GENERAL INFORMATION

A member of ETC’s Paradigm family of lighting control the Paradigm Station Repeater Module was designed for use with the Unison ERn control enclosures with Paradigm control. The Paradigm Station Repeater Module offers additional station support to a Paradigm system when added to a Station Power Module.

APPLICATIONS
- Churches
- Schools
- Restaurants
- Hotels
- Museums
- Casinos
- Ballrooms

FEATURES
- Designed for use in Unison ERn control enclosures
- Plug and Play – ready to go out of the box, no software or external programming required
- LinkConnect – Echelon’s LonTalk® protocol with LinkPower, the two wire topology-free system gives you the freedom to put station where you need them
  - Up to 30 additional stations
  - One additional 500 meter segment of wiring per system with Repeater
  - Two additional 500 meter segments of wiring per system with Dual Repeater
- Auxiliary power – 24 volt DC power to support Unison interface stations Paradigm Touchscreens
  - Up to 4 touchscreen stations may be used per P-REP or P-DREP

GENERAL
- UL and cUL LISTED
- CE Marked

ORDERING INFORMATION

Paradigm Repeater Modules

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>P-REP</td>
<td>Paradigm Station Repeater Module</td>
</tr>
<tr>
<td>P-DREP</td>
<td>Paradigm Dual Station Repeater Module</td>
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</table>

For use with Unison ERn4

Related Products

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERn2-W*</td>
<td>2 slot wall mount Control Enclosure</td>
</tr>
<tr>
<td>ERn2-RM</td>
<td>2 slot rack mount Control Enclosure</td>
</tr>
<tr>
<td>ERn4-W*</td>
<td>4 slot wall mount Control Enclosure</td>
</tr>
<tr>
<td>ERn4-RM**</td>
<td>4 slot rack mount Control Enclosure</td>
</tr>
</tbody>
</table>

*Available in 100-120V, 230V CE and 240V
**Available in 100-120V and 240V only
## Specifications

### Functional
- Provides Echelon® LonTalk® with LinkPower for up to 30 additional stations
- Provides 24V auxiliary power for interface and touchscreen stations
- Repeater module provides an additional 1640 feet (500 meters) of station bus from the ERn enclosure
- Dual Repeater module provides two additional 1640 feet (500 meter) station bus segments from the ERn enclosure

### Mechanical
- Designed for use in the Unison Control Series (ERn) Enclosures
- 18-gauge formed steel construction
- Fine-texture, scratch resistant, epoxy paint
- Wall-mount and 19" rack-mount variants available
- Convection cooled
- Fully contained plug in module with no discrete wire connections
- Tool free installation
- Front panel status indicators

### Electrical
- No discrete wiring connections required for use in an ERn control enclosure
- Echelon LonTalk with LinkPower communications with remote devices, including button stations, button/fader stations, touchscreen stations, sensors, and third party LonMARK compliant products
- 24V Auxiliary power for interface and touchscreen stations
- UL and cUL LISTED, CE marked

### Thermal
- Ambient room temperature: 0-40°C / 32-104°F
- Ambient humidity: 10-90% non-condensing

### Module Dimensions*

<table>
<thead>
<tr>
<th>MODEL</th>
<th>HEIGHT</th>
<th>WIDTH</th>
<th>DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inches</td>
<td>inches</td>
<td>mm</td>
</tr>
<tr>
<td>P-REP</td>
<td>2.6</td>
<td>66</td>
<td>12.2</td>
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<tr>
<td>P-DREP</td>
<td>5.2</td>
<td>132</td>
<td>12.2</td>
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</table>

### Module Weights*

<table>
<thead>
<tr>
<th>MODEL</th>
<th>WEIGHT</th>
<th>SHIPPING WEIGHT</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>lbs</td>
<td>kgs</td>
</tr>
<tr>
<td>P-REP</td>
<td>4.8</td>
<td>2.2</td>
</tr>
<tr>
<td>P-DREP</td>
<td>5.8</td>
<td>2.6</td>
</tr>
</tbody>
</table>

*Weights and dimensions typical