ᴵᴵᴵ. MGC™

INSTALLATION AND MAINTENANCE INSTRUCTIONS

MIX-4010-D REPLACEMENT SMOKE DETECTOR FOR MIX-4010-DUCT

ABOUT THIS MANUAL
This manual is included as a quick reference for installation. Refer to LT-6744 MIX-4010-DUCT Installation manual for complete installation details. For further information on the use of this device with a FACP, please refer to the panel's manual.
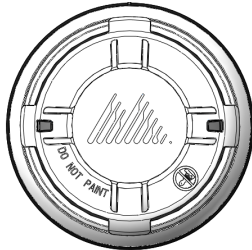
Note: This manual should be left with the owner/operator of this equipment.

DETECTOR DESCRIPTION
The MIX-4010-D smoke detector continuously checks air obscuration and reports it to the Fire-Alarm panel using a fully digital communication protocol. The MIX-4010-D is compatible with FleX-Net™ FX-4000, FX-400, and FX-401 fire alarm control panels.

Before installing this device please thoroughly read this manual and refer to the applicable codes for guidance on location, spacing and acceptable use. Also seek guidance from the compatible control panel instructions for the device operation modes and the configuration requirements.

FIGURE 1:   DETECTOR FRONT:

SPECIFICATIONS

Normal Operating Voltage:	15 to 30VDC
Maximum Alarm Current (LED on):	3.2mA (LED on)
Standby Current:	160µA (LED flashing)
Temperature Range:	32°F to 100°F (0°C to 37.8°C)
Dimensions:	4 1/4" Diameter, 1 3/4" Height
Accessories:	MIX-4090 Programmer

INSTALLATION
This detector must be installed on the base that comes with MIX-4010-DUCT.

The detector address should be programmed using the MIX-4090 hand-held device before inserting the detector on the base. See manual LT-6146 for programming. Addresses 1 to 240 can be used for any device on a SLC loop. Each device on a loop must have a unique address.

1. Position the detector centrally on its adapter base ensuring it is level.
2. Rotate clockwise applying gentle pressure. The detector will drop into its keyed location.
3. Continue to rotate clockwise a few degrees until the detector is fully engaged in the base.
4. When the detector is firmly engaged, check the alignment of the raised reference marks on the detector and on the base (figure 2).
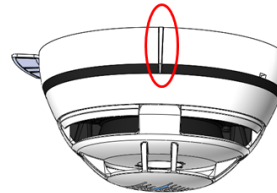
IMPORTANT NOTES ON DETECTOR INSTALLATION
Disconnect loop power before installing the detector.

This detector comes with a dust cover to protect the device during shipping and when first installed. It is not intended to provide complete protection against contamination, therefore, detectors should be removed from their base before construction, major re-decoration or other dust producing work is started. Dust covers must be removed before the system becomes operational.

Smoke detectors are not to be used with detector guards unless the combination has been evaluated and found suitable for that purpose.

FIGURE 2:   ALIGNMENT MARKS

Detector LED Colors		Sensitivity Range
Alarm	Red (Steady on)	1.52%/ft - 2.05%/ft
Air Sampling	Green (Flash)	
Fault	Yellow (Steady on)	