LUDLUM MODEL 271 REMOTE

January 2014

Serial No. 106787 and succeeding
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STATEMENT OF WARRANTY

Ludlum Measurements, Inc. warrants the products covered in this manual to be free of defects due to workmanship, material, and design for a period of twelve months from the date of delivery. The calibration of a product is warranted to be within its specified accuracy limits at the time of shipment. In the event of instrument failure, notify Ludlum Measurements to determine if repair, recalibration, or replacement is required.

This warranty excludes the replacement of photomultiplier tubes, G-M and proportional tubes, and scintillation crystals which are broken due to excessive physical abuse or used for purposes other than intended.

There are no warranties, express or implied, including without limitation any implied warranty of merchantability or fitness, which extend beyond the description of the face there of. If the product does not perform as warranted herein, purchaser’s sole remedy shall be repair or replacement, at the option of Ludlum Measurements. In no event will Ludlum Measurements be liable for damages, lost revenue, lost wages, or any other incidental or consequential damages, arising from the purchase, use, or inability to use product.

RETURN OF GOODS TO MANUFACTURER

If equipment needs to be returned to Ludlum Measurements, Inc. for repair or calibration, please send to the address below. All shipments should include documentation containing return shipping address, customer name, telephone number, description of service requested, and all other necessary information. Your cooperation will expedite the return of your equipment.

LUDLUM MEASUREMENTS, INC.
ATTN: REPAIR DEPARTMENT
501 OAK STREET
SWEETWATER, TX 79556

800-622-0828 325-235-5494
FAX 325-235-4672
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1. GENERAL

The Model 271 Remote is a remote status instrument for the Ludlum Model 375 series of area monitors. The Model 271 shows the current status of the Model 375 that it is connected to. The HIGH ALARM, SYSTEM OK, and DETECTOR FAIL lights are provided.

The Model 271 has an AUDIO ENABLE/DISABLE toggle switch, which controls the audio output.

2. CABLE

CABLE (#8303-433) WIRE-UP FROM MODEL 375 TO MODEL 271

<table>
<thead>
<tr>
<th>MALE PINS--MODEL 375</th>
<th>FEMALE PINS--MODEL 271</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-pin D-shell connector with 5 pins</td>
<td>9-pin D-shell connector with 5 pins</td>
</tr>
<tr>
<td>5</td>
<td>METER</td>
</tr>
<tr>
<td>9</td>
<td>+5V</td>
</tr>
<tr>
<td>2</td>
<td>GND</td>
</tr>
<tr>
<td>3</td>
<td>FAIL</td>
</tr>
<tr>
<td>7</td>
<td>ALARM</td>
</tr>
</tbody>
</table>

3. DRAWINGS AND DIAGRAMS

Model 271 Main Board, Drawing 238 x 36

Model 271 Main Board Component Layout, Drawing 238 x 37

Model 271 Remote Installation, Drawing 238 x 66

Model 271 Wall Mounting Guide, Drawing 238 x 147

(See following pages.)
USE #6 SCREWS

ANCHORS MUST BE ABLE TO HOLD 12 POUNDS AND MUST BE APPROPRIATE FOR WALL CONSTRUCTION

MINIMUM CLEARANCE

DRAWING TO ACTUAL SIZE MAY BE USED AS TEMPLATE