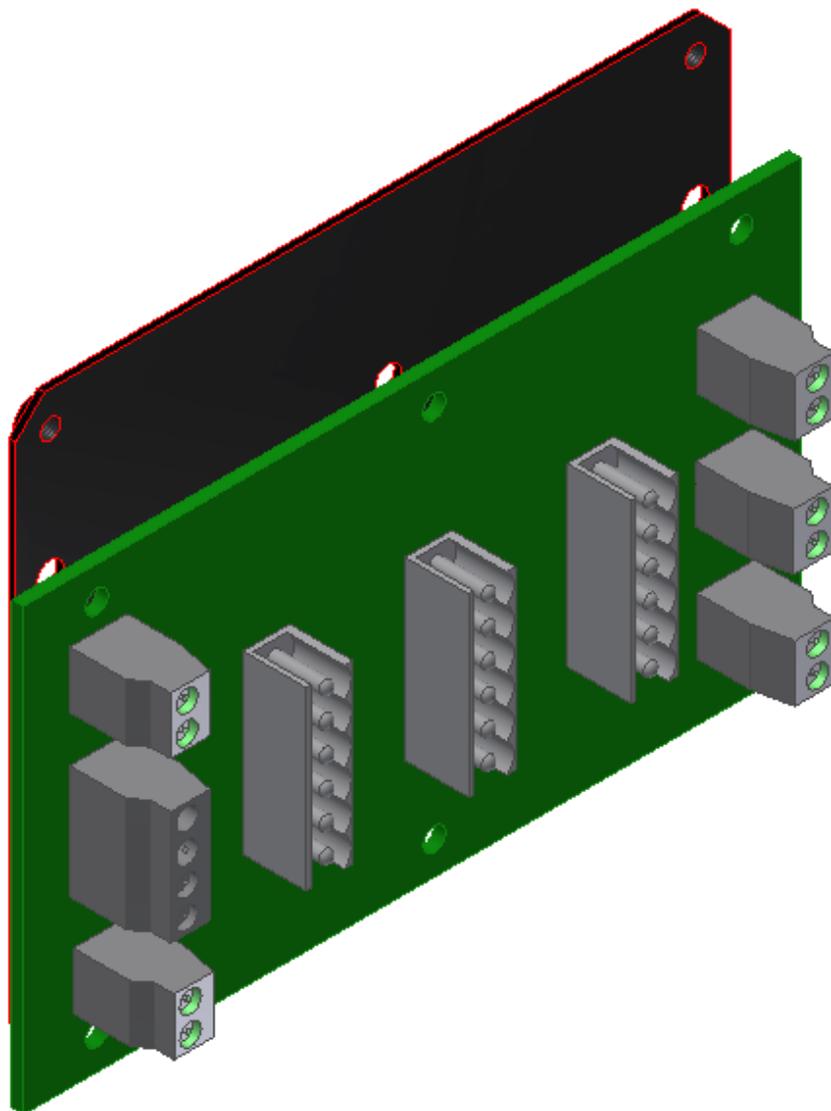


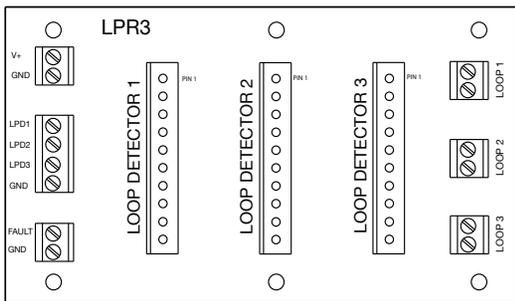
Nice Apollo Loop Detector Board

Plug-in loop detector board

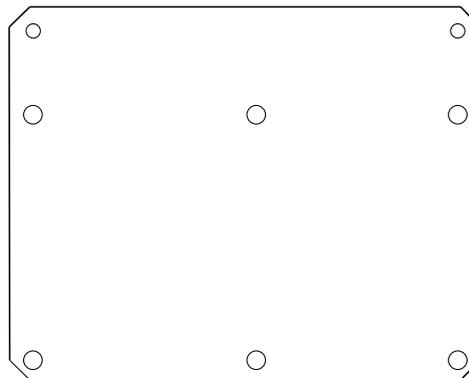
Model LPR3



PARTS IDENTIFICATION



LPR3 Loop Detector Board



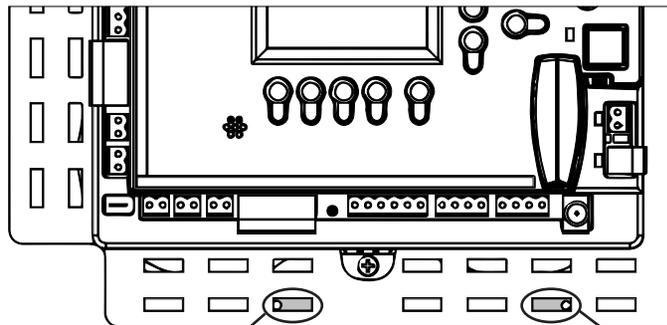
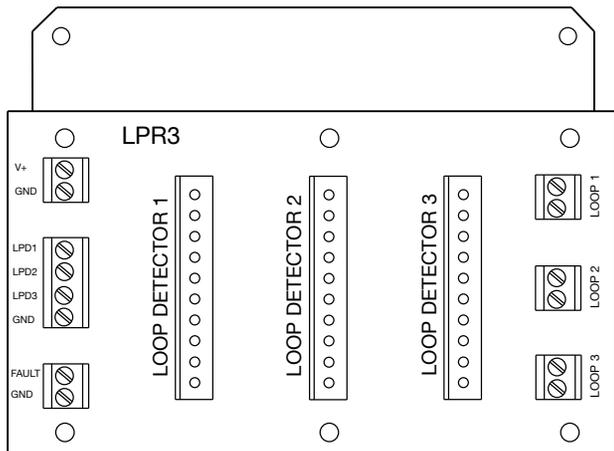
LPR3 Mount Plate

LPR3 MOUNTING

