

# WaveWare RCD-1

## General Purpose Paging Data Receiver



*"We Deliver Information at the Speed of Light"*

Visit Our Website at:

[www.WirelessMessaging.com](http://www.WirelessMessaging.com)



P/N= **0604-1001**

(Remote Control and Data Module with Relay)

### Key Features:

- Available in UHF and VHF and 900 MHz Bands
- Easy to Mount (Comes with Screw Mounting Hardware)
- Works with Adaptive LED Alpha Signs (By way of Paging)
- **Built-in Relay** for use with External Devices including Annunciation Devices as in our Horn/Strobe Combo.
- Also works with RS-232 Data Delivery to a PC and the Relay can also work for Remote Switching.
- Auto Clear Message Option, with Programmable Time Out

### Optional Hardware:

- Power Supply: Required when Not used with Adaptive Sign  
P/N= **0604-1002**
- Power / Data Harness: For used with PC to send Data  
P/N= **0604-1004**
- Relay Harness: Required to use the Relay Output  
P/N= **0604-1003**
- RCD-1 Programmer: For Programming the RCD-1  
P/N= **0604-1006**

### RCD-1 Specifications:

- Model: RCD-1
- Frequency Band: 450-470 MHz, 153-174 MHz, 929-932 MHz
- Paging Format: 6 Cap Codes for POCSAG with 4 Function Codes and 16 Cap Codes for Flex
- POCSAG RF Baud Rate (BR): 512 / 1200 / 2400 bps
- Power: 5v DC- Either by Adaptive LED Sign or External P/S.
- Relay Info: **1A Rated** - SPST-NO 30v AC or DC Rated Capacity with 10mA Minimum Current Load
- Serial Output: 2-Wire (TX and Ground)
- Control Outputs: Responds to 77XX and 7014X Codes similar to the Motorola's *DataNet* Command Formats. The Relay Output can also be configured to Auto Activate for X Seconds on New Message Arrival.
- Antenna Connection: SMA (F) Includes Small Rubber Duck
- Dimensions: 3.70 W x 5.75 H x 1.33 D - inches (w/o Ant.)

**NOTE:** Frequency, Cap Code and BR Required when Ordered

### Annunciation Option:

- Horn / Strobe Combo: P/N= **0601-0100** See >>>



Mount on Wall or on Top of a LED Sign  
P/N= **0601-0100**

### Horn / Strobe Specifications:

- Model: 0601-0100, Integrated Horn/Strobe Kit
- Multi-Tone Sounder in Combination with Xenon Flash
- Housing: Black with IP65 Protection
- Dome: Available in Red or Amber Only
- Connection: 2-Pin Molex Connector for use with RCD-1
- Voltage: 24 Volts DC  
Comes Wired and Ready with AC to DC Adaptor
- Flash Frequency: 1 Hz
- Adjustable Sound Output: Max. 100 dB 8 Tone Choices
- Mounting: Surface, Mounting Holes in Rim of Enclosure
- Dimensions: 89mm Dia. X 105mm H
- See Horn / Strobe Brochure for more Information