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 μR/hr, mR/hr, R/hr, μSv/hr, mSv/hr, Sv/hr, μrem/hr, mrem/hr, rem/hr, cpm, 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)