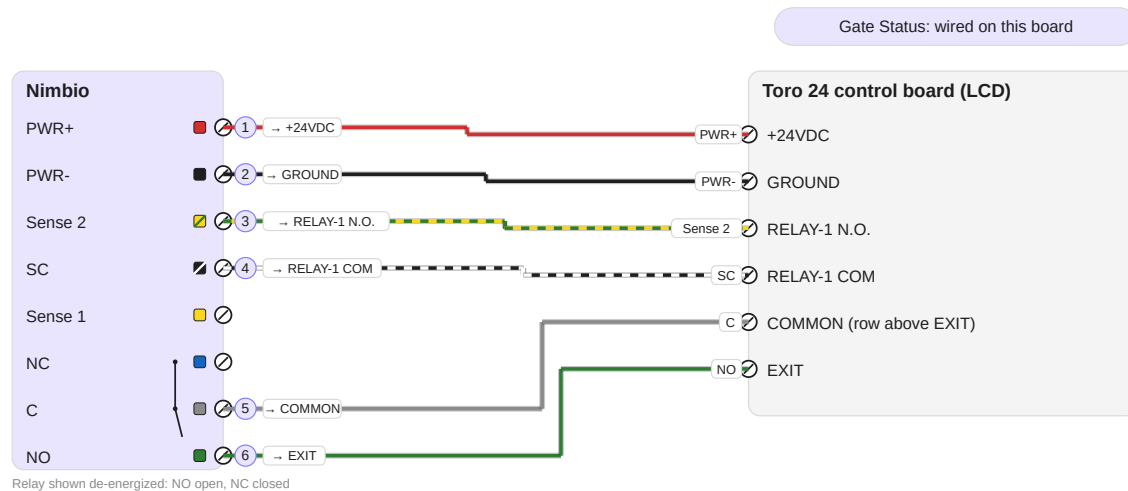


Wiring guide: All-O-Matic Toro 24

Toro 24 control board (LCD) · Nimbio terminal strip: PWR+, PWR-, Sense 2, SC, Sense 1, NC, C, NO

Gate Status: wired on the main board.

No suitable output on your operator? A magnetic gate switch can report the gate's position instead: wire its two leads to Sense 1 and SC for fully closed, or to Sense 2 and SC for fully open. The switch must be a dry contact that puts out no power of its own; if yours puts out power, add a relay that turns it into a dry contact.



Legend

1. Nimbio PWR+ (red) → +24VDC on the Toro 24 control board (LCD)
2. Nimbio PWR- (black) → GROUND on the Toro 24 control board (LCD)
3. Nimbio Sense 2 (yellow/green stripe) → RELAY-1 N.O. on the Toro 24 control board (LCD)
4. Nimbio SC (black/white stripe) → RELAY-1 COM on the Toro 24 control board (LCD)
5. Nimbio C (grey) → COMMON (row above EXIT) on the Toro 24 control board (LCD)
6. Nimbio NO (green) → EXIT on the Toro 24 control board (LCD)

Setting: Programmable relay = OPENED SIGNAL (relay active at fully open; CLOSED SIGNAL is the alternative, not both) (LCD menu on the Toro 24 board)

NC: Not used

Sense 1: Not used

Cautions

Sense-line polarity does not depend on the wiring. Nimbio maps each sense line's triggered and untriggered state to an

Open or Closed label after installation. If Gate Status shows the opposite of the physical gate, contact Nimbio support to have the labels switched; no rewiring is needed.

Wire colors

PWR+ — red

PWR- — black

Sense 2 — yellow/green stripe

SC — black/white stripe

Sense 1 — yellow

NC — blue

C — grey

NO — green

Connections

Nimbio terminal	Operator terminal	Number	Board
PWR+	+24VDC	—	Toro 24 control board (LCD)
PWR-	GROUND	—	Toro 24 control board (LCD)
Sense 2	RELAY-1 N.O.	—	Toro 24 control board (LCD)
SC	RELAY-1 COM	—	Toro 24 control board (LCD)
Sense 1	Not used	—	—
NC	Not used	—	—
C	COMMON	row above EXIT	Toro 24 control board (LCD)
NO	EXIT	—	Toro 24 control board (LCD)

Settings on the operator

Programmable relay: OPENED SIGNAL (relay active at fully open; CLOSED SIGNAL is the alternative, not both)
(LCD menu on the Toro 24 board)