

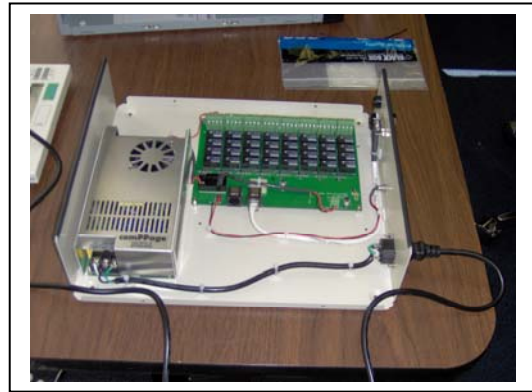
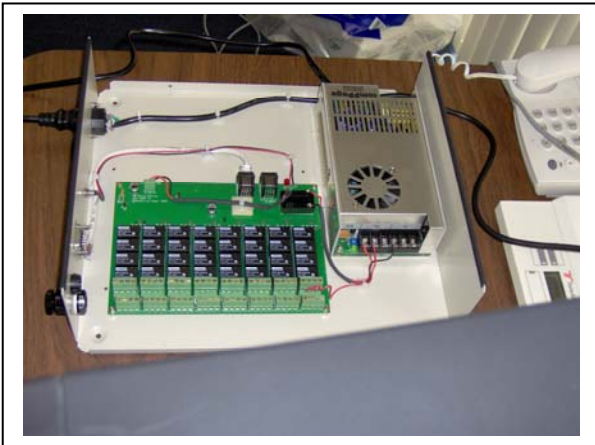
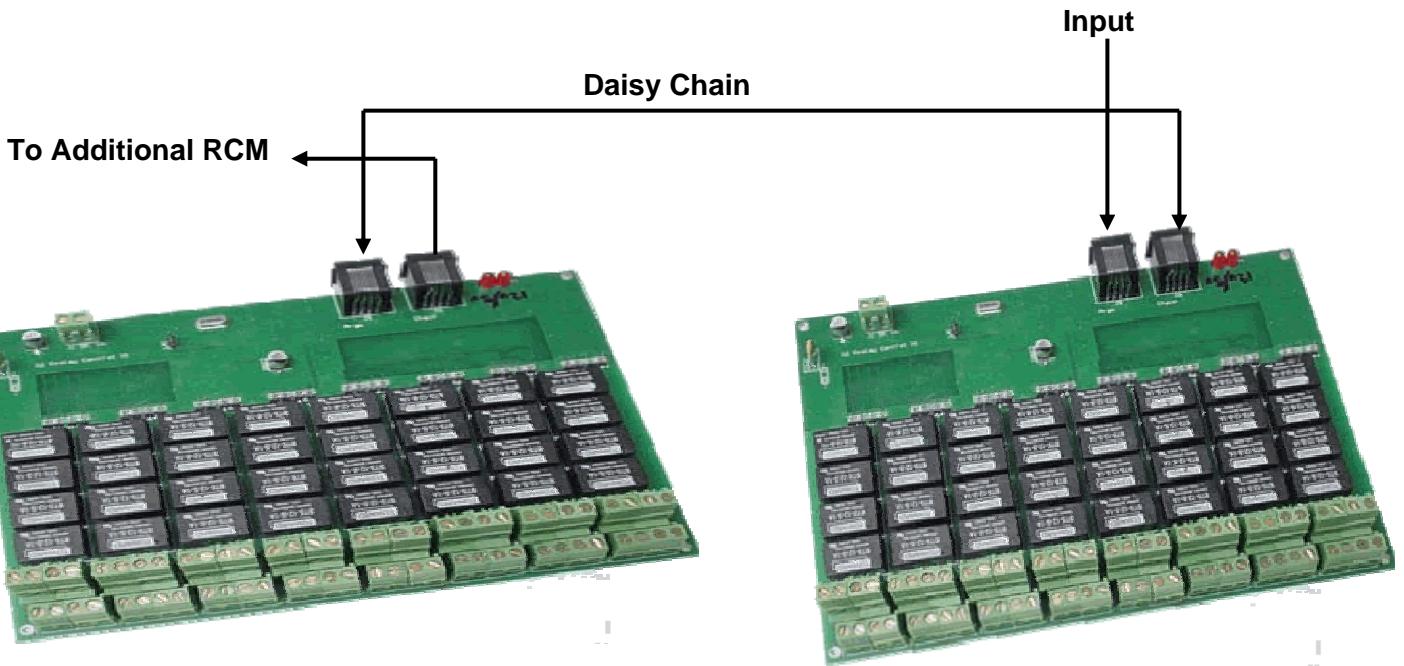
# Relay Control System

*The Relay Control System consist of the RCM (relay control module) board containing 32 Form "C" relays or 64 and a 24 Volt DC, 12.5 Amp, medical approved power supply. Each of these relays can be controlled separately by sending a direct protocol command to the RCM or via computer software to the RCM. The RCM can be expanded up to 2048 relays in units of 32 relays. The RCS is compatible with the PDR/PDT2000, INOVONICS DECODE RECEIVER, SCOPE RX, DIRECT INPUT FROM COMPUTER SOFTWARE.*

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## FEATURES

- ◆ Each Relay can be set for **CLOSED, OPEN or TIMED**
- ◆ All Relays can be cleared using one command or Individually
- ◆ RCM will accept commands from the **PDR/PDT2000 receiver, Scope Receiver, Computer Software, Inovonics Decode Receiver**
- ◆ Activate Relay by
  - Individual Cap Code
  - Key Words
  - Direct Command Input
  - Inovonics Decode Data (software)
  - Serial Host Data (software)
- ◆ **RJ45 Serial Ports; Command Input and Daisy Chain Output**
- ◆ Serial Port Input setting **9600 or 57,600 bps**
- ◆ Synth Receiver **450-458 Mhz or 462-470 Mhz POCSAG**
- ◆ **32 or 64 Relay outputs**
- ◆ **Internal 24 Volt DC 12.5 amp Medical Approved Power Supply**
- ◆ **Use Relays as Voltage or Non-Voltage switching**
- ◆ **Control Dome Lights with or without Flasher**
- ◆ **Control Other Equipment**



# RCS

## SPECIFICATION SHEET

<b>AC Input Voltage</b>	<b>85 – 253 Volts AC, 45-63 Hz</b>
<b>Internal Power Supply</b>	<b>24 Volts DC, 12.5 Amps</b>
<b>Serial Port Input</b>	<b>9 Pin Sub D</b>

## RCM Specifications

<b>Voltage Requirement</b>	<b>12Volts, 800mA maximum</b>
<b>Operating Current</b>	<b>50-100mA + 16-20mA per relay activated 740mA 1-RCM with all relays activated</b>
<b>Serial Port Protocol</b>	<b>Direct</b>
<b>Type Accepted</b>	<b>FCC Part 15</b>
<b>Size</b>	<b>7.75"W x 6"H x 1.25"D</b>
<b>Weight</b>	
<b>Serial Port (2)</b>	<b>RJ45 (3-wires)</b>
<b>Relay Connectors</b>	<b>Screw Terminals, 2 Rows</b>
<b>Relays</b>	<b>Form C, 32 per RCM</b>
<b>Relay Load Capacity</b>	<b>250VAC/30VDC, 3A</b>