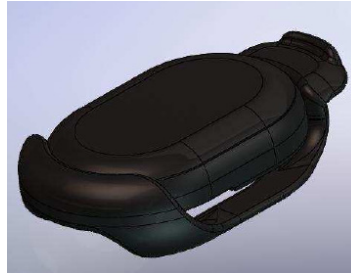




# CARDIOSport®

## ANT+ Shoe Pod Datasheet



### Special Features

- **Dynastream patented SpeedMax technology**
- **ANT+ interoperable wireless technology**
- **Ultra lightweight Pod under 1/3 ounce**
- **Best-in-class interference immunity**
- **Easy for shoe attachment**
- **Long battery life**

The Shoe Pod transmitter design is ultra lightweight at less than 1/3 oz (9gram) and easy for shoe attachment.

ANT+ is a very low power wireless sensor network protocol that provides reliable digital data communications in the license free 2.4GHz global transmission band. The ANT+ Heart rate profile can communicate with remote host products such as watches, bike computers, cell phones and fitness equipment.

SDMs are worn on, or close, to the body and transmit stride, speed and/or distance information to a watch or other display device. Some SDMs can compute additional information such as cadence. The display device can be a watch, cell phone, piece of fitness equipment, or other personal display device.

### Technical Specification

- Communication link: ANT+™ network (foot pod device profile)
- RF frequency: 2.4 GHz
- Message Rate: 4 Hz
- Communication Range: > 2.5M (dependent on watch receiver)
- Storage Temperature: -20°C to +60°C
- Operating Temperature -10°C to +50°C
- Sensor Accuracy Range: 0°C to +40°C
- Power: user-replaceable CR2032 lithium battery
- Battery life: 400 hours active life (continuous operation, at 20°C)
- Water Resistance: 1.0 ATM (external pressure test specified in ISO2281)
- RF Regulatory Certification: FCC, IC, CE, Australia/New Zealand, Russia

#### Sensor Accuracy:

- Calibrated speed/dist accuracy: Walk 98%, Jog 98%, Run 98%: median accuracy
- Uncalibrated speed/dist accuracy: Walk 95%, Jog 95%, Run 95%: median accuracy
- Tested Speed Range: 3.6 km/hr to 19.8 km/hr (2.2 mph to 12.3 mph)
- Tested Pace Range: 16:40 min/km to 3:00 min/km (26:50 min/mi to 4:50 min/mi)
- Instantaneous cadence accuracy: +/- 1 stride/min

### Technical Support

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