						
	Add to Make a Combo, Or Skip to Selecting a Plate Color (AV, A and V combinations are double gang)						
	/AV	Add Audio Visual Combination					
	/A	Add Enhanced Audio Sounder only					
	/V	Add Visual Strobe only					
		Add Choice of Decora-Style Plate					
		/R Red. Single gang for controller-only models, double gang for upgrades/combos					
		/W White. Single gang for controller-only models, double gang for upgrades/combos					
		/S Stainless Steel. Single gang for controller-only, double gang for upgrades/combos					
	If a Visual Indication Strobe was Added, Select a Lens Finish						
		/C Clear					
		/C Clear /O Opaque					
dd-ons and	Replace	<u> </u>					
		/O Opaque					
		/O Opaque ement Parts					
May only be		/O Opaque ement Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone.					
May only be		/O Opaque ment Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone. Adds Audio Visual Combination					
May only be MSR-AV MSR-A	added	/O Opaque ment Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone. Adds Audio Visual Combination Adds Enhanced Audio Sounder only					
May only be MSR-AV MSR-A	added	/O Opaque ment Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone. Adds Audio Visual Combination Adds Enhanced Audio Sounder only Adds Visual Strobe only					
May only be MSR-AV MSR-A	Add Cl	/O Opaque ment Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone. Adds Audio Visual Combination Adds Enhanced Audio Sounder only Adds Visual Strobe only noice of Decora-Style Plate					
May only be MSR-AV MSR-A	Add Cl	/O Opaque ment Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone. Adds Audio Visual Combination Adds Enhanced Audio Sounder only Adds Visual Strobe only noice of Decora-Style Plate Red. Double gang.					
May only be MSR-AV MSR-A	Add CI	/O Opaque ment Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone. Adds Audio Visual Combination Adds Enhanced Audio Sounder only Adds Visual Strobe only noice of Decora-Style Plate Red. Double gang. White. Double gang.					
May only be MSR-AV MSR-A	Add CI	/O Opaque ment Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone. Adds Audio Visual Combination Adds Enhanced Audio Sounder only Adds Visual Strobe only noice of Decora-Style Plate Red. Double gang. White. Double gang. Stainless Steel. Double Gang.					
May only be MSR-AV MSR-A	Add CI	/O Opaque ement Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone. Adds Audio Visual Combination Adds Enhanced Audio Sounder only Adds Visual Strobe only noice of Decora-Style Plate Red. Double gang. White. Double gang. Stainless Steel. Double Gang. If a Visual Indication Strobe was Added, Select a Lens Finish					
May only be MSR-AV MSR-A	Add Cl /R /W /S	/O Opaque ement Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone. Adds Audio Visual Combination Adds Enhanced Audio Sounder only Adds Visual Strobe only noice of Decora-Style Plate Red. Double gang. White. Double gang. Stainless Steel. Double Gang. If a Visual Indication Strobe was Added, Select a Lens Finish /C Clear					
May only be MSR-AV MSR-A MSR-V	Add Cl /R /W /S	/O Opaque ement Parts to MSR-50 or MSR-100 Controller, will not operate as "stand alone. Adds Audio Visual Combination Adds Enhanced Audio Sounder only Adds Visual Strobe only noice of Decora-Style Plate Red. Double gang. White. Double gang. Stainless Steel. Double Gang. If a Visual Indication Strobe was Added, Select a Lens Finish /C Clear /O Opaque					

POWER REQUIREMENTS:	MSR-50R Standby:	06mA				
	Detector Alarm:	22mA	Remote Alarm Test:	37mA		
	Detector Alarm w/ Sounder:	57mA	Remote Alarm w/Sounder:	72mA		
	Detector Alarm w/ Sounder & Strobe	:: 92mA	Remote Alarm w/ Sounder & Strobe:	107mA		
SOUND PRESSURE:	Models with enhanced Audible Indicator only; UL Adjusted: 69db @ 10 ft (high); 54db @10 ft (low) Reveberant Room: 87db @ 10 ft (high); 83db @10 ft (low)					
DIMENSIONS:	Single Gang Plate: $4\frac{1}{2}$ " (114.3mm)H x $2\frac{3}{4}$ " (69.85mm)W Double Gang Plate: $4\frac{1}{2}$ " (114.3mm)H x $4\frac{1}{2}$ " (114.3mm)W					
WIRING:	14-28AWG, Solid or Stranded					
APPROVALS:	UL Listed for use with Air Products and Controls duct smoke detectors including all HS- Series, SM- Series, SL- Series and RT- Series duct smoke detectors UL S7425 (UL268-URRQ) / CSFM 7300-1004:119 / MEA 73-92-EVol. 39					
	Listed as APC MSR-50RMS (strobe); MSR-50RMA (sounder), MSR-50MSA (enhanced sounder/LED strobe					



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