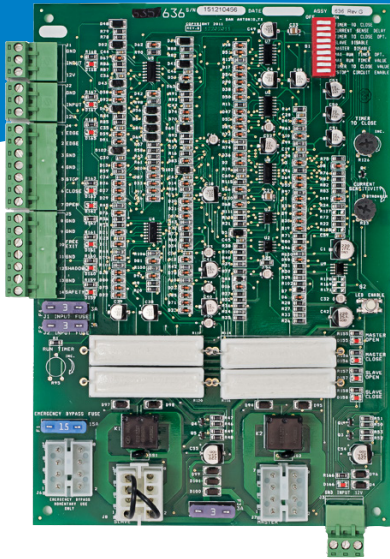
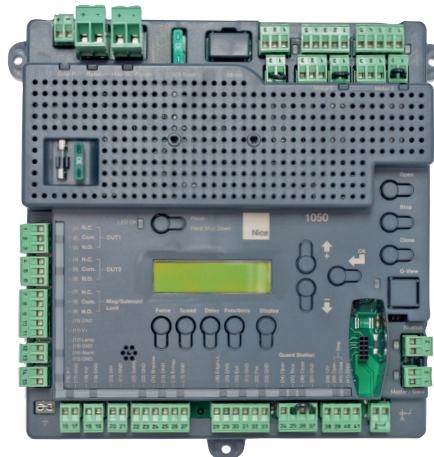


Nice Residential Control Boards

An overview of our control boards and their applications.



636 Control Board



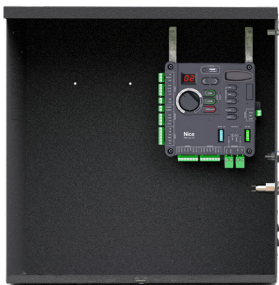
1050 Control Board



Mercury 310

Control Boxes

Weatherproof enclosures to protect the control board and batteries



CBOX 310 SolarBOX Control box

Black powder coated steel control box. With Mercury 310 Controller, OXI receiver and ON2E transmitter
18" W x 18" H x 8"D

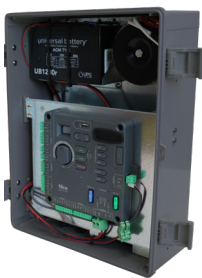
Model	Description
CBOX636	Control box kit, includes 636 control board and receiver
CBOX1050	Control box kit, includes 1050 control board, photo eye and receiver
11111B	Control box and lid only (no control board)
CBOX-310	Includes OXI receiver and ON2E transmitter



MB1050 1050 Control Board Ideal for AC Installations

Plastic AC control box
Includes control board, OXI receiver, batteries.
14.25" W x 15.125" H x 9"D

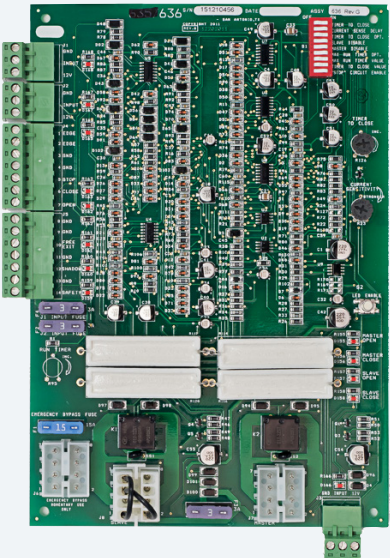
Model	Description
MB1050	Control box kit, includes 1050 controller, OXI receiver, ABF antenna kit, 2- 8h batteries and 320W power supply



AC BOX310 AC BOX310 Control Board Ideal for AC or Solar Installations

Gunmetal grey plastic AC control box. Includes Mercury 310 control board, OXI receiver, ON2E transmitter.
12" W x 18" H x 8"D

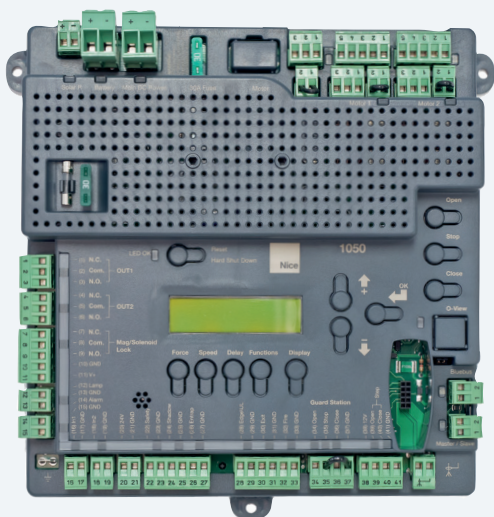
Model	Description
AC BOX310	Control box kit, includes Mercury310,OXI receiver, ON2E transmitter and 1 8Ah battery
SBOX1050	Control box kit, includes 1050 control board, photo eye
11111C	Control box and lid only (no control board)



