

Knowledge Base Document



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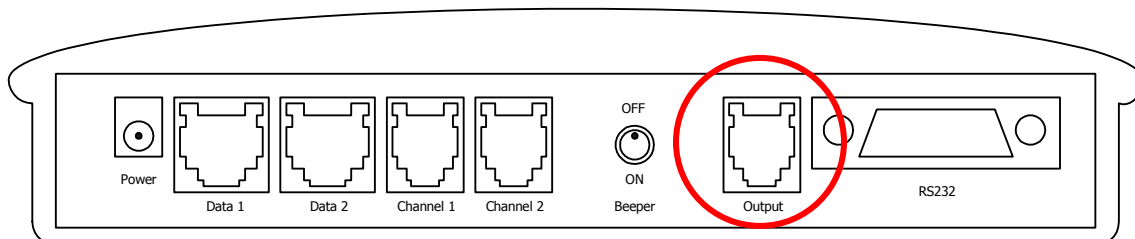
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|----------------------|---|
| Title | Counter Recorder Output |
| Brief | The Counter Recorder can be configured to activate a relay to drive an external output. |
| Product(s) | Intelligent Counter Recorder |
| Key words | Beeper, Output, Counter Recorder |
| Date Created | 7 July 2004 |
| Originator | Mark Pollard |
| Dissemination | All and Public |

DESCRIPTION:

The Counter Recorder has the facility to trigger a relay after a specified number of counts, with a 0-60 second delay. A common use is for a second beeper where the inbuilt Counter Recorder beeper is not sufficiently audible to alert store staff of visitor entry.

ACTION REQUIRED:

The *Output* port is indicated on the diagram below. It uses a standard RJ12 connector to connect to the external circuit. It uses a standard relay contact that can be wired in the “Normally Open” or “Normally Closed” positions.



The *Output* port has the corresponding pin-outs from left to right:

| Pin | 1 | 2 | 3 | 4 | 5 | 6 |
|-----|---------------|--------|---------------|--------|-----------------|--------|
| | No Connection | Ground | Normally Open | Common | Normally Closed | +V Out |

The contact is rated at 1A resistance load.

Power can be routed from the Counter Recorder unit through pins 2 and 6 and is rated at 16V DC under no load conditions. Power can also be routed externally in the relay circuit, and this source should not exceed 24v DC.

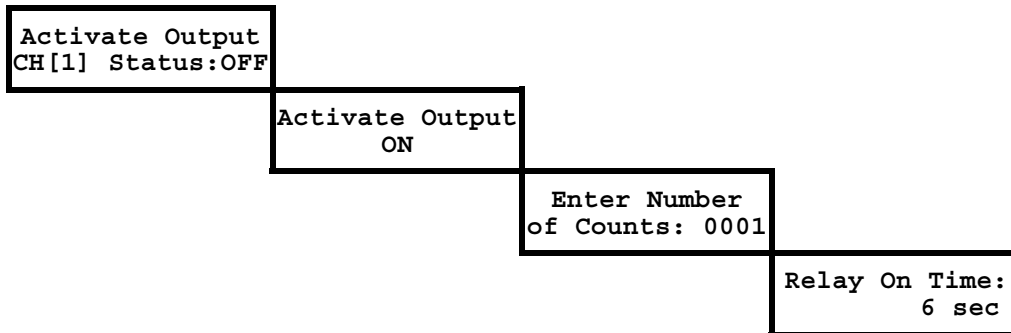
PRECAUTIONS:

When using an external power source for the contact, do not exceed 24V DC.

WHAT TO DO:

After connecting the *Output* port, the output channel needs to be configured, and then for each count (or number of counts) the Relay will activate for the duration of time specified.

The settings indicated below can be found under **Menu > Preferences > Activate Output**.



After setting “Activate Output” to ON, you will be prompted to enter the number of counts that will pass before the Relay will activate. By entering “0001”, the Relay will activate every time a count is recorded.

Next you will be prompted to enter the duration (in seconds) the relay will trigger the *Output* port circuit. This can range from 1 to 60 seconds.

OTHER INFO:

See the Counter Recorder User Guide for more information on using the Counter Recorder.