

# SIMREX Corporation

## SIMSYNC-RMC

# PRECISE traffic TIMING



### FEATURES

- GPS based Time/Date Synchronization/Coordination of Traffic Controllers that Accept RMC Strings Directly
- 6 -30 VDC or 100-240 VAC Input voltage (DC Input Shown)
- Vandal resistant GPS antenna.

### Specifications

- **Input Voltage:** 6-30 VDC
- **Current Draw:**  
120 mA(max) @ 12 VDC (<80mA Typ)  
100 mA(max) @ 24 VDC (<50mA Typ)
- **Temperature Rating:** -34 to +75C

### Kit Includes:

- SIMSYNC-RMC Interface
- Tamperproof GPS Antenna
- Controller Specific Data Cable
- DC Power Cord  
(AC Power Adapter Sold Separately)

### SIMREX..Global traffic solutions. Precise Traffic Timing

For over 2 decades, SIMREX Corporation's wireless, GPS products have been providing wireless networking solutions with applications in SCADA, telemetry, telecommunications, mobile data and online transaction markets. SIMREX Corporation now provides standalone, licensed and unlicensed solutions for traffic control installation worldwide.

### Application Overview

Today's traffic control systems require the precise synchronization of traffic controllers to a common timebase. This is most often accomplished using wireline or radio interconnect of the traffic controllers and a host or Master controller architecture at significant expense. SIMSYNC-RMC provides a more cost effective way to achieve synchronization with no interconnection between traffic controllers or connection to a MASTER/HOST.

### Product Overview

SIMSYNC-RMC connects to a LOCAL controller that directly accepts a standard RMC string for time synchronization. A controller specific connector is provided based on the controller make and model. The tamper/vandal resistant GPS antenna can mount on top of the controller cabinet. The GPS antenna cable connects to the SIMSYNC-RMC adapter that provides power and connectivity to the traffic controller. All connections are made inside the controller cabinet and are not exposed to the elements or tampering/vandalism.

SIMSYNC-RMC can be powered from a 6 -30VDC power source in the controller cabinet. A 110-240VAC version is also available.

### DISTRIBUTED BY:



### SIMREX CORPORATION

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