

IC9700 GPS function

A new feature, added to the GPSD-1 Disciplined 10 MHz Reference Generator, provides pseudo-RS-232 GPS serial data to an IC9700 or other radio for time and position display. The NMEA RMC sentence is still available via the USB serial port for computer applications providing time sync, position and grid reference, beam heading and elevation calculations.



The NMEA RMC sentences available from the GPS receiver in the GPSD-1 via the USB serial port are also provided as pseudo-RS-232 (0-5V) via a 3.5mm phono jack at 8,N,1 format at 9600 baud.

A 3.5mm to 2.5mm phono cable connects the data to the IC9700. Please follow the user manual to configure time and position from the GPS receiver.

The GPS symbol on the main screen is displayed, the time is GPS derived, as is the position and grid locator for "mystation".



Note the GPS info display is left blank as the GPSD-1 is configured for NMEA RMC message only. That is information about satellites in view is not provided.