The LPR3 comes attached to the mounting plate with plastic standoffs. This mounting plate has been designed to attach to the control board mount plate at the bottom using the open slots of the plate.

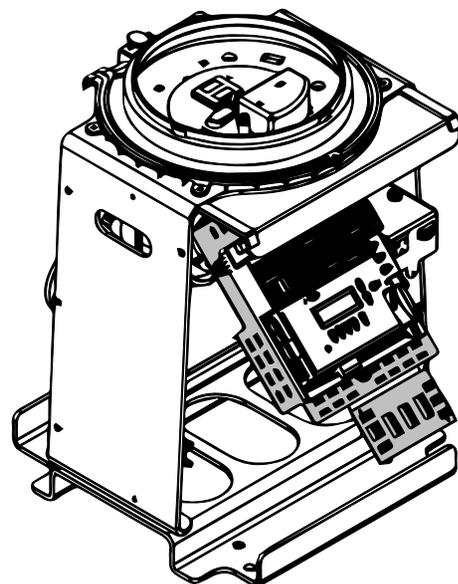
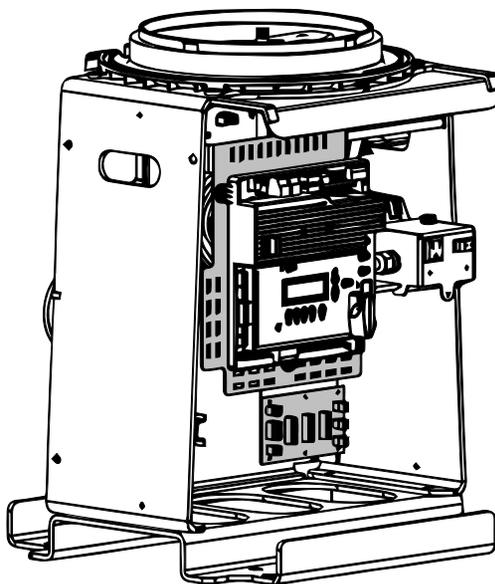
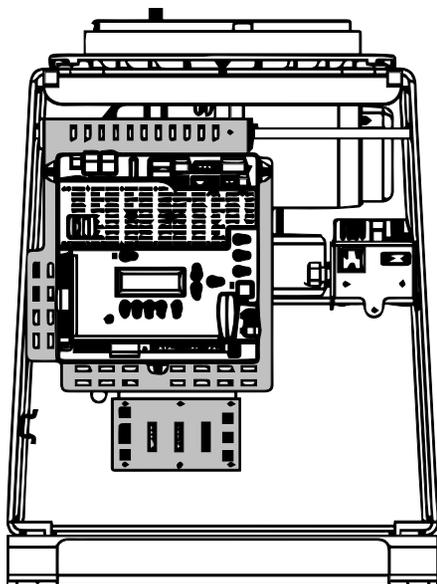
Install the mounting plate as shown with screws and washers provided. This will allow for easy wiring of the LPR3 to the 1050 control board.

