

Model 272D

Digital Remote Display/Annunciator

Radiation Detection for a Safer World



Ludlum Measurements, Inc.



Part No. 48-3575

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 $\mu\text{R/hr}$, mR/hr , R/hr , $\mu\text{Sv/hr}$, mSv/hr , Sv/hr , $\mu\text{rem/hr}$, 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: aluminum 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 analog meter dial, for the Model 375 series Digital Area Monitors, CE Certified (Part No. 48-2656)