

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



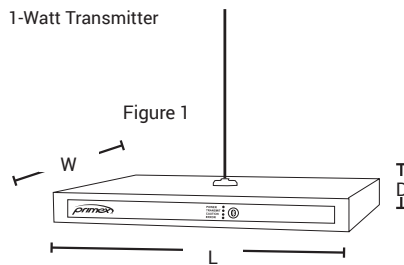


Figure 2

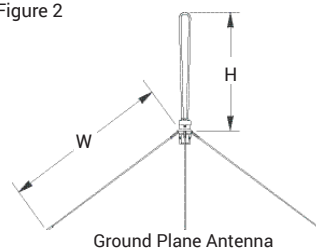
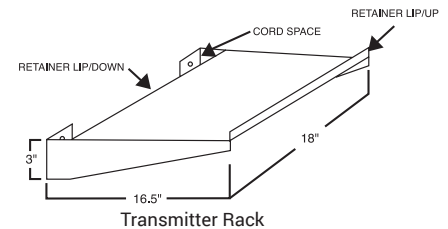


Figure 3



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)

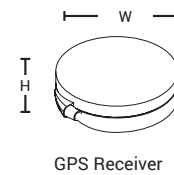
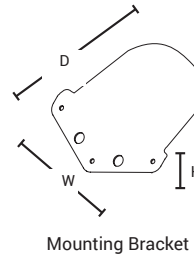
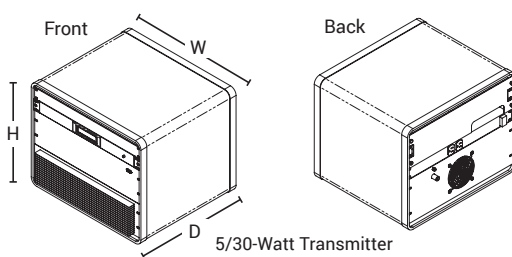
- Requires installation of a Main Transmitter in order to receive and transmit the GPS time signal
- **Internal Antenna:** 38.75" Long (98.425cm)
- **Weight:** 7.75 lbs. (3.5kg)

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 105.41cm)
- **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)

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 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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