

OSPREY GPS Simulator

Portable GPS Position Simulator



OSPREY GPS SIMULATOR

An economical simulator with high-end test capability, ideal for validating the performance of GPS-enabled devices.

The VIAVI OSPREY (Operational Simulated Positioning for Real-time Evaluation of Systems) GPS Simulator provides static waypoints and dynamic routes to be simulated for avionics testing purposes.

Daily Almanac data can be seamlessly uploaded to the OSPREY, simplifying the process of ensuring a position lock for GPS Receivers.

The OSPREY GPS Simulator Controller can also be purchased and used without the VIAVI GPS coupler, for use with your existing coupler or via direct connect.



OSPREY Standalone GPS Simulator

Features

- Global Avionics Test Set Support
- Fully Self-Contained
- Static and Dynamic simulations
- Automated Almanac upload process
- 18-channel configuration
- Real-time Transcoding
- Remote control interface via mobile application for both iOS and Android devices
- Single, Dual Coupler or Retrofit Configurations
- GPS signals simulated: L1
- Direct Connect capability

Benefits

- Verification of system installations
- Efficient ADS-B testing
- Train technicians on new avionics installs
- Train pilots on upgraded avionics prior to flight
- Testing XM Weather systems

Ordering Information

Versions and Options

Part Number	Description
22186199	OSPREY-1; GPS Simulator, Single Antenna
22186198	OSPREY-2; GPS Simulator, Dual Antenna
22186200	OSPREY-GPSSIM; GPS Simulator, Controller (without coupler)

Physical Characteristics

Dimensions	
Couplers	7.5 x 7.5 x 7 in (19 x 19 x 17.75 cm)
Carrying Case Single	10 x 9 x 9 in (25.4 x 23 x 23 cm)
Carry Case Dual	16 x 9 x 12 in (41 x 23 x 30.5 cm)
Weight	
Single Case	6.5 lbs (3 kg)
Dual Case	9 lbs (4 kg)

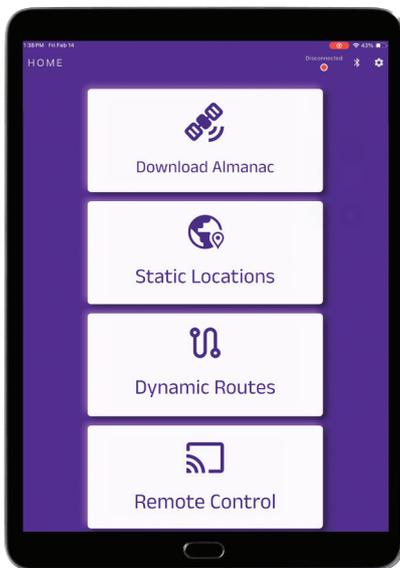


Fig 1: Remote application home screen



Fig 2: Remote application with static waypoints

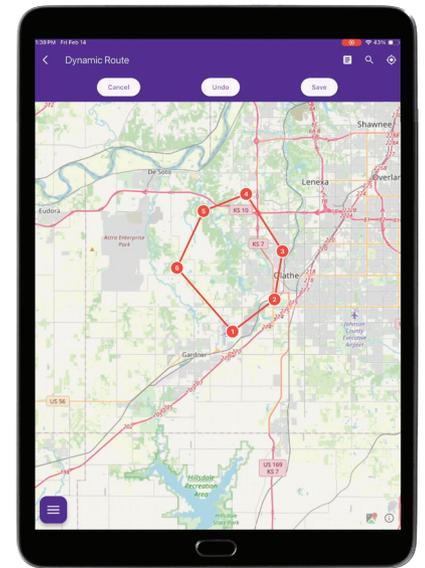


Fig 3: Remote application with dynamic waypoints



Fig 4: Dual coupler carrying case



Fig 5: Single coupler carrying case



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