

SubWAVE

Indoor GPS with precision



Indoor Location For Subway & more

Inside tunnels or subway stations, and more generally in many covered or underground places, regular GPS signal cannot be received due to very important signal fading between the outside and the inside hampering the functioning of the location function of TETRA receivers and user's smartphone.

But today's life requires efficiency, security and confidence.

Outside, we are used to be helped by many GPS-based devices, for our personal life, and for our professional life.

When we penetrate inside a place where GPS does not work

any more, we lose all the benefit GPS has brought us since the last 15 years.

That is why Syntony created **SubWAVE Continuous**. Designed to bring precise GPS positioning for GPS-denied zones, it answers to any geolocation need, for public as for professional, with 100% of GPS compatible devices without application installation or driver upgrade.

Corner cases. SubWAVE Continuous emits a signal similar to standard GPS, making all existing and future chipset work: SubWAVE is the only solution worldwide which has this capacity.

- ✓ From 3 up to 6 RF output
- ✓ Extensive options
 - ✓ Full time and location control
 - ✓ PVT definition for each zone with positioning precision along the leaky feeder
 - ✓ Emission power for each zone
 - ✓ Synchronization control with outdoor GPS at << 1 microsec
- ✓ Alarm monitoring
- ✓ GPS redundancy
- ✓ Front LED error status
- ✓ High reliability
- ✓ Easy Maintenance

A future-proof investment. The core of SubWAVE is its software, ensuring full compatibility and



operability regardless of new constellations, satellites and codes arising in the future. Most functional upgrades will then be software-only.

Affordable TCO. Hardware maintenance, calibration, and support at affordable prices make SubWAVE a profitable investment offering a quick ROI.

Installation. SubWAVE Continuous racks have to be installed on technical rooms, where telecom repeaters and base stations are set, as it shares the same leaky feeder network. In addition, SubWAVE Continuous requires a "Demux" equipment at each end of Leaky Feeder segment.



More info on syntony-gnss.com

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