Software Features

- 4 channels of temperature monitoring and control
- each channel has option to control, or monitor only
- 2 control modes: heating and cooling
- · configure setpoint and dropout (hysteresis) for each channel
- ability to manually operate relays
- selectable COM port and baud rate
- logging function
 - o option to disable
 - o record temperatures once per minute
 - o relay actions are recorded as they happen
 - o temperatures and relay actions are recorded with a timestamp
 - o log is saved to file automatically every 24hr
 - o save log to file manually
 - o log file is created in tab-delimited format, for easy loading into a spreadsheet
- the [Tab] key can be used to step through all buttons and config items.
- some countries use a comma (,) to mark a decimal point, rather than a period (.). The program will detect what the local Decimal Separator is, and use that for temperature display and logging.

System Requirements

- Win98SE to WinVista32 (not tested in Win95, or XP64 or Vista64)
- 1.2 MB of disk space.

Installation

The zip file includes the program exe and this pdf help file. Unzip to convenient location on your hard drive, then create a desktop shortcut to the exe file.

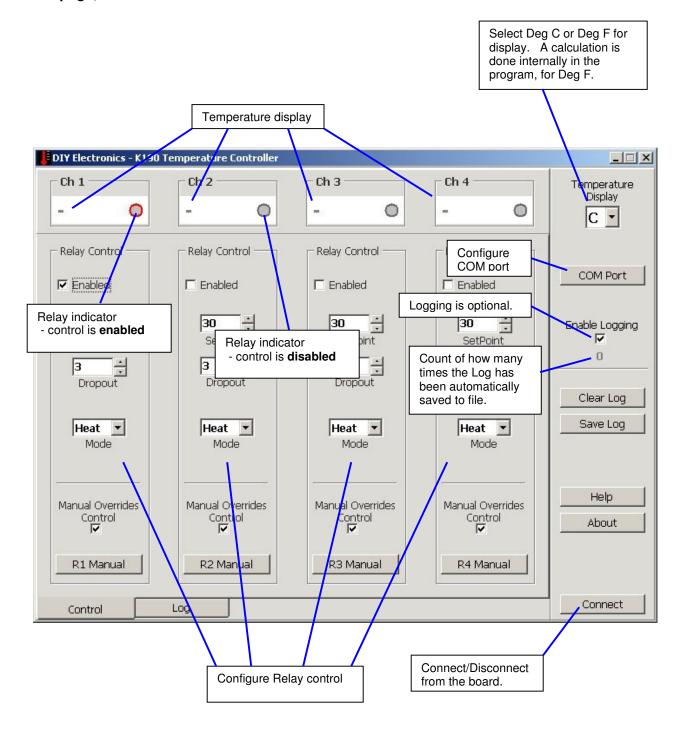
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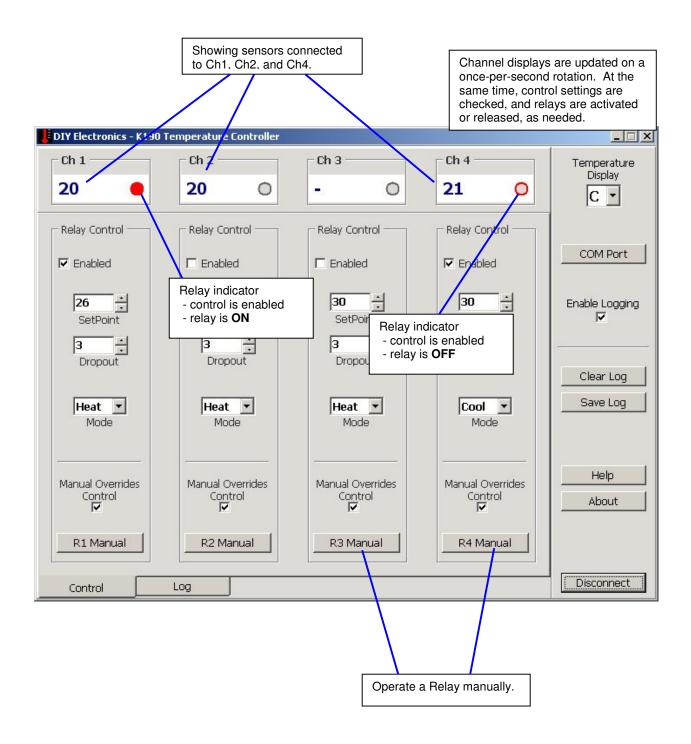
www.kitsrus.com

