



TILIA PTP GRAND MASTER

The Tilia PTP Grandmaster is a remote timing device meant for daisy chaining with Seisodin Tilia-series accelerographs. With the Tilia PTP Grandmaster it is possible to place the time source in a different location than the accelerographs - up to 20km (12mi) away.

The Tilia PTP Grandmaster builds on a hardware supported phase-locked PTP (Precise Time Protocol) integration, using a highly precise GNSS receiver which supports GPS, Galileo, QZSS, BeiDou and GLONASS. With this integration it is possible to achieve industry-leading timing precision of 40 nanoseconds. The device can be ordered with twisted pair ethernet (up to 100m) or integrated fiber optical transceivers (up to 20km) and can simply be daisy chained with the accelerographs. The integrated UPS ensures operation even during power outages.

Ideal for tunnels, mines, caves and dams.

Key Specifications

- Up to 20km range
- Daisy-chain topology
- 40ns timing precision
- Hardware backed PTP (IEEE 1588)
- Power over Ethernet (IEEE 802.3)
- Integrated UPS w. removable battery
- Optional Fiber optical transceivers built-in
- Optional MIL-spec connectors

Applications

Structural Health Monitoring

Dams, Highrise Buildings, Bridges, Tunnels, Monuments and historic buildings, Schools, Hospitals, Government buildings, Airports, Factories, Stadiums and sports fields



2 x RJ45



2 x FIBER OPTIC



1 x RJ45 + 1 x FIBER OPTIC



Contact us today
Seisodin ApS
Denmark
+45 93 83 87 09
www.seisodin.com
info@seisodin.com

