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Your Alternative  
To The Obvious

## Model 272D Digital Remote Display/Annunciator

### Introduction

The Model 272D Digital Remote is a remote status instrument for the Ludlum Model 375 series of Area Monitors. A large four-digit LED (light emitting diode) display shows the current radiation reading from 0.1 to 9999 in the same display units as the Model 375. The Model 272D also shows the current status of the Model 375. The LOW ALARM, HIGH ALARM, SYSTEM OK, and DET FAIL status indicators are all provided. The audio has a toggle switch that allows the audio to be enabled or disabled. A pushbutton RESET switch allows the alarm on both the Model 375 and the Model 272D to be reset.



### Specifications

INDICATED USE: remote digital display/annunciator for the Model 375 series of Area Monitors

AUDIO: Sonalert-type speaker (greater than 68 dB at 0.61 m [2 ft]) with enable/disable switch

RADIATION READOUT DISPLAY:

DISPLAY: four-digit LED display with 2 cm (0.8 in.) digits

DISPLAY RANGE: 000.0–9999

DISPLAY UNITS: can be made to display in  $\mu\text{R/hr}$ ,  $\text{mR/hr}$ ,  $\text{R/hr}$ ,  $\mu\text{Sv/hr}$ ,  $\text{mSv/hr}$ ,  $\text{Sv/hr}$ ,  $\mu\text{rem/hr}$ ,  $\text{mrem/hr}$ ,  $\text{rem/hr}$ ,  $\text{cpm}$ ,  $\text{cps}$ , and others

STATUS: green light, instrument functioning properly

ALARMS:

Low Alarm: yellow light, 1 beep/second audible, selectable range: 0–9999

High Alarm: red light, 4 beeps/second audible, selectable range: 0–9999

Detector Fail: red light, constant audible tone > 68 dB at 0.61 m (2 ft)

Low Bat: yellow light, indicates less than two hours of battery life remaining

CONTROLS:

Audio: On/Off

Alarm Reset

POWER SUPPLIED BY: 120–240 Vac with 5.0 Vdc regulated output

CONNECTOR: quarter-turn circular connector

CONSTRUCTION: aluminium with ivory powder coat

TEMPERATURE RANGE: -20 to 50 °C (-4 to 122 °F), may be certified to operate from -40 to 65 °C (-40 to 150 °F)

SIZE: 16.8 x 20.3 x 4 cm (6.5 x 8 x 1.56 in.) (H x W x D)

WEIGHT: 0.7 kg (1.5 lb)

### Alternate Instruments

Model 271: remote display/annunciator for the Model 375 series Digital Area Monitors (Part No. 48-2475)

Model 271-2: dual channel remote display for Model 375 series Digital Area Monitors (Part No. 48-3536)

Model 272: remote display/annunciator area monitor with analogue meter dial, for the Model 375 series Digital Area Monitors, CE Certified (Part No. 48-2656)