PRODUCT DESCRIPTION

The MSR-100 Series remote accessories are designed to be used with Air Products and Controls duct smoke detectors to provide the most complete functionality ever available in such a device.

The remote accessory is available with either the single gang remote indicator/control (MSR-100R Products), or with the addition of a single gang strobe assembly (MSR-100RS Products). Both versions are compatible with standard Decora style cover plates (choice of white, red or stainless steel). A strobe-only version (MSR-100S Products) is available for retrofit upgrade of "controller only" installations.

The indicator/control assembly provides:

Visual indication of detector Pilot, Trouble and Alarm Functions
Selectable audible indication of Alarm, Trouble or both
Buzzer Silence function, with silenced indication and "ringback" following condition correction
Lamp/Buzzer test function
Key-Operated detector Test and Reset functions
Lever-operated "No-Tools" terminal block
Port for plugging in the optional strobe assembly
Blue "SMOKE", red "FIRE" strobe lens decals included for both horizontal and vertical mounting

MSR-100R/R

STROBE CONNECTION

The strobe assembly provides visual indication of alarm conditions, and is connected to the indicator/control assembly via the provided polarized connector.

To install the strobe module, simply plug the provided connector onto the pins as indicated on the rear of the indicator/control module. Snap the strobe lens into the cover plate, and install cover plate following completion of remote module wiring.

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).

MSR-100RS/W/C

CSFM LISTED   **MEA** ACCEPTED   c **UL** us LISTED

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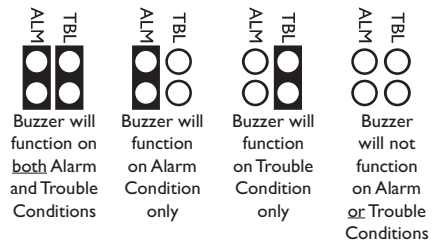(888) 332-2241 Toll free
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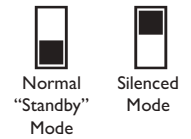
AUDIBLE BUZZER CONFIGURATION

There are two jumpers located on the rear of the indicator/control assembly. To enable audible buzzer operation for Alarm or Trouble conditions, simply leave the jumpers in place. To disable either or both functions, remove the appropriate jumper(s).

ALM TBL	ALM TBL	ALM TBL	ALM TBL
Buzzer will function on both Alarm and Trouble Conditions	Buzzer will function on Alarm Condition only	Buzzer will function on Trouble Condition only	Buzzer will not function on Alarm or Trouble Conditions

SILENCE AND RINGBACK FUNCTIONS

On the occasion where an audible alarm or trouble condition needs to be silenced while the detector condition is inspected and remedied, the indicator/control module provides a silence function. The slide switch located on the front of the module is pushed UP to activate the silence function.

Upon correction of the notified condition, the silenced buzzer will resume sounding. The ringback feature serves as a reminder to reset the silence switch to the "normal", UP position.

Normal "Standby" Mode   Silenced Mode

Note that the strobe module, when installed, will not stop operating when the silence function is engaged.

WIRING

For appropriate duct detector wiring terminals, please refer to detector and MSR installation instructions.

PRODUCT SPECIFICATIONS

MSR-100R Series Remote Accessory Controllers

MSR-100R/W   Remote Indicator/Control Assembly w/ White Single Gang Cover Plate

MSR-100R/R   Remote Indicator/Control Assembly w/ Red Single Gang Cover Plate

MSR-100R/S   Remote Indicator/Control Assembly w/ Stainless Steel Single Gang Cover Plate

MSR-100RS Series Remote Accessory Controllers with Strobe

MSR-100RS/W/C   Remote Indicator/Control Assembly w/ Strobe Assembly (Clear Lens); White Double Gang Cover Plate

MSR-100RS/W/O   Remote Indicator/Control Assembly w/ Strobe Assembly (Opaque Lens); White Double Gang Cover Plate

MSR-100RS/R/C   Remote Indicator/Control Assembly w/ Strobe Assembly (Clear Lens); Red Double Gang Cover Plate

MSR-100RS/R/O   Remote Indicator/Control Assembly w/ Strobe Assembly (Opaque Lens); Red Double Gang Cover Plate

MSR-100RS/S/C   Remote Indicator/Control Assembly w/ Strobe Assembly (Clear Lens); Stainless Steel Double Gang Cover Plate

MSR-100RS/S/O   Remote Indicator/Control Assembly w/ Strobe Assembly (Opaque Lens); Stainless Steel Double Gang Cover Plate

MSR-100S Series Remote Accessory Strobes (as an optional field upgrade kit for existing installed MSR-100R Controllers)

MSR-100S/R/C   Strobe Assembly (Clear Lens); Red Double Gang Cover Plate

MSR-100S/R/O   Strobe Assembly (Opaque Lens); Red Double Gang Cover Plate

MSR-100S/S/C   Strobe Assembly (Clear Lens); Stainless Steel Double Gang Cover Plate

MSR-100S/S/O   Strobe Assembly (Opaque Lens); Stainless Steel Double Gang Cover Plate

MSR-100S/W/C   Strobe Assembly (Clear Lens); White Double Gang Cover Plate

MSR-100S/W/O   Strobe Assembly (Opaque Lens); White Double Gang Cover Plate

POWER REQUIREMENTS:	Standby	13mA
	Alarm LED	22mA
	Trouble with Buzzer	33mA
	Trouble Silenced	33mA
	Trouble without Buzzer	13mA
	Alarm with Buzzer	37mA
	Alarm Silenced with Buzzer	37mA
	Alarm with Buzzer and Strobe	154mA
	Alarm Silenced with Buzzer and Strobe	157mA
	Lamp Test with Buzzer	62mA
	Lamp Test with Buzzer Silenced	52mA
SOUND PRESSURE:	60db @ 10 ft	
DIMENSIONS:	Single Gang Plate: 4½" (114.3mm)H x 2¾" (69.85mm)W	
	Double Gang Plate: 4½" (114.3mm)H x 4½" (114.3mm)W	
WIRING:	14-28AWG, Solid or Stranded	
APPROVALS:	UL Listed for use with Air Products and Controls duct smoke detectors including all SM- Series and SL- Series duct smoke detectors UL URRQ, URRQ7.S7425 / CSFM 7300-1004:112 / MEA 73-92-E VOL 31	