
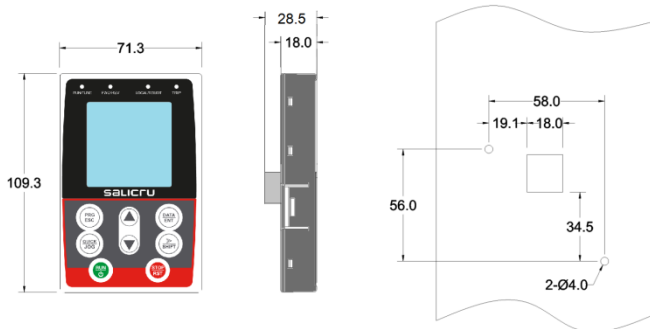


The manual is for SALICRU LCD keypad, which supports English and Spanish displaying. It can be used with CV50 inverter.

Refer to the operational manual of CV50 inverter for details.

WARNING  **!Connect only to CV50 inverters. Using this keypad with other series might damage the inverter!**

Dimension of the keypad



Dimension of the LCD keypad (unit: mm)

Keypad

The keypad is used to read the state data and adjust parameters.

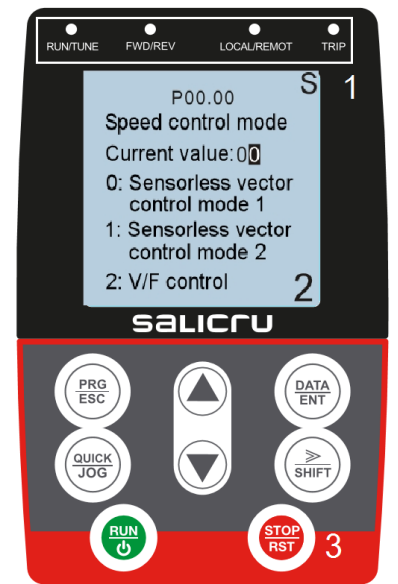










Fig Keypad

Serial No.	Name	Description
1	State LCD	<p>RUN/TUNE</p> <p>LED off means that the inverter is in the stopping state; LED blinking means the inverter is in the parameter autotune state; LED on means the inverter is in the running state.</p> <p>FWD/REV</p> <p>FWD/REV LCD LED off means the inverter is in the forward rotation state; LED on means the inverter is in the reverse rotation state</p> <p>LOCAL/REMOT</p> <p>LED for keypad operation, terminals operation and remote communication control LED off means that the inverter is in the keypad operation state; LED blinking means the inverter is in the terminals operation state; LED on means the inverter is in the remote communication control state.</p>

Serial No.	Name	Description
	TRIP	LED for faults LED on when the inverter is in the fault state; LED off in normal state; LED blinking means the inverter is in the pre-alarm state.
2	Code displaying zone	LCD displaying. Display the information of the function code. The current state will be displayed on the upper right of the LCD in the editing state: E stand for fault state, S stands for stopping state and R stands for running state.
3	Buttons	 Programming key Enter or escape from the first level menu and remove the parameter quickly
		 Entry key Enter the menu step-by-step Confirm parameters
		 UP key Increase data or function code progressively
		 DOWN key Decrease data or function code progressively
		 Right-shift key Move right to select the displaying parameter circularly in stopping and running mode. Select the parameter modifying digit during the parameter modification
		 Run key This key is used to operate on the inverter in key operation mode
		 Stop/Reset key The function is determined by the function code Refer to the operational manual of corresponding inverter for details
 Quick key The function is determined by the function code Refer to the operational manual of corresponding inverter for details		

Keypad displaying

The keypad displaying is divided into stopping state parameter, running state parameter and fault state and so on.

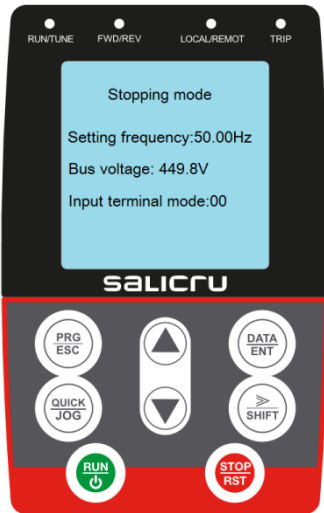
Keypad setting and menu selection

Press SHIFT and DOWN key for 3 seconds at the same time after power on and then the menu selection mode is displayed as below:

1. Hardware test: tests of the keys, screen and indicators;
2. Flash date program: used only when the FLASH configuration table is updated;
3. Language select: language selection (English and Spanish mode);
4. Keypad SW version: view the MCU and Flash Software version;
5. Inverter select: select CV50.

