OneVue Sync Transmitter

The OneVue Sync Transmitter unifies timekeeping and critical notifications on the Primex OneVue Platform, using a high-penetration frequency to talk to devices throughout a building or campus. (Broadcast at 72Mhz/FCC-licensed frequency).

OneVue Transmitters can be configured with different power output levels, allowing coverage to scale from a single building to an entire campus.

ONEVUE
• OneVue streamlines administration by combining functions in one connected service: clock synchronization, class bells, reports, and system monitoring.
• OneVue simplifies facility management.
• GPS receiver obtains time from satellite
• Transmitter can also obtain time over network from NTP

SAFE, SIMPLE, COMPATIBLE
• Efficiently sends time synchronization signals through commercial building materials to ensure all devices receive important time updates, even for daylight saving time, and after a power outage.
• Backwards-compatible with your Primex clocks; syncs with or without OneVue; integrates with notification systems such as Public Address.
• Daylight saving time and time zone controlled through Bluetooth® app or OneVue control panel.

FLEXIBLE CONFIGURATIONS
• May be equipped to receive either GPS or NTP time sources, and provide the flexibility to scale signal coverage from a single building to an entire campus.

1-WATT TRANSMITTERS
Appropriate for a single building, these transmitters are configurable with an internal antenna, or with an external roof-mounted antenna to expand coverage.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Power</th>
<th>Antenna Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>TX4001IM</td>
<td>1 Watt</td>
<td>Internal</td>
</tr>
<tr>
<td>TX4001EM</td>
<td>1 Watt</td>
<td>External</td>
</tr>
<tr>
<td>TX4001NR</td>
<td>1 Watt</td>
<td>Repeater</td>
</tr>
</tbody>
</table>

5-WATT AND 30-WATT TRANSMITTERS
Campus-wide deployments are facilitated with the OneVue Transmitter 5-watt or 30-watt models, which include an external roof-mounted antenna, and require installation by a Primex Certified Installer.

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<tbody>
<tr>
<td>TX4005EM</td>
<td>5 Watts</td>
<td>External</td>
</tr>
<tr>
<td>TX40030EM</td>
<td>30 Watts</td>
<td>External</td>
</tr>
</tbody>
</table>
1-WATT TRANSMITTER SPECIFICATIONS:
• 1-Watt maximum transmission (at transmitter)
• 72 MHz frequency range
• 49 channels available (pre-programmed prior to shipping)
• Daylight saving time and time zone controlled through Bluetooth app or Cloud control panel
• Dimensions: 17.0"L x 12.0"W x 1.7"D (43.2cm x 30.5cm x 4.32cm)
• Power Supply:
  – Input: 120 VAC, 50/60 Hz, 0.6 Amp
  – Output: 9 VDC, 2.78 Amp (6 ft. cord, 1.83m)
• Operating Range: 32°- 122°F (0° - 50°C)

Transmitter with Internal Antenna (refer to Figure 1)
• Antenna: 46.0" Long (116.8cm)
• Weight: 7.75 lbs. (3.5kg)

Transmitter with External Antenna
• Cabling: 100’ (30.48m) between transmitter and antenna provided
• FCC Part 90 Accepted
• IC RSS-119 Accepted
• Weight: 9 lbs. (4.1kg)

Repeater (TX4001NR)
• Requires installation of a Master Transmitter in order to receive and transmit the GPS time signal
• Antenna: 46.0” Long (116.8cm)
• Weight: 7.75 lbs. (3.5kg)

Outdoor Ground Plane Antenna
• For use with TX4001EM Transmitters
• Dimensions: 29.4”H x 41.5”W (74.7cm x 105.4cm)
• Lightning Protection: Direct Ground
• Cabling: 100’ (30.48m) between transmitter and antenna provided
• FCC Part 90 Accepted
• IC RSS-119 Accepted
• Weight: 8.25 lbs. (3.75kg)

5/30-WATT SPECIFICATIONS:
• Operating Frequency Range: 72 MHz
• Enclosure Dimensions: 22”W x 17”H x 22”D (55.88cm x 43.18cm x 55.88cm)
• Approx. Weight: 55 lbs. (24.9kg)
• Power Supply Requirements:
  – Input: 120 VAC, 50/60 Hz, 6.0A Max
  – Oversized heat sink provides adequate cooling
• Amplifier Output Bandwidth: >20 MHz maximum
• Connector at Antenna: N-male
• 100’ (30.48cm) of cabling between transmitter and antenna

GPS Receiver Specifications:
• Included with Primary Transmitter
• 16’ (5m) cable. 50, 100, 150 and 200 foot (15.24m, 30.48m, 45.72m and 60.69m) extensions available
• Mounting bracket and hardware included for rooftop or window installation
• Dimensions: 2.5”W x .75”H (6.35cm x 1.91cm)
• Mounting Bracket: 3.5”W x 1.4”H x 4.5”D (8.89cm x 3.56cm x 11.43cm)
• Weight: 0.75 lb. (.34kg)
• Operating Range: -32°- 158°F (-30° - 70°C)

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