

# GPS1 GPS Synchronizer Module

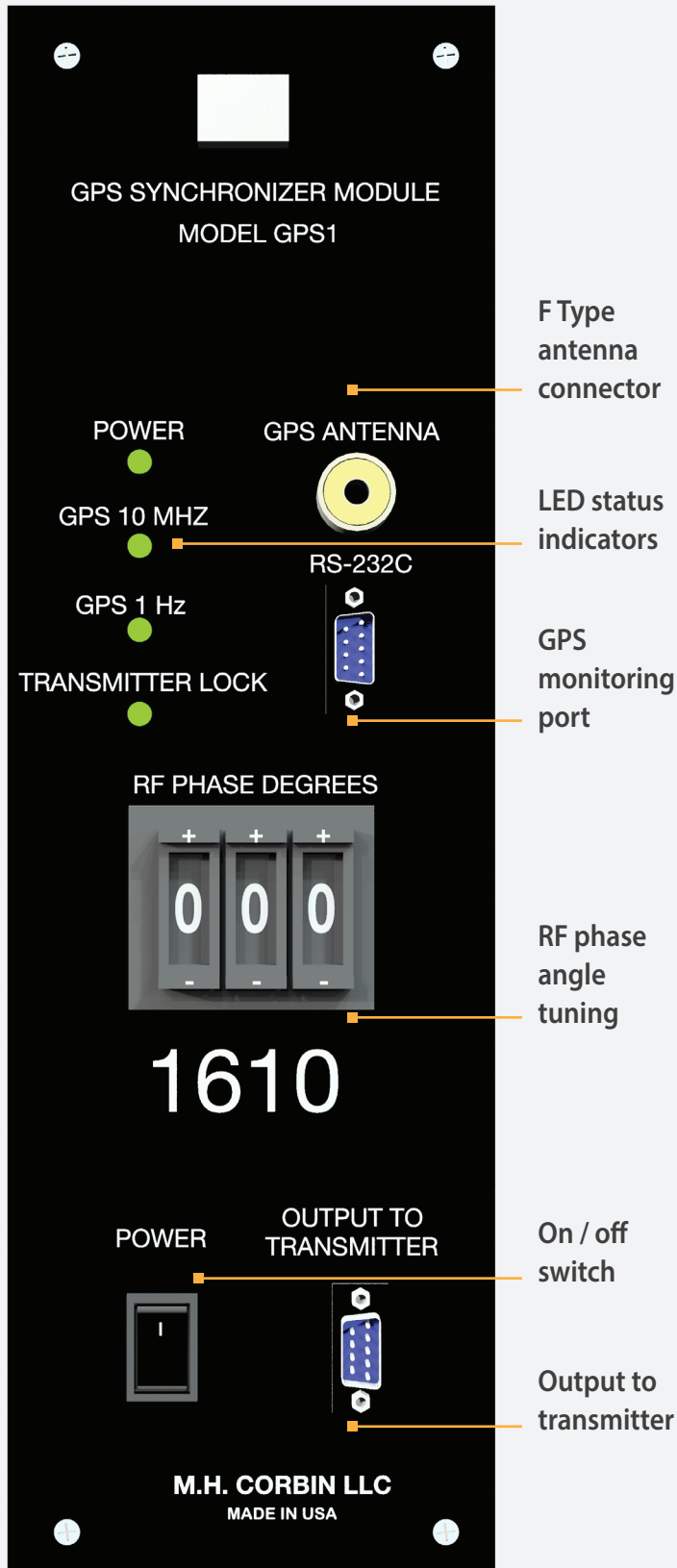
## HIGHWAY INFORMATION SYSTEMS

### SYNCHRONIZES BROADCASTS FOR MULTIPLE HAR SYSTEMS WITH OVERLAPPING SIGNALS

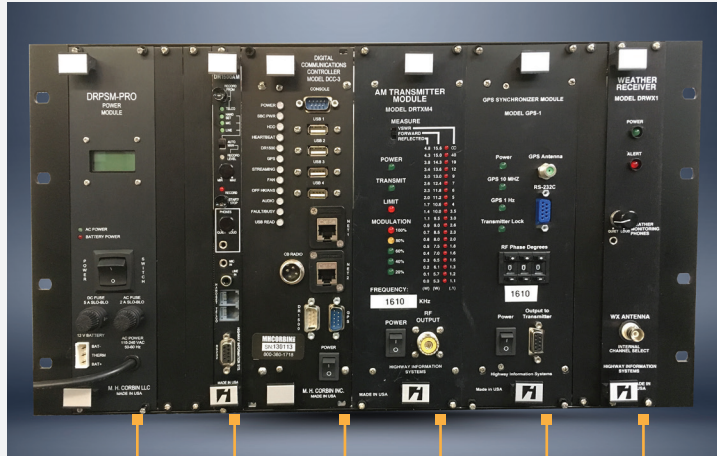
The GPS1 GPS Synchronizer Module from MH Corbin employs a highly accurate GPS signal to provide a very precise transmitter frequency. This allows multiple HAR stations, with overlapping broadcast signals to synchronously broadcast the same audio message with superior sound quality.

The combined coverage area is limited only by the number of HARs in the network, and listeners moving through the network will hear the same message as if it were being generated from a single transmitter.

- Allows extension of broadcast coverage over large areas with multiple HAR systems
- GPS antenna and cable included
- Suitable for permanent or portable systems
- Modular design provides easy access and maintenance
- Front panel adjustment for fine tuning the RF phase angle



# GPS1 GPS Synchronizer Module



DRPSM-PRO  
Power Supply

DR1500AM  
Recorder / Player

DCC3 Digital  
Communications Controller

DRTXM4  
Audio Transmitter

GPS1  
GPS Synchronizer

DRWX1  
Weather Receiver

## TECHNICAL DATA AT-A-GLANCE

### GPS Synchronizer Module | GPS1

Allows for synchronized broadcasts throughout an entire network of HAR Systems.

LED Status Indicators	Power, GPS 10 MHz, GPS 1 Hz, HAR Transmitter Lock
Port Type	DB9 9600 baud serial port
RF Phase Angle Adjustment	0 - 360 degrees in 1 degree increments
Power Requirements	10 to 14 VDC at less than 2A
Dimensions	10.3" (h) x 1.6" (w) x 9.2" (d)
Temp Range	-40 to +85°C
Humidity	95% non-condensing
FCC Certification	FCC 90.242

## UPGRADEABLE, COMPONENT BASED BLACKMAX® HIGHWAY ADVISORY RADIO SYSTEMS

The BlackMax HAR System supports modular components, allowing you to add to; or upgrade your HAR station without replacing the entire system.

Distributed by:

MH Corbin, LLC

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General details for this product are subject to change without notice to reflect improvements and upgrades. MH Corbin, LLC warrants this product against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of purchase.

Additional information is available at [www.mhcorbin.com](http://www.mhcorbin.com). ©2016 MH Corbin, LLC

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