

Model T-PDC

Main LCD Annunciator

for FireSpy® Tracker Control Panels

SAFETY MESSAGE TO INSTALLERS

People's lives depend on your safe installation of our products. It is important to read, understand and follow all instructions shipped with this product. Listed below are some other important safety instructions and precautions you should follow.

- This unit must be installed and maintained by a qualified electrician in accordance with NFPA 72 and National and local Electrical and fire codes, under the direction of the authority having jurisdiction.
- Do not connect this unit to system wiring when circuits are energized.
- After installation and completion of initial system test, provide a copy of this instruction sheet to all personnel responsible for operation, periodic testing and maintenance of this equipment.
- Failure to follow all safety precautions and instructions may result in property damage, serious injury, or death to you and others.

GENERAL

The T-PDC is a LCD annunciator module. It may be mounted within a T1-CAB enclosure or other UL864 listed enclosure.

The annunciator has an 8 line by 20 character display, 5 system status LEDs, 20 programmable LEDs, audible piezo buzzer, and a 17 button keypad. The PDC has a keyswitch input to provide security of system control functions when the keypad is accessible from outside the locked enclosure. When the PDC is mounted such that the keypad is accessible only by unlocking and opening the enclosure door, the keyswitch input is not used.

For more detailed system information, please refer to the control panel documentation.

INSTALLATION

Mounting and Wiring

WARNING

To reduce the risk of electrical shock, make sure that all power has been turned off or disconnected prior to attempting to

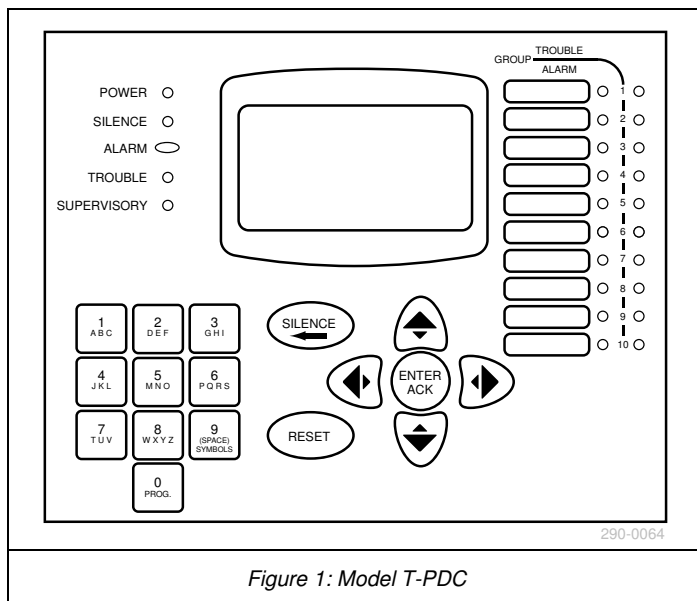


Figure 1: Model T-PDC

Specification	Rating
Listed	ETL, Standard UL864
Use / Environment	Commercial / Indoor, dry
Temperature range	32 to 120° F
Maximum relative humidity	93%
Supply voltage	Regulated 24 DC
Operating current	
Standby	19mA
Alarm	25mA (without backlight) 80mA (with backlight, for 10 seconds after keypress)

Table 1: Specifications

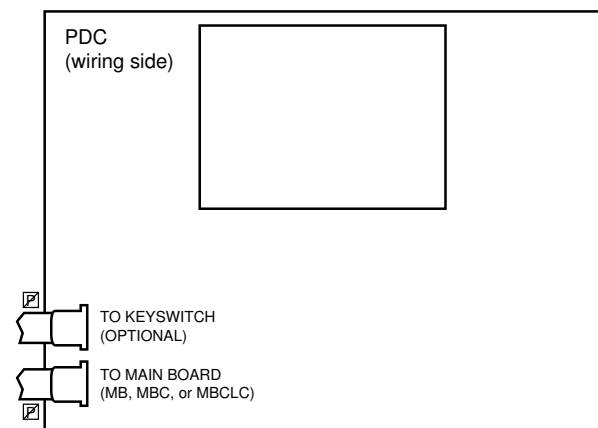
install wiring or connect power.

Refer to the Tracker panel installation manual for battery calculations and other additional requirements for installing the assembly in the fire panel system. Refer to Figure 2 and Figure 4 for PDC mounting and wiring.

For mounting the PDC on the enclosure door, where the keypad is accessible from outside of the cabinet, follow these steps.

1. Install the main panel enclosure as described by the enclosure's documentation.
2. Mount the PDC inside the door of the enclosure and secure with four nuts.
3. Connect the cable between the keyswitch and the PDC.
4. Connect the cable between the PDC and the panel's main board.

For mounting the PDC on the panel's main chassis assembly (MBC or MBCLC) where it is accessible by unlocking and opening the door of the enclosure, follow these steps.



☒ Supervised, non-power-limited circuits
Segregate power-limited wiring from
non-power-limited wiring by at least 1/4 inch.