NOTE: The LPR3 may be mounted in alternate locations as required by the installation.



Install mounting screws here

Install mounting screws here



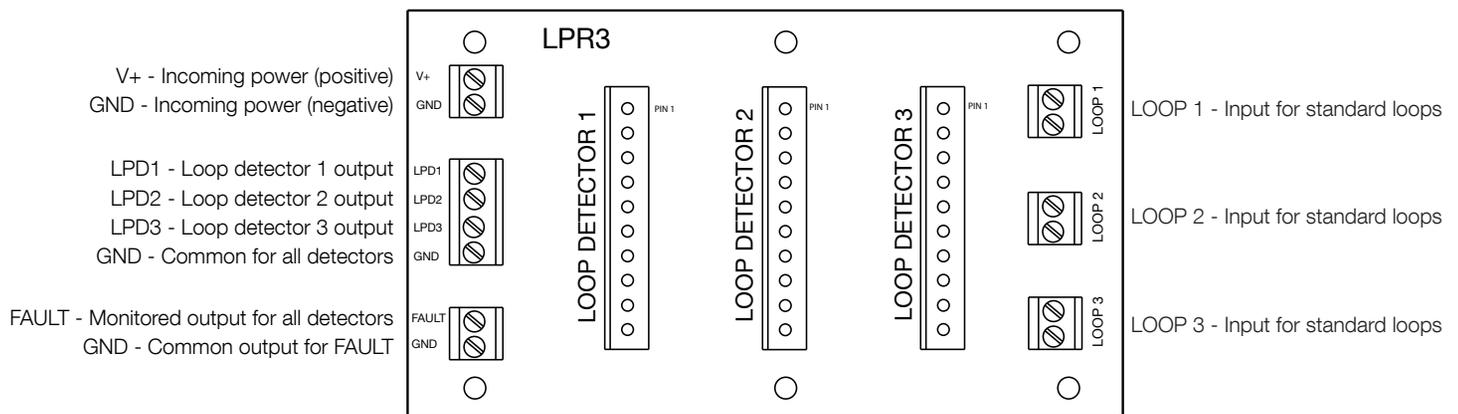
LPR3 WIRING

The LPR3 loop detector board has been designed to accept three standard 10 pin plug in loop detectors. Simply plug in the desired vehicle detectors and wire to the control board to the appropriate terminals.

NOTE: Verify that the pin outputs on the vehicle loop detectors you wish to use will match the pin inputs on this board.

