

TRANSMITTER INSTALLATION INSTRUCTIONS

EACH TRANSMITTER IS SHIPPED COMPLETELY ASSEMBLED AND INSTALLED IN THE ENCLOSURE SPECIFIED WHEN ORDERED. THE TRANSMITTER IS THE SAME UNIT REGARDLESS OF THE TYPE OF ENCLOSURE.

ALL WIRING SHALL BE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL CODE REQUIREMENTS INCLUDING BUT NOT LIMITED TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE NFPA STANDARD 70 AND THE NATIONAL FIRE ALARM CODE NFPA 72.

CONNECT REGULATED/FILTERED 24VDC POWER FROM AN NRTL POWER SUPPLY TO THE DC INPUT TERMINALS. OBSERVE POLARITY AS SHOWN ON THE WIRING DIAGRAM.

CONNECT THE CITY CIRCUIT AND THE TII SURGE SUPPRESSOR ON THE TERMINAL BLOCK AS SHOWN ON THE WIRING DIAGRAM. GROUND THE CIRCUIT IN ACCORDANCE WITH THE REQUIREMENTS OF THE AHJ.

LOAD THE CITYBOX.EXE PROGRAMMING SOFTWARE INTO INSTALLERS COMPUTER. CONNECT DB9M/DB9F PROGRAMMING CABLE FROM THE COMPUTER COM PORT TO THE COM.1 PORT ON THE TRANSMITTER. FOLLOW INSTRUCTIONS AS INDICATED IN THE PC PROGRAMMING GUIDE.

FOR LOCAL ENERGY TRIP CONNECT THE MUNICIPAL TRIP CIRCUIT FROM THE FIRE ALARM CONTROL PANEL TO THE LOCAL ENERGY INPUT Z-9. THE MUNICIPAL TRIP CIRCUIT AS PROVIDED BY THE FIRE ALARM CONTROL PANEL MUST COMPLY WITH THE REQUIREMENTS AS SET FORTH IN NFPA 72. OBSERVE POLARITY AS SHOWN ON THE WIRING DIAGRAM.

INPUT ZONES Z-1 THROUGH Z-8 CAN BE PROGRAMMED AS EITHER A N/O OR N/C CIRCUIT ACTUATED BY ANY N/O OR N/C DRY CONTACT DEVICES OR RELAYS.

CONNECT N/O OR N/C DRY CONTACT DEVICES TO RESPECTIVE INPUT ZONES. INSTALL A 10K RESISTOR ACROSS THE DEVICE CONTACTS FOR N/O CIRCUITS. INSTALL A 10K RESISTOR IN SERIES WITH THE CIRCUIT FOR N/C CIRCUITS.

INSTALL A 10K RESISTOR ACROSS THE ZONE TERMINALS FOR PROPER SUPERVISION OF ALL UNUSED ZONES

TEST THE TRANSMITTER BY SHORTING AN N/O INPUT ZONE OR OPENING AN N/C INPUT ZONE. THE ZONE RELAY AND THE GENERAL ALARM RELAY WILL ACTUATE. VERIFY THAT THE APPROPRIATE RED ALARM LED ILLUMINATES, THE GENERAL ALARM RELAY ACTUATES AND THE PIEZO SOUNDER SOUNDS.

LOSS OF THE CITY CIRCUIT OR OPERATION OF THE DISCONNECT SWITCH CAN BE PROGRAMMED TO EITHER LIGHT THE TROUBLE LED AND ACTUATE THE TROUBLE CONTACT, OR NOT.

EACH INPUT ZONE AND THE LOCAL ENERGY TRIP ZONE IS ASSIGNED TO A CORRESPONDING SPDT DRY CONTACT RELAY. TEST CORRESPONDING RELAYS, IF USED.

THE PIEZO WILL SOUND ON ANY ALARM OR TROUBLE CONDITION. OPERATION OF THE SIL/TEST BUTTON WILL SILENCE THE PIEZO SOUNDER AND/OR LIGHT THE LEDS. THE PIEZO WILL RESOUND ON ANY SUBSEQUENT ALARM OR TROUBLE CONDITION.

REFER TO THE PC PROGRAMMING GUIDE FOR ASSISTANCE IN USING THE PROGRAMMING SOFTWARE AS NECESSARY.