Figure 2: Wiring

1. Install four standoffs on the chassis.
2. Secure the PDC to the standoffs using four screws.
3. Connect the cable between the PDC and the main board.
4. Install the window cover and secure with four nuts.

MAINTENANCE AND OPERATION

Refer to the control panel documentation for maintenance, testing, operation and programming details.

ORDERING INFORMATION

Model	Stock No.
Panel annunciator (PDC)	T-PDC
Keyswitch	440-0740
Standoffs (1-1/4 inch)	440-0692
Window cover (clear)	654-5031

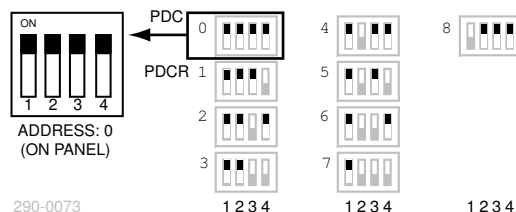


Figure 3: Address settings (SW1)

SERVICE

To get help with problems or questions not covered in these instructions, contact:

Technical Service Department
Harrington Signal Inc.
2519 - 4th Avenue
Moline, IL 61265
(800) 577-5758

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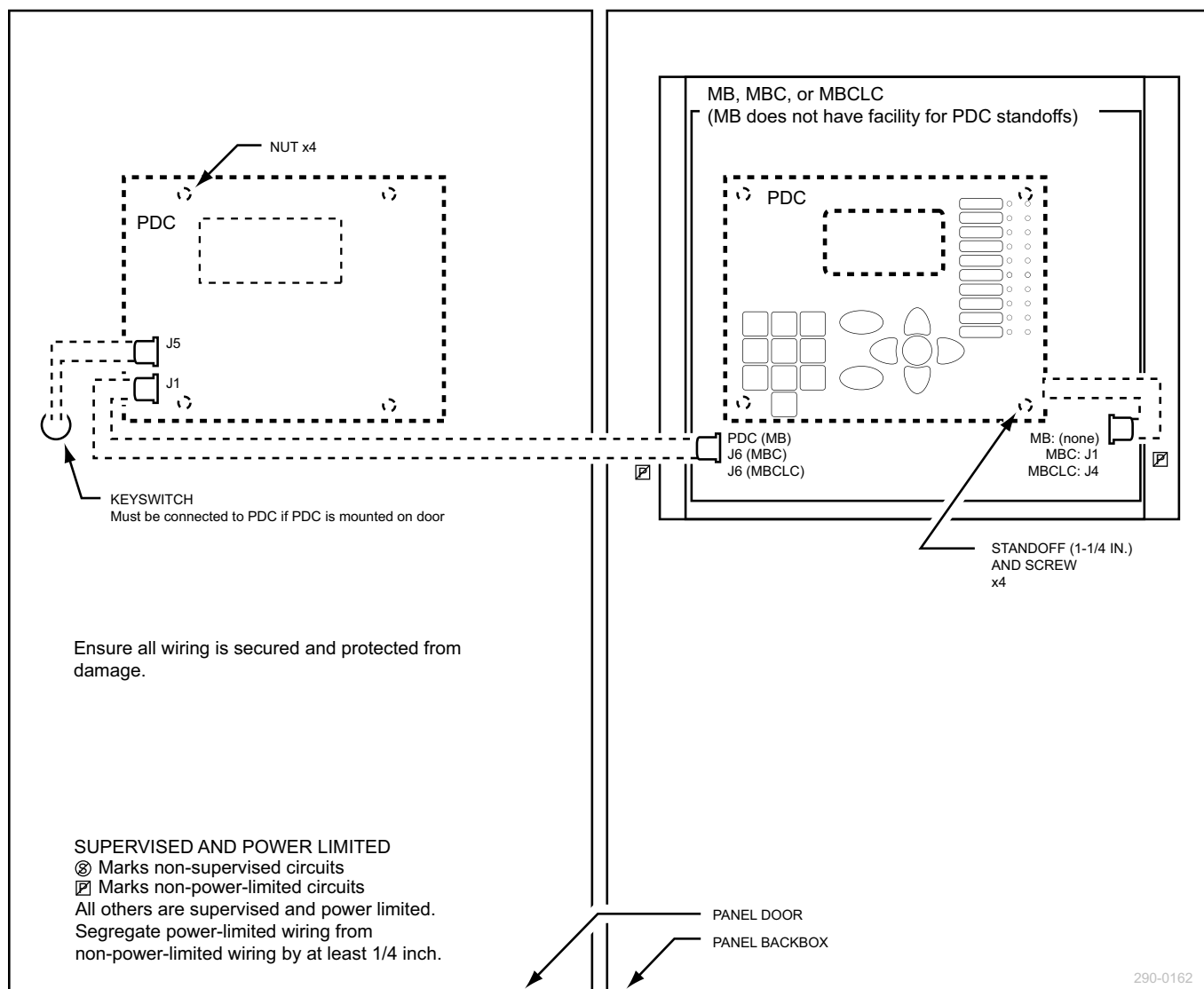


Figure 4: Mounting in Tracker panel enclosure