

# 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

## 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.

1-WATT TRANSMITTERS		
Part Number	Power	Antenna Type
TX4001M	1 Watt	Internal
TX4001EM	1 Watt	External
TX4001NR	1 Watt	Repeater

## 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.

5-WATT AND 30-WATT TRANSMITTERS		
Part Number	Power	Antenna Type
TX4005EM	5 Watts	External
TX40030EM	30 Watts	External

## 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.



1-Watt Transmitter



5- or 30-Watt Transmitter

## 1-WATT TRANSMITTER SPECIFICATIONS:

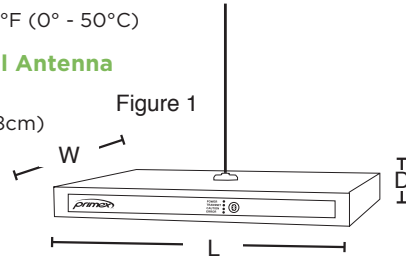
- 1-Watt maximum transmission (at transmitter)
- 72 MHz frequency range
- 49 channels available (pre-programmed prior to shipping)
- Daylight saving time and time zone controlled through Bluetooth app or Cloud control panel
- Dimensions: 17.0"L x 12.0"W x 1.7"D (43.2cm x 30.5cm x 4.32cm)
- Power Supply:
  - 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)

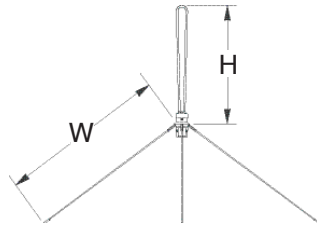


### Repeater (TX4001NR)

- 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)

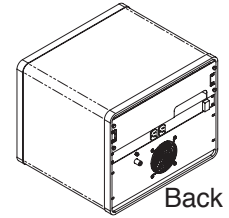
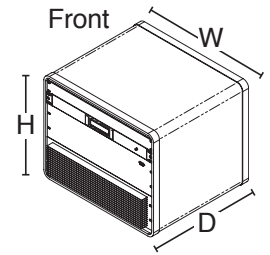
### Outdoor Ground Plane Antenna

- For use with TX4001EM Transmitters
- Dimensions: 29.4"H x 41.5"W (74.7cm x 105.41cm)
- 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)



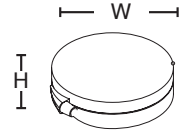
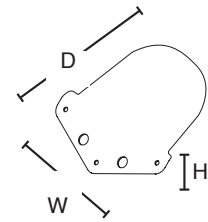
## 5/30-WATT SPECIFICATIONS:

- 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:
  - 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)



To Learn More:

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[primexinc.com](http://primexinc.com)

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