

MODEL 5062 Remote Station Tester

General Description

The HydroLynx 5062 Remote Station Tester (RST) is a portable "central site" and is useful during installation, routine maintenance, and trouble shooting of remote sites. The Remote Station Tester receives, decodes, stores, and displays ALERT formatted data transmissions from remote sites which allows field technicians to verify transmitter operation "on-site". The built-in Signal Level Meter also enables the technician to verify radio frequency deviation.

The Remote Station Tester equipment includes the 5062 RST unit, a radio scanner, an audio cable and a battery. The Model 5062 RST unit displays data on an LCD screen. The screen is an 8 digit display; the first 4 digits are the device ID Number, the next 4 digits are the data value. The Remote Station Tester stores the 20 most recent data messages received. A sequence button allows the user to display the stored data starting with the most recent message. The unit contains a field strength meter that provides an indication of the transmitter deviation. This insures that the remote station is operational after the site is completely assembled.

The Model 5062-RS232 Output Option, included in this package, allows the tester to be used as an emergency backup for the Model 50386R/D Receiver/Decoder at the central site. This configuration also facilitates troubleshooting faulty equipment at the central site. **Note: The Model 5062 Remote Station Tester is battery powered and is not intended for permanent installation.**

The Model 5073RST Display Program is used to log data received by the Model 5062 Remote Station Tester through the RS-232 output. The Model 5073 Display Program is typically run on a laptop computer which displays transmitted data on screen and stores the data on disk.

Specifications

Available Frequencies: VHF and UHF
 Physical Size: 7 in. x 8 1/2 in. x 2 3/4 in.
 Weight: 4 lbs.
 Power: 12 Vdc, 7 Amp-hour
 Power (RS-232): ± 12 Vdc, 2 ea, 7 Amp-hour
 Display: LCD for easy daytime viewing

Ordering Information

5062.....Remote Station Tester
 5062RS232.....RS-232 Output Option
 5030-8/3 External Power Supply
 5062BC.....Bearcat Scanner Radio, multi-channel programmable,
 DC operation, battery charger and carrying case.
 Modified for use with the Model 5062 Remote Station
 Tester
 5073RST Display Software



Model 5062 Remote Station Tester



Model 5062BC Bearcat Scanner