ATX-GPS Time Source for the ATX6 Transceivers

Features

- Synchronizes the Lathem ATX6 transceiver with atomic accuracy.
- The GPS sensor features a high-sensitivity receiver, integrated antenna and rugged, waterproof design.
- Connects to ATX6 easily via a RJ45 Plug
- Mounting bracket and magnetic base makes installation easy and secure.
- 12-Channel GPS Receiver tracks and uses up to 12 Satellites for continuous and accurate synchronization with NIST Time.
- Compact, rugged design ideal for applications with minimal space.
- Waterproof to IEC 60529 IPX7 (immersion in 1m water for 30-minutes).
- May be mounted remotely from the ATX6; extended up to 100ft using Lathem Cables # GPS50X (50ft) or #GPS100X (100ft).
- User initialization not required. Once the ATX-GPS acquires a satellite, data is automatically and continuously sent to the ATX6.
- Compliant with Part-15 of FCC rules.

Package includes: ATX-GPS Satellite Synchronizer on magnetic base with 25' cable, antenna mounting bracket and fastening hardware.

Operation

Satellite receiver that accesses the accurate date and time signal transmitted each second by 24 satellites in geosynchronous orbit around the globe. The ATX-GPS receives its power from the ATX6 so there is no need for a Power Adapter.

Specifications

Size:	3.56" dia x 1.65" high
Weight:	11.7 oz (including Cable; without base)
Case Material:	Polycarbonate, waterproof to IEC 60529 IPX7
Input Current:	40mA @ 12vDC
Receiver Sensitivity:	-165dBW minimum
Operating Temperature:	-30' ~ +80'C (-22' ~ 176'F)
Satellite Acquisition Time:	Less than 2-seconds

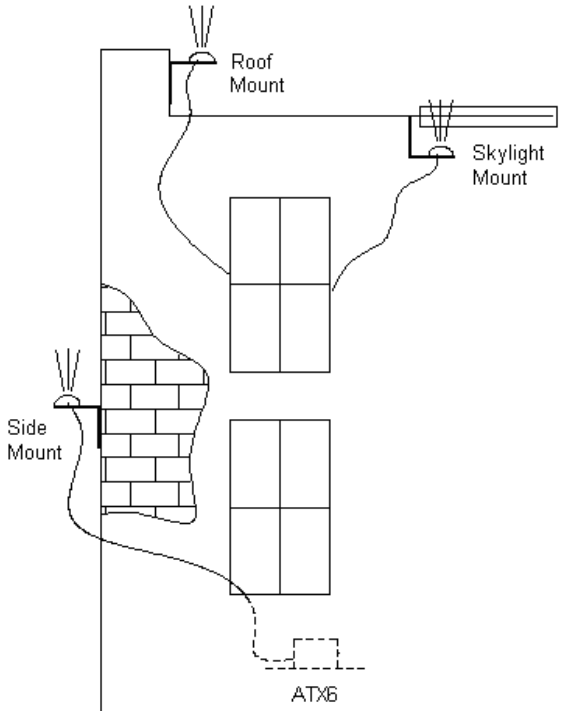
Warranty

One year limited warranty on defects in material or workmanship.

Installation

Locate the antenna at the highest elevation possible, with a wide view of unobstructed, open sky. If possible, avoid mounting the antenna on the North side of a building, which might block exposure to satellites.

Proper locations for antenna mounting:



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