Annunciator Panel – 4 - 20 Zones in 4 Zone Increments
A-4200 Series

Description: The Cornell 4200 series Annunciator Panel works with Cornell’s 4200 call stations, opening up a voice communication path from the master panel to the call station.

Operation: The Master Control Panel has a Red, Green, and Yellow LED per zone to indicate call placed, call answered, and fault respectively. When a call station button is initiated, the zone button must be depressed in order to open voice communication. The push to talk button controls the listen/talk modes.

Mounting: The anodized aluminum/stainless steel faceplate, with silk-screened designations, is to be flush mounted on a Cornell provided back box or surface mounted on Cornell provided wood enclosure.

Engineering Specifications: The CORNELL Annunciator Panel shall include one alternate action switch with two internal LED indicators for each zone. An audible alarm on the Annunciator Panel will emit a minimum sound level of 90db at 30cm. A yellow LED light for each zone will illuminate and the alarm will emit a repeating sound if any of the supervised lines are faulted. The panel shall be constructed of anodized aluminum with permanently silk-screened zone designations on the panel as well as a designation strip.

Technical Information:
- Power Requirements: 24VDC
- Operating Environment: 50°-120°F Indoor Non-condensing
- Physical Faceplate Dimensions: See Back
- Mounting: Cornell Provided Back Box
- Wiring: #22 AWG Minimum, #16 AWG Maximum
<table>
<thead>
<tr>
<th>Component</th>
<th>Model</th>
<th>Zones</th>
<th>Panel Size</th>
<th>Back Box</th>
<th>Back Box Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annunciator</td>
<td>A-4204</td>
<td>4</td>
<td>11&quot;H x 10&quot;W</td>
<td>BB-40</td>
<td>10&quot;H x 9&quot;W x 3.5&quot;D</td>
</tr>
<tr>
<td>Panels</td>
<td>A-4208</td>
<td>8</td>
<td>11&quot;H x 14&quot;W</td>
<td>BB-41</td>
<td>10&quot;H x 13&quot;W x 3.5&quot;D</td>
</tr>
<tr>
<td></td>
<td>A-4212</td>
<td>12</td>
<td>11&quot;H x 18&quot;W</td>
<td>BB-42</td>
<td>10&quot;H x 17&quot;W x 3.5&quot;D</td>
</tr>
<tr>
<td></td>
<td>A-4216 or</td>
<td>16 or 20</td>
<td>20&quot;H x 14&quot;W</td>
<td>BB-43</td>
<td>19&quot;H x 13&quot;W x 3.5&quot;D</td>
</tr>
</tbody>
</table>

* Note: For 4200 systems larger than 20 zones, please call Cornell.

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Diagram illustrating call station wiring options.

CALL STATION WIRING OPTIONS
FOR HOME RUN WIRING:
1. USE CORNELL PART #CB-4230 CABLE
   OR
2. (2) SEPARATE CABLES:
   (1) #22AWG 2-COND SHIELDED PR (AUD)  
   (1) #22AWG 4-COND (POWER/SWITCH/LED)

3-COND #18 AWG (MIN) CONDUCTORS
(2) FOR 24VDC (1) EARTH GROUND

115 VAC, 60 Hz
@ 115 AMP
DEDICATED CIRCUIT
RECOMMENDED

BATTERY BACK-UP
POWER SUPPLY
24VDC @ 3.5A

NOTE:
NO CONDUCT OR WIRE INTO BOTTOM OF CABINET,
BECAUSE OF BATTERIES.

TYPICAL 4200 SERIES ANNUNCIATOR
(A-4204 SHOWN HERE)

OLDER MODELS 4201A 4201B

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CORNELL Communications, Inc.
sales@cornell.com  414-351-4660
Web: www.cornell.com  414-351-4657(fax)

DATE: JUNE 13, 2012
SYSTEM: 4200 RESCUE ASSISTANCE
TITLE: TYPICAL SYSTEM LAYOUT
DRAWING #: 90021-12  D4200W-A

CORNELL COMMUNICATIONS, INC.
Milwaukee, Wisconsin USA  800-558-8957  414-351-4660  Fax 414-351-4657
www.cornell.com  sales@cornell.com