Written for DIY by John Gray, www.108relays.ca

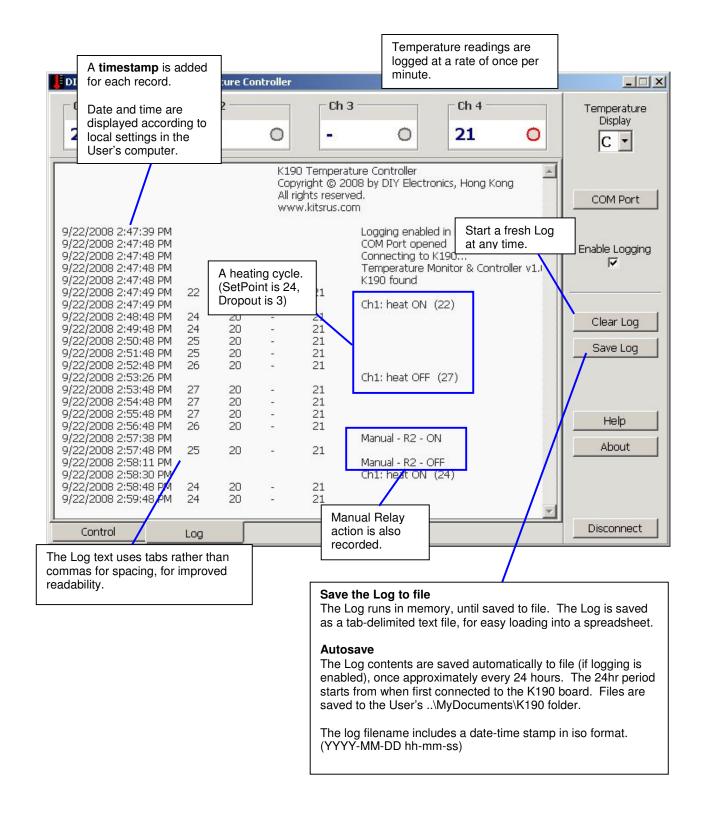
Control page, disconnected



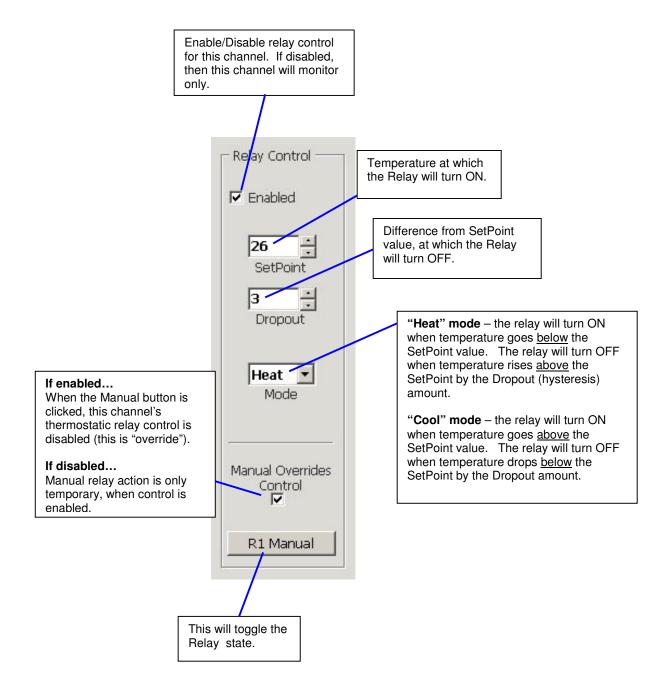
Control page, connected



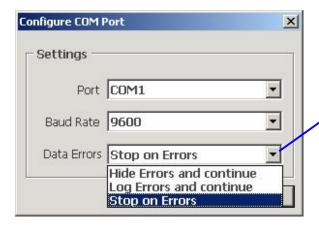
Log page



Configuration



COM Port



Data Errors

Assuming a decent serial cable and newer hardware, there normally shouldn't be any data errors.

If the program is running on older equipment with flaky hardware, data errors are a possibility. The program can be configured to hide these errors, which may help to provide increased stability.

Again, if running on older equipment, consider disabling all power management settings.

Shortcut Keys

[Ctrl] + [Q]	Close the program
[Ctrl] + [N]	Connect/Disconnect from the board
[Ctrl] + [E]	Enable/Disable logging
[Ctrl] + [P]	Opens COM Port configuration
[Ctrl] + [R]	Clear the current log
[Ctrl] + [S]	Save the current log to file
[Ctrl] + [L]	View Log page
[Ctrl] + [T]	View Control page
[Ctrl] + [1]	Operate Relay 1 (if connected)
[Ctrl] + [2]	Operate Relay 2 (if connected)
[Ctrl] + [3]	Operate Relay 3 (if connected)
[Ctrl] + [4]	Operate Relay 4 (if connected)
[Ctrl] + [B]	Opens About box
F1	Help
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Some of the standard text editor keys can be used in the **Log screen**, eg:

- Home/End
- Page Up/Down
- Select All
- Copy

Be sure to mouse-click in the Log screen first.