

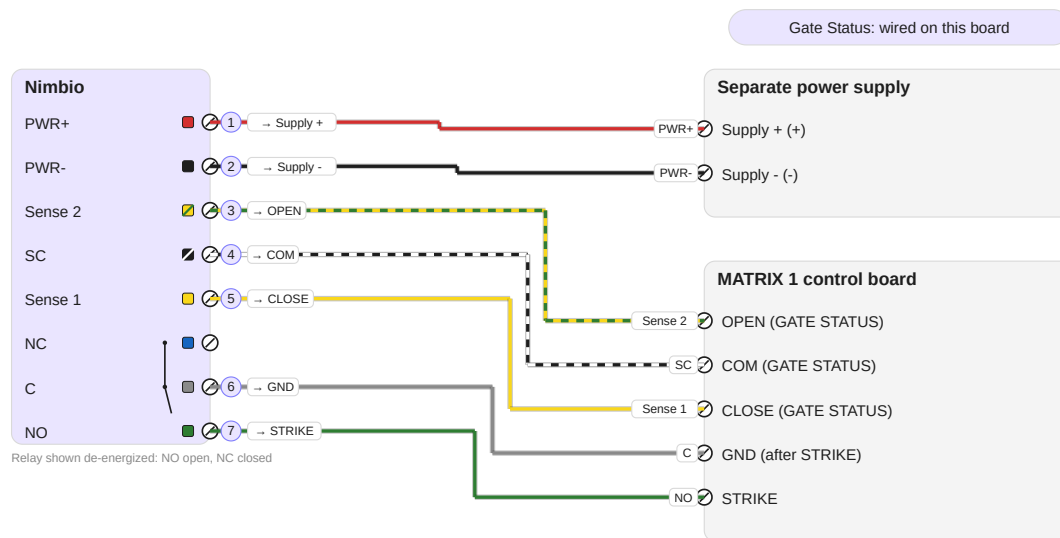
Wiring guide: Maximum Controls MAX 1500

MATRIX 1 control board · Nimbio terminal strip: PWR+, PWR-, Sense 2, SC, Sense 1, NC, C, NO

Note: This operator cannot supply enough continuous power for Nimbio. Use a separate 12–24V AC or DC power supply.

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) → Supply + (+) on the Separate power supply
 2. Nimbio PWR- (black) → Supply - (-) on the Separate power supply
 3. Nimbio Sense 2 (yellow/green stripe) → OPEN (GATE STATUS) on the MATRIX 1 control board
 4. Nimbio SC (black/white stripe) → COM (GATE STATUS) on the MATRIX 1 control board
 5. Nimbio Sense 1 (yellow) → CLOSE (GATE STATUS) on the MATRIX 1 control board
 6. Nimbio C (grey) → GND (after STRIKE) on the MATRIX 1 control board
 7. Nimbio NO (green) → STRIKE on the MATRIX 1 control board
- NC: Not used

Cautions

Do not power the Nimbio from the operator's 24V/GND block. The manual describes it as the board's own power input ("24V Power for Matrix 1 ONLY"), not an accessory output; give the Nimbio its own supply.

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+	Supply +	+	Separate power supply
PWR-	Supply -	-	Separate power supply
Sense 2	OPEN	GATE STATUS	MATRIX 1 control board
SC	COM	GATE STATUS	MATRIX 1 control board
Sense 1	CLOSE	GATE STATUS	MATRIX 1 control board
NC	Not used	—	—
C	GND	after STRIKE	MATRIX 1 control board
NO	STRIKE	—	MATRIX 1 control board