

Latching Relay Board

This board allows you to switch a latching relay from Normally Open (NO) to Normally Closed (NC) or vice-versa using only a pulse from a TTL signal. It is capable of switching a 2A load. It will remain in the selected state without a TTL signal input to keep it in that state.

Miscellaneous Information:

This board uses 2 TTL signals to switch the relay from NO to NC. The terminal marked “G” gets connected to the DAC ground pin and the terminals marked “1” and “2” get connected to two of your digital outputs on your DAC. By setting terminal 1 high, the relay will switch to the NO state. Setting terminal 2 high will switch the relay to the NC state. It is not necessary to maintain the TTL signal once it has been set. The relay will remain in the last set state until it is set differently. NOTE: Only one terminal should be set at a time. Setting both terminals high may damage the board.

Specifications:

- Input Power: 12 VDC
- Number of Outputs: 2 (NO & NC)
- Output (A): 2A max
- Board Dimensions: 1.2 x 2.3 inches

Disclaimer:

These boards are designed for educational use only. In no circumstances should these circuit boards be used in critical situations where failure could mean injury or property damage.