Analog 636 Control Board Farm/Ranch, AC or Solar For LINEAR Actuators

Simplicity and reliability are the hallmarks of the entry level 636 control board. Setup and configuration are completed with analog physical controls that make it quick and easy to get a gate working in hurry. The switches and dials enable an installer with limited tools to complete the setup.

- Excellent for solar (solar controller/battery charger and battery operated) applications
- Simple to install and configure
- Inexpensive
- Single or dual gate
- Compatible with N/O (unmonitored) photo eyes
- Not UL 325 Certified



LCD 1050 Control Board

Urban Residential, AC or Solar
For LINEAR Actuators, Swing or Slide

Nice's most fully featured controller for both swing and slide gate applications. The 1050 has many features only found on our **top of the line residential control board and can be used with all Nice residential operators.**

- Perfect for AC or solar applications
- Supports up to 1,000 Inti or Era One remotes with rolling-code security
- Simple to install and configure
- Nice BlueBUS 2-wire technology self-identifies monitored photo eyes
- Oview programmer port
- Smart battery charging management
- Full-featured controller with over 100 option settings
- LCD display for detailed user feedback
- Dual gate synchronization
- Internal 7 day programmable timer
- Surge protection
- "Fire" input for emergency access devices
- 2 programmable inputs and 2 programmable relay outputs
- Built-in charger
- Supports BlueBus (6), 300Hz Pulse (2) and 10K Resistive (1) monitored entrapment devices



Digital Mercury 310

Urban Residential, AC or Solar
For TITAN and Apollo LINEAR Actuators

Designed with modularity in mind, TITAN is available as an all-in-one TITANKIT that has everything needed for a complete installation.

Each TITAN LINEAR actuator has field replaceable components that eliminates the need to return it to the shop for repairs.

- Built-in UL 325 type C entrapment protection
- Simple to setup controller parameters - no programming needed
- Solar ready with integrated battery charger. The only residential controller on the market with MPP
- One-step firmware update process
- Very low standby current maximized battery life in solar installations
- Does not require photo-eyes, reducing system power consumption

Nice Control Boards

	636US	1050US	Mercury 310
Solar	Yes	Yes	Yes
Single or Dual Gate	Single or dual	Single or dual gate synchronization	
Slide Compatible	No	Yes	No
Swing Compatible	Apollo and Titan only	Yes	Apollo and Titan only
Temperature Rating	-4° to 122° F (-20° to 50° C)		
Input Voltage	12 VDC	12 VDC	12 – 24 VDC
Max Output Current	15A	17A	30A
Idle Current	15mA	10mA	10mA
Accessory Power	(3) fused 12 volt outputs - each fused by a 3A fuse	V+/24V/12V, 0.3A each location	12V 500mA. 2 locations always on 2 locations switched
BlueBUS	No	Yes	Yes
Board Dimensions	6.5w x 8.5h x 1.75d inches	9w x 9h x 2.25d inches	7.3w x 7.2h x 1.25d inches
Communication		BlueBUS, Oview programmer port and OXI	BlueBUS, USB port, OXI, 433 MHz remote
User Controls	All analog	LCD display for detailed user feedback	Function selection dial, open close stop/clear buttons, value adjustment increase and decrease buttons, remote programming buttons
Relays	None	2 programmable	None
ETL Listed (UL325)	Not Certified	Usage Class I, II	
External Entrapment Sensor Options	N/O relay based	BlueBUS photo eyes (EPLOB/A, EPMOB/A, EPMB/A) Pulsed photo eyes (EMX IRB-RET) 10K photo eyes (EMX IRB-NIR-50)	BlueBUS and 10K monitored sensors
Important Notes	Compatible with any standard relay output device Not compatible with BlueBUS devices	7 day programmable timer	Does not require photo-eyes
Warranty	3 year warranty with product registration		

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