**Smart-Sync™ Repeater**

The Smart-Sync™ repeater is a means of extending coverage and improving communication within our proprietary Bluetooth low energy mesh network. The key components of a Smart-Sync managed clock system include:

- Bridges, which provide time and feature changes via Bluetooth low energy mesh network; and report clock status to OneVue™ through a customer’s Ethernet network; and,
- Clocks, which communicate with each other and the bridge based on the strongest Bluetooth low energy mesh network signal.

The repeater is a cost-effective solution for spanning gaps between groups of clocks, improving signal strength between clocks, and providing additional communication routes back to a bridge. Bluetooth low energy uses the 2.4 GHz ISM band and employs adaptive frequency hopping to reduce interference with other devices.

<table>
<thead>
<tr>
<th>SMART-SYNC REPEATER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Model No.</td>
<td>Description</td>
</tr>
<tr>
<td>B100-R</td>
<td>Smart-Sync Repeater</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACCESSORIES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Model No.</td>
<td>Description</td>
</tr>
<tr>
<td>S100PWR</td>
<td>AC Adapter</td>
</tr>
<tr>
<td>Q13827</td>
<td>AC Adapter Extension 6’ (1.8 M)</td>
</tr>
</tbody>
</table>

- Smart-Sync clocks and repeaters ‘wake up’ once daily
- Clocks synchronize time via Smart-Sync Bridge
- Clocks and repeaters form network based on strongest signal to another clock, repeater or the bridge
- If one clock or repeater fails, other clocks will ‘find their way home’ to the strongest signal
- The bridge reports clock and repeater status to OneVue
- OneVue accessible via PC or mobile devices
SMART-SYNC REPEATER SPECIFICATIONS:

Power:
• Typical five (5) year battery life. Battery life is based on operating conditions and may vary due to installed site conditions.
• Requires 2 D-cell alkaline batteries (supplied)
• Optional AC-power accessory: 5V DC USB Mini B (5 pin) connector interface, 5 ft (1.5 m) cable, Input: 100-240 VAC, 50/60 Hz, 0.4A,
• Output: 5V DC, 1.0A max

Enclosure:
• Enclosure: ABS plastic
• Dimension: 11.5 cm W x 4 cm H (115 mm x 40 mm)
• Weight: 1.0 lb (455 grams) with 2 D-cell alkaline batteries
• Mounting: wall or surface-mount

Environmental:
• Operating Temperature Range: 32° to 95° F (0° to 35° C); indoor use only
• Storage Temperature Range: -4° to 158° F (-20° to 70° C)

Certifications:
• FCC, CE, IC and Bluetooth® Certified

To Learn More:
Call  262.729.4858
Email: info@primexinc.com
primexinc.com

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Primex, Inc. is under license. Other trademarks and trade names are those of their respective owners.

OneVue is a trademark of Primex. The innovative technology software solution for facility and time synchronization monitoring and reporting. All other trademarks are the property of their respective owners.

©2018 Primex. The Primex logo is a registered trademark of Primex.
All Rights Reserved.