Displayed state of stopping parameter

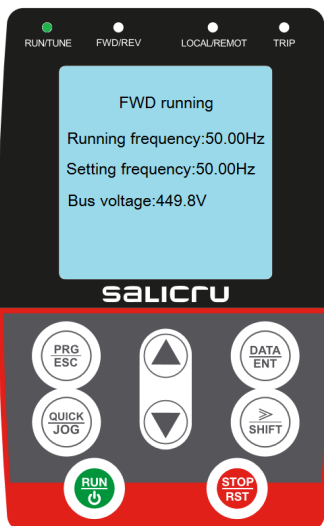
When the inverter is in the stopping state, the keypad will display stopping parameters which is shown in figure.



In the stopping state, various kinds of parameters can be displayed. Select the parameters to be displayed or not by “parameter selection for the stopping state” (Refer to the operational manual of CV50 inverter for details).

▶/SHIFT can shift the parameters form left to right, **QUICK/JOG** (Refer to the operational manual of CV50 inverter for details) can shift the parameters form right to left.

Displayed state of running parameters



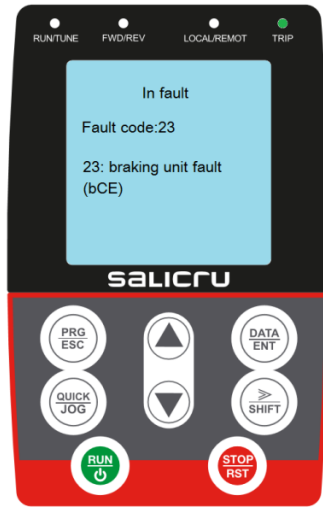
After the inverter receives valid running commands, the inverter will enter into the running state and the keypad will display the running parameters. **RUN/TUNE** LCD on the keypad is on, while the **FWD/REV** is determined by the current running direction which is shown as figure.

In the running state, various kinds of parameters can be displayed. Select the parameters to be displayed or not by “parameter selection for the running state” (Refer to the operational manual of CV50 inverter for details).

▶/SHIFT can shift the parameters form left to right, **QUICK/JOG** (Refer to the operational manual of corresponding inverter for details) can shift the parameters from right to left.

Displayed state of fault

If the inverter detects the fault signal, it will enter into the fault displaying state. The keypad will display the fault code by flicking. The **TRIP** LCD on the keypad is on, and the fault reset can be operated by the **STOP/RST** on the keypad, control terminals or communication commands.



Displayed state of function codes editing

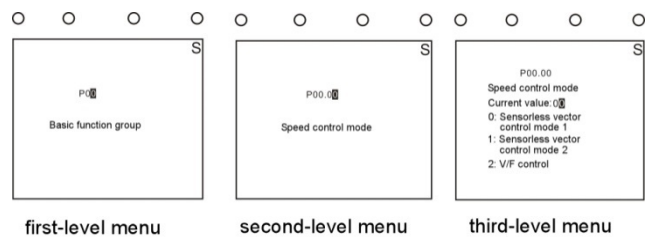
In the state of stopping, running or fault, press **PRG/ESC** to enter into the editing state (Refer to the operational manual of CV50 inverter for the password). The editing state is displayed on two classes of menu, and the order is: function code group/function code number → function code parameter, press **DATA/ENT** into the displayed state of function parameter. On this state, you can press **DATA/ENT** to save the parameters or press **PRG/ESC** to retreat.

Keypad operation

Operate the inverter via operation panel. See the detailed structure description of function codes in the brief diagram of function codes.

The inverter has three levels menu, which are:

1. Group number of function code (first-level menu).
2. Tab of function code (second-level menu).
3. Set value of function code (third-level menu).



Remarks: Press both the **PRG/ESC** and the **DATA/ENT** can return to the second-level menu from the third-level menu. The difference is: pressing **DATA/ENT** will save the set parameters into the control panel, and then return to the second-level menu with shifting to the next function code automatically; while pressing **PRG/ESC** will directly return to the second-level menu without saving the parameters, and keep staying at the current function code.

Under the third-level menu, if the parameter has no flickering bit, it means the function code cannot be modified. The possible reasons could be:

- 1) This function code is not modifiable parameter, such as actual detected parameter, operation records and so on;
- 2) This function code is not modifiable in running state, but modifiable in stop state.