



Installation & Operation Guide

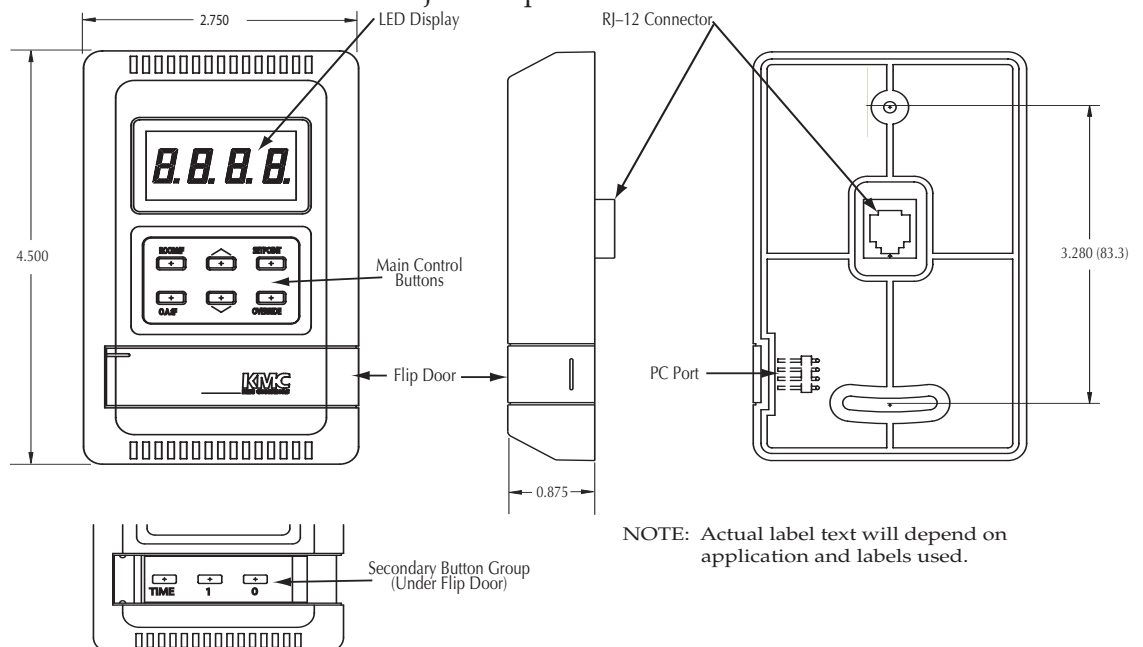


KMD-1101/1121 NetSensor

Introduction

This section provides a brief overview of the KMD-1101/1121 NetSensor. Review this material before you attempt to install the controller.

Illustration 1 shows the major components and their locations.



NOTE: Actual label text will depend on application and labels used.

Illustration 1. NetSensor Component1

Installation

This section provides important instructions and guidelines for installing the KMD-1101/1121 NetSensors. These boards are designed for use with KMD-5500 and KMD-6000 series controllers.

Carefully review this information prior to attempting installation.

Installation



Note:

Preliminary wiring to each sensor location should be completed prior to actual sensor installation. (This includes the installation of the appropriate mounting base.) If wiring is not completed, finish that first. Mounting backplates are available from KMC. (See the appropriate datasheet for accessories.)

To install the NetSensor unit:

1. Turn the Allen screws in the base of the Netsensor clockwise until they clear the cover then swing the sensor away from the backplate to remove it.
2. Feed the RJ-12 cable through the mounting base.
3. Secure the mounting base to the backplate or the 2" x 4" outlet box with the Allen screws toward the floor.
4. If the pig-tail leads are being used, connect them to the wires coming from the wall mount as indicated in the site wiring diagram. Be sure to protect bare wires with suitable insulating material.
5. Insert the RJ- 12 cable coming from the base into the NetSensor.
6. Place the top of the NetSensor over the top of the mounting base and swing it down over the Allen screw brackets. Be careful not to pinch any wiring.
7. Back the Allen screws out of the brackets until they engage the NetSensor cover and hold it in place.

Operation

Controls and Indicators

The following sections describe the controls and indicators found on the NetSensor.

Display

The display contains four .375-inch, 7-segment LEDs that are visible across a normal size office. The display can be programmed to remain on constantly, or to turn off after a set time period. (Refer to the KMD Applications Manual for programming instructions.)

Controls

The KMD-1101/1121 NetSensors include a total of nine pushbuttons; seven of which are user programmable. The actual operation of the programmable buttons will depend on the program assigned to the device.

The remaining two buttons will adjust the value (up or down) if this function is enabled in the programming. Values can be changed for all buttons (if programmed) except the #1 button as follows:

1. Press the button for the desired function.
2. Adjust the value up or down.

PC Port

The NetSensor is equipped with a PC Port. This port provides a RS-485 connection to the digital network that is accessible by a PC. The port is located beneath the flip door on the side of the controller.

To use this port:

1. Open the flip door on the front of the controller.
2. Connect the keyed, flat end of the KMD-5624 NetSensor to PC cable to the port on the NetSensor.
3. Connect the RJ-11 end of the cable to device that converts the RS-485 signal from the NetSensor into an RS-232 signal.



Note:

The KMD-5557 Computer Interface or the KMD-5559 CommTalk are suitable for this purpose.

4. Connect a suitable cable (such as the KMD-5625) from the interface to the computer's serial port.

You should have normal access to the network provided the PC has the proper software application installed and the serial port is configured properly.

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Technical Support

If you have any questions about this technical document or need additional details, please call KMC Controls technical services at 574-831-5250 or e-mail us at techs@kmccontrols.com.

KMC Controls
P.O. Box 497
19476 Industrial Drive
New Paris, IN 46553
U.S.A.
TEL: 574.831.5250
FAX: 574.831.5252
E-mail: info@kmccontrols.com