



## Model PT750-FG Remote Annunciator

### Features

- Large Graphic display with backlight (240 x 128 Pixels)
- Optional Historical data Logging with Real time clock calendar
- Digital 2 way communication with main control panel using RS485 Serial I/O
- Programmable sensor location or tags
- Relays contacts for Low, High and sensor fail alarms.
- Optional Wireless Radio Interface Module or Fiber Optics data converter for noisy environment.
- Reset / Bypass alarm of main control panel using front panel switches.



### Description

Model PT750 Annunciator collects sensor data from the main control monitor. Communication is RS485 half duplex between the annunciator and the control panel using a single pair twisted data cable. Maximum length of the cable is 4000 feet. For noisy environment an optional Fiber Optics data converted is used to transmit and receive data over fiber optics cable. On board are 3 alarm relay contacts. The relays are activated whenever the main control panel is in alarm. Each channel can be programmed to have a sensor tag identifying the location of the sensor. Using the keypad switches on the front panel the alarms on the main control panel can be Reset or Bypassed.

## Model PT750-FG Remote Annunciator

### Specifications

#### Enclosure

Nema 4X Fiberglass Enclosure with  
Clear window

#### Operating Temperature

-50°C to +85°C

#### Operating Humidity

15% to 90% RH, non-condensing

#### Display

240 x 128 Pixels Graphic Display  
With back light

#### Communication Ports

RS232 Serial port to program location  
tags. RS485 for communication with  
Control Panel

#### Enclosure Dimension

Length: 14 inches  
Width: 12 inches  
Height: 6.5 inches

#### Historical data Logging

Historical Alarm / Event Log with date and  
time stamp. Maximum of 300 Event log  
records. Data download to laptop computer  
using Windows Hyper Terminal utility  
program.

#### Optional Radio Interface Module

900 MHz Spread spectrum ratio for  
wireless communication

#### Other Options

Fiber Optics data converter for  
communication using fiber optics cable  
for noisy environment

#### Alarm Relays

Three (3) Each Form "C" type relays  
Rated at 5 Amps AC/DC

#### Input Power

18 - 28 Volts DC  
Optional AC/DC power Supply

#### Power Consumption

< 2.5 Watts Nominal  
3.5 Watts maximum

#### Serial Interface

RS-485 MODBUS RTU at 9600 Baud.

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### ***Pem-Tech, Inc.***