Pin inputs on the LPR3 Board as follows:

PIN	FUNCTION	PIN	FUNCTION
1	Loop	6	Output B
2	Loop	7	Output B Inverted
3	No Connection	8	Output A (presence)
4	No Connection	9	Power 12-24VDC
5	No Connection	10	Common



Terminal descriptions as follows:

V+ - Incoming power 12 - 24 VDC
 GND - Incoming power common or ground

LPD1 - Dry contact normally open output for loop detector 1
 LPD2 - Dry contact normally open output for loop detector 2
 LPD3 - Dry contact normally open output for loop detector 3
 GND - Common or ground output for LPD1, LPD2, LPD3

FAULT - Dry contact normally open output for fault or monitored inputs - When any loop detector senses a fault with the incoming loop wires this output will send a fault signal to the board prohibiting the board from operating the gate until the fault is cleared

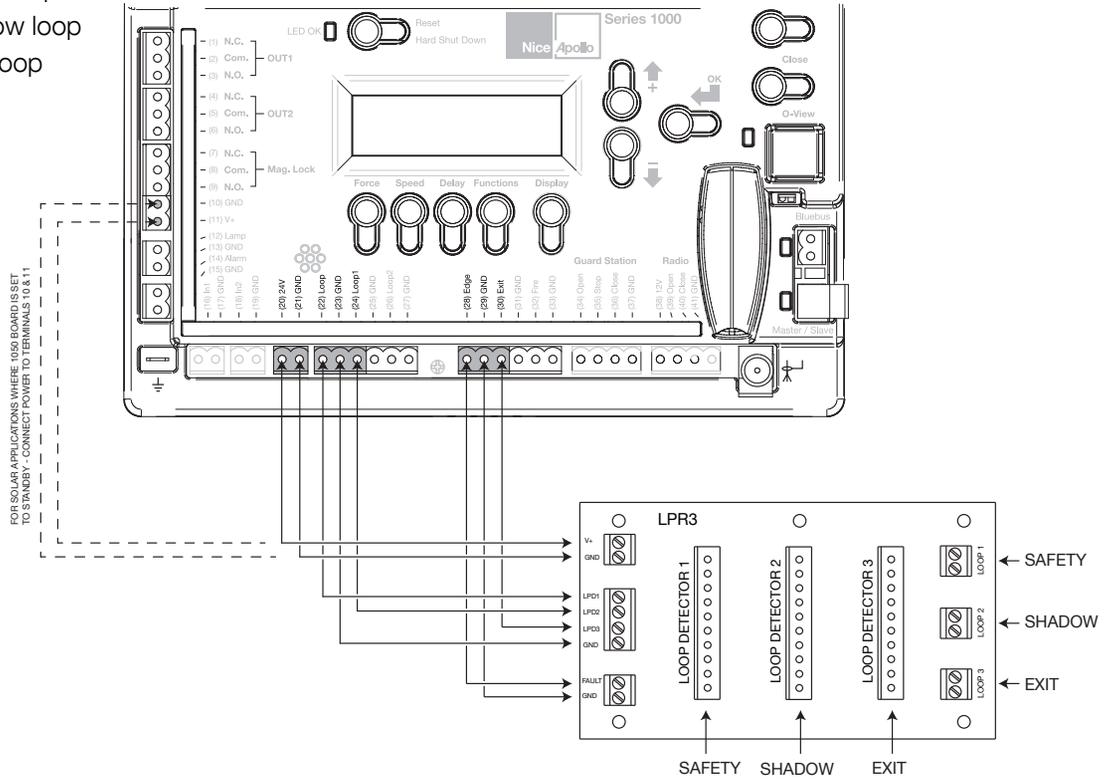
GND - Common or ground for FAULT output

LOOP 1 - Input for standard loops for Loop detector 1
 LOOP 2 - Input for standard loops for Loop detector 2
 LOOP 3 - Input for standard loops for Loop detector 3

SWING GATE WIRING EXAMPLE

The following example shows the typical wiring of the LPR3 loop detector board to the 1050 control board for a swing gate setup where:

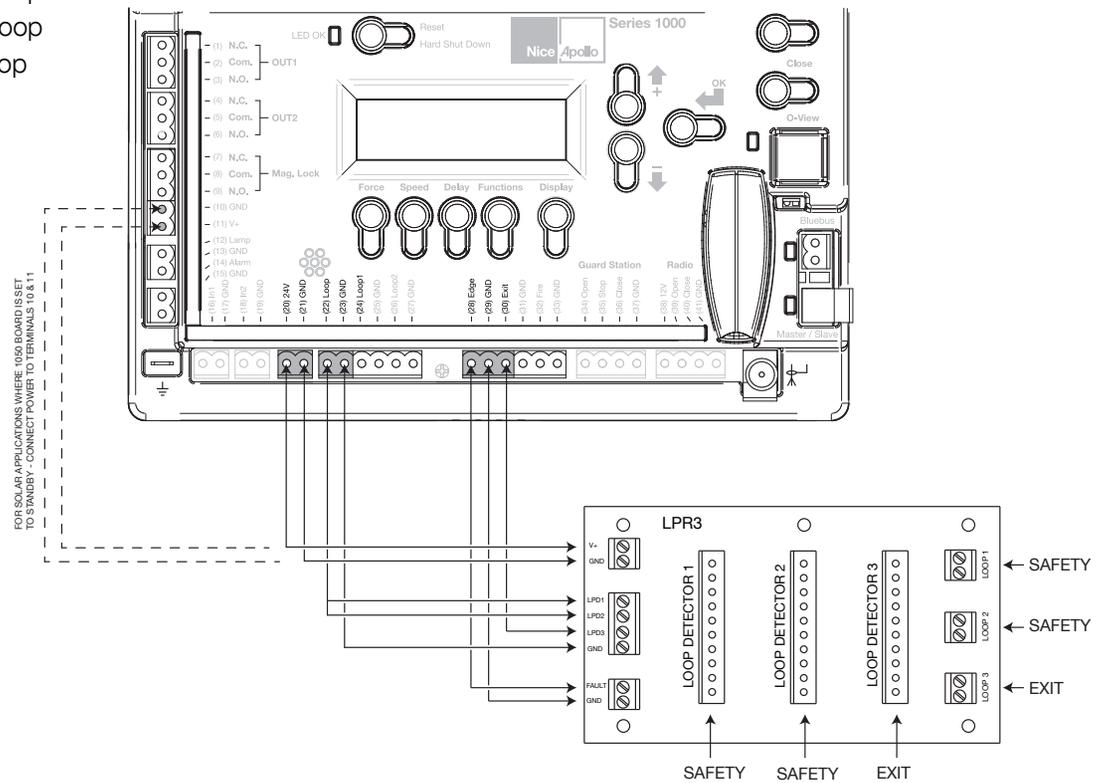
- Loop detector 1 is a Safety loop
- Loop detector 2 is a Shadow loop
- Loop detector 3 is an Exit loop



SLIDE GATE WIRING EXAMPLE

The following example shows the typical wiring of the LPR3 loop detector board to the 1050 control board for a slide gate setup where:

- Loop detector 1 is a Safety loop
- Loop detector 2 is a Safety loop
- Loop detector 3 is an Exit loop



Nice Group USA Limited Warranty – 2 (TWO) YEARS

Nice Group USA (“Manufacturer”) warrants this product shall be free from defects in materials and workmanship for a period of 2 years from the manufacture date. These warranties are in lieu of all other warranties expressed or implied and shall be considered void if the product is damaged due to, but not limited to, improper installation, improper use, terrorism or acts of God. The proper operation of this product is dependent on your compliance with the instructions regarding installation, operation, maintenance, and testing. Failure to comply strictly with those instructions will void this limited warranty in its entirety.

If, during the 2 year time period from the date of manufacture, this product appears to contain a defect covered by this limited warranty, **call the manufacturer service center at 1-800-226-0178** before uninstalling and/or dismantling this product. The technical assistance department at the manufacturer will discuss the problems you are experiencing in order to confirm the product defect. You will provide the information from the dated proof of purchase receipt to confirm the warranty period or the technician will confirm your extended warranty period through your registration information on file. The technician will give you the shipping information you need to return your product. Your product must be returned to the manufacturer service center in a prepaid and insured manner. Should your product be covered under the warranty policy, your product will be repaired, replaced with a factory rebuilt product or replaced with a new product (at the manufacturer’s discretion) at no cost to you and sent back to you via standard ground freight.

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