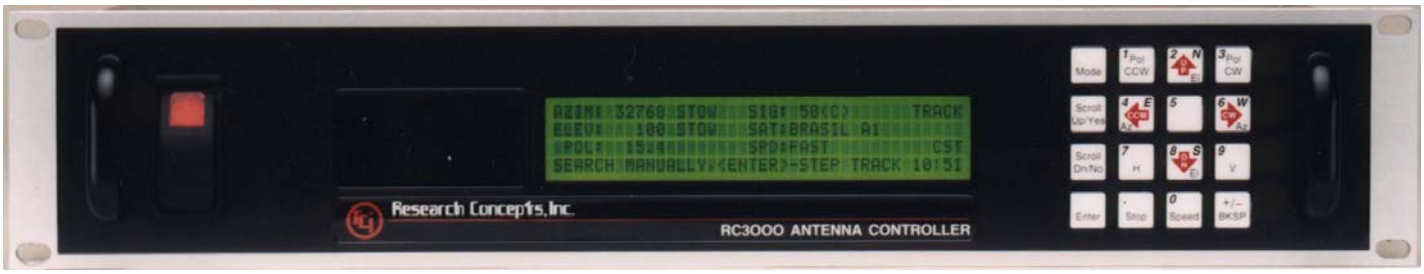
RC3000DVB

Positive Satellite Identification Option for the RC3000 Series Satellite Locator



RC3000DVB is an internal DVB receiver card that is fully integrated into the RC3000 Architecture. The Satellite Locate Feature of the RC3000 product is further enhanced by the Satellite Positive-ID.

Features

- **Unique Satellite LOCK Indication**
  Carrier Lock is based on Frequency, Polarization, Symbol Rate, and FEC
- **Unique Satellite Identificaiton**
  The Auto ID Algorithm searches the DVB DataStream for an ID string "match".
- **Stores up to 10 "Sign-Post" Satellites**
  Open architecture allows the user to configure his/her own Sign-Posts via simple menus.
- **Enhanced Locate to Any Satellite**
  By using Sign-Post Satellites, Your Selected Satellite need not have the Identified DVB Carrier. The Vehicle Heading is corrected based on the Sign-Post and the subsequent LOCATE to your Selected Satellite is error free.
- **Robust Algorithm**
  The Sign-Post Statellite is chosen from the list based on its position with respect to the Selected Satellite as well as a user-defined priority system. If the initial Sign-Post is not found or blocked, a Secondary Satellite is used.
- **Autonomous Operation**
  There is no longer a need for a systems engineer to determine whether there is a modem lock signal or AGC voltage available in the system and to make that connection. Integrate the antenna to the RC3000 and go.
- **Fully Upgradable**
  Any RC3000 may be field upgraded with the RC3000DVB option.

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