

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 72 MHz/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. With your floor plans, Primex experts evaluate and design a solution with guaranteed coverage.

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 (network time protocol)

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

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 via contact closure. Strongly recommended to add to network for easier maintenance and troubleshooting
- Daylight saving time and time zone controlled through ODC (OneVue Device Configurator) app or OneVue control panel

1-Watt Transmitters

Appropriate for a single building, these transmitters are configurable with an internal antenna attached to the transmitter, or with an external roof-mounted antenna to expand coverage. A repeater may be needed within your solution given certain floor plans or configurations. Expert installation is available for a seamless on-boarding experience.

1 WATT TRANSMITTERS

| PART NO. | DESCRIPTION |
|------------|---|
| 104-AS235N | Sync OneVue Transmitter 1 Watt with NTP capability |
| 104-AS235M | Sync OneVue Transmitter 1 Watt, Internal Antenna, NTP and GPS Capability. Internal Antenna and GPS Receiver Included |
| 104-AS215M | Sync OneVue Transmitter 1 Watt, External Antenna, NTP and GPS Capability. External Antenna with 100' Cable, GPS Receiver and 50' GPS Extension Cable Included |
| 104-AS235R | Sync OneVue Transceiver 1 Watt Repeater |



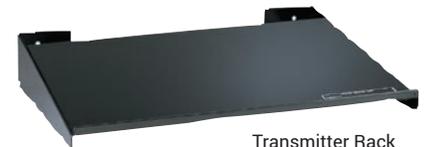
1-Watt Transmitter

1-Watt Transmitter Rack and Uninterrupted Power Supply (UPS)

This sturdy steel shelf mounts conveniently and securely to a wall to support a Primex Primary or Repeater 1-Watt Transmitter. To protect your equipment against power outages and other disruptions, Primex recommends an uninterrupted power supply (UPS) for use with your Primary or Repeater Transmitter.

TRANSMITTER ACCESSORIES

| PART NO. | DESCRIPTION |
|------------|--|
| 199-000077 | Sync Transmitter Rack |
| 101-000045 | Sync Transmitter Accessory Pack - Transmitter Rack and UPS |
| 100-000149 | Sync Surge Protector and Battery Back-up System |



Transmitter Rack

5-Watt and 30-Watt Transmitters

Campuswide 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.

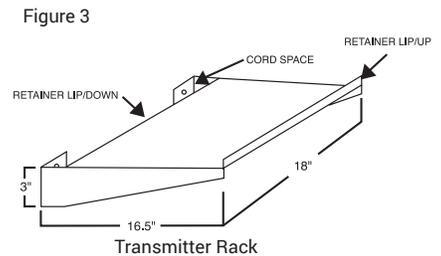
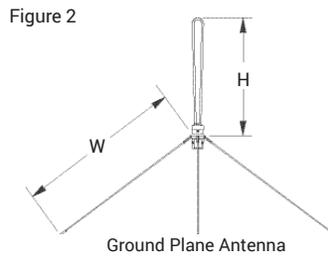
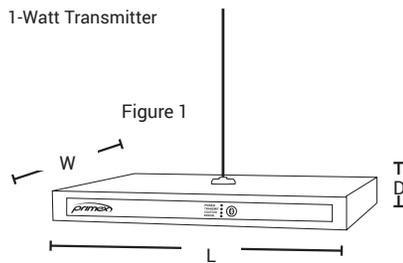
5 - 30 WATT TRANSMITTERS

| PART NO. | DESCRIPTION |
|------------|--|
| 104-AS275M | Sync OneVue Transmitter 5 Watt with external antenna, NTP and GPS input |
| 104-AS255M | Sync OneVue Transmitter 30 Watt with external antenna, NTP and GPS input |



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 ODC app or OneVue 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)

- **Internal Antenna:** 38.75" Long (98.425cm)
- **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 (104-AS235R)

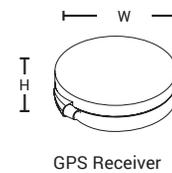
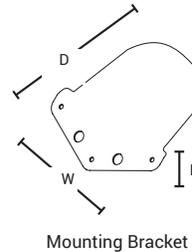
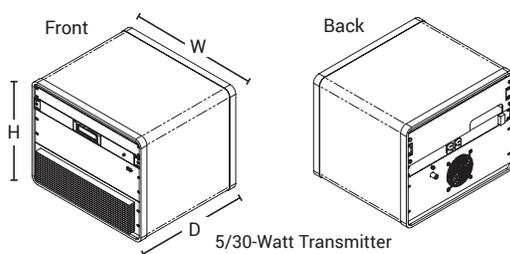
- Requires installation of a Main Transmitter in order to receive and transmit the GPS time signal
- **Internal Antenna:** 38.75" Long (98.425cm)
- **Weight:** 7.75 lbs. (3.5kg)

OUTDOOR GROUND PLANE ANTENNA (REFER TO FIGURE 2)

- For use with 104-AS215M Transmitters
- **Dimensions:** 29.4"H x 41.5"W (74.7cm x 105.41 cm)
- **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)

1-WATT TRANSMITTER RACK (FIGURE 3)

- 18 GA metal
- Black powder coat finish



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), 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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