

SINCE 1948  
**RACO**  
REMOTE ALARMS AND CONTROLS

*Verbatim*



## Remote Supervisory Control Option

For VERBATIM  
Automatic Dialing  
Remote Monitoring System

The Remote Supervisory Control Option lets the user turn the VERBATIM System equipment on and off from any remote Touch Tone telephone, or from any non-Touch Tone phone by using a portable tone generator. A voice message guides and confirms the operations. Depending upon the option installed, either four or eight control circuits are provided. Control operations may also be performed from the VERBATIM keyboard.

The user may establish a security access code at the unit's keyboard to provide protection against unauthorized remote control operations.

A variety of programming control commands provides flexibility in operation. This includes global and individual output commands, and momentary operations of programmable time delay.

This option consists of a circuit card which plugs into the VERBATIM; plus an external relay output enclosure. This NEMA 4X enclosure contains either 4 or 8 OPTO-22 solid state plug-in output relays. A variety of OPTO-22 output relay types are available for controlling circuits of various voltages.

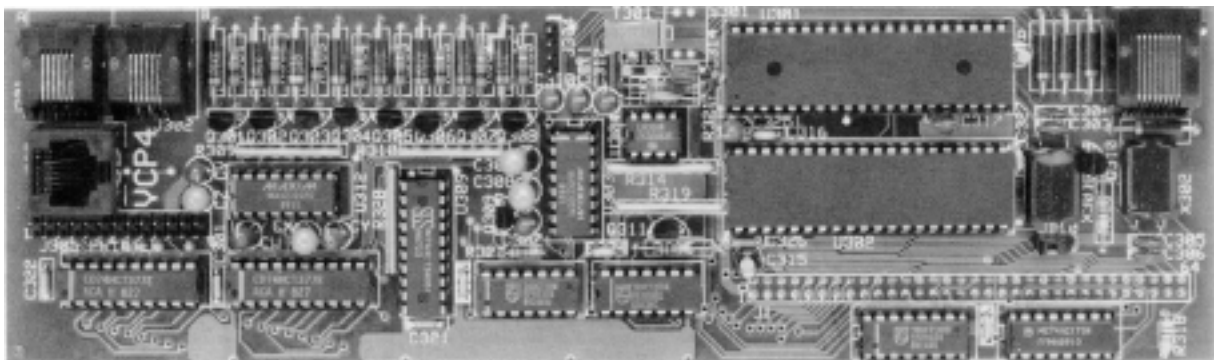
Installation consists of mounting the relay output enclosure next to the VERBATIM, connecting 120 vac

power and the devices to be controlled to the Output Module, and plugging its cable into the VERBATIM. Consult factory before ordering field upgrade for original VERBATIM. Use of the relay output enclosure is optional; open collector transistor outputs are available on the plug-in circuit card. Refer to the Verbatim Owner's Manual for details on how the remote control operations are performed.

In establishing supervisory control systems, certain safety issues should be considered. For example, when the unit is turned on, all the outputs will turn on for approximately 1/10th of a second. This might also occur in isolated incidents, such as, massive power surges and brown-outs. Also, if power to the output enclosure fails, all outputs are deactivated.

**IT IS THE RESPONSIBILITY OF THE ENGINEER, CONTRACTOR, AND INSTALLER, NOT RACO'S RESPONSIBILITY, TO SEE THAT THIS SYSTEM IS NOT APPLIED IN SUCH A WAY THAT ANOMALIES OF OPERATION WOULD CAUSE DAMAGE TO PERSONS OR PROPERTY.**

RACO personnel are glad to answer questions and provide assistance, but cannot assume systems-level responsibility for these safety considerations.



## Remote Supervisory Control Specifications:

### Number of Output Channels:

- 4 (RSC-4)
- 8 (RSC-8)

### Control Operations:

- Turn individual output ON or OFF
- Turn all outputs ON or OFF
- Report status of individual output
- Report status of all outputs
- Turn individual output ON or OFF for a programmable time interval

### Relay Output Enclosure Dimensions:

- 13-<sup>5</sup>/<sub>16</sub>" h x 10-<sup>3</sup>/<sub>4</sub>" w x 5-<sup>9</sup>/<sub>16</sub>" d

### Output Relays:

- OPTO-22 isolated solid state plug-in relays

### Available Plug-in Types:

- OAC5 12-120 volt AC, 20 ma-2 amps
- OAC5A 24-240 volt AC, 20 ma-2 amps
- OAC5A5 120/240 volt AC, Normally Closed

- ODC5 5-60 volt DC, 5 ma-2 amps
- ODC5A 5-200 volt DC, 5 ma-2 amps
- ODC5R Dry reed output, 10 va, 100 VDC, 0.5a  
Type OAC5 supplied unless otherwise ordered.

### Relay Output Enclosure Power Requirements:

- 120 volts AC, 15 watts

### Control Entry Method:

- Front panel keypad, remote Touch Tone telephone, or remote computer (Data Acquisition option is installed).

### Security Access Code:

- Up to 8 digits, optionally established by entry at front panel.

### Open Collector Outputs (if Relay Output is not used):

- 12 volts DC max (25 volts on special order)  
500 ma max

Specifications subject to change without notice  
Touch Tone is a registered trademark of AT&T



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