

## C-PANEL

# User Manual



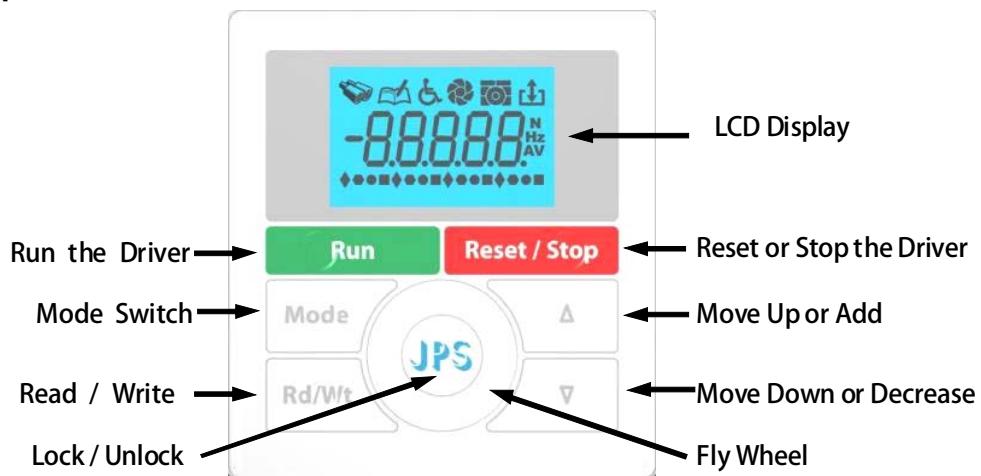
Version : V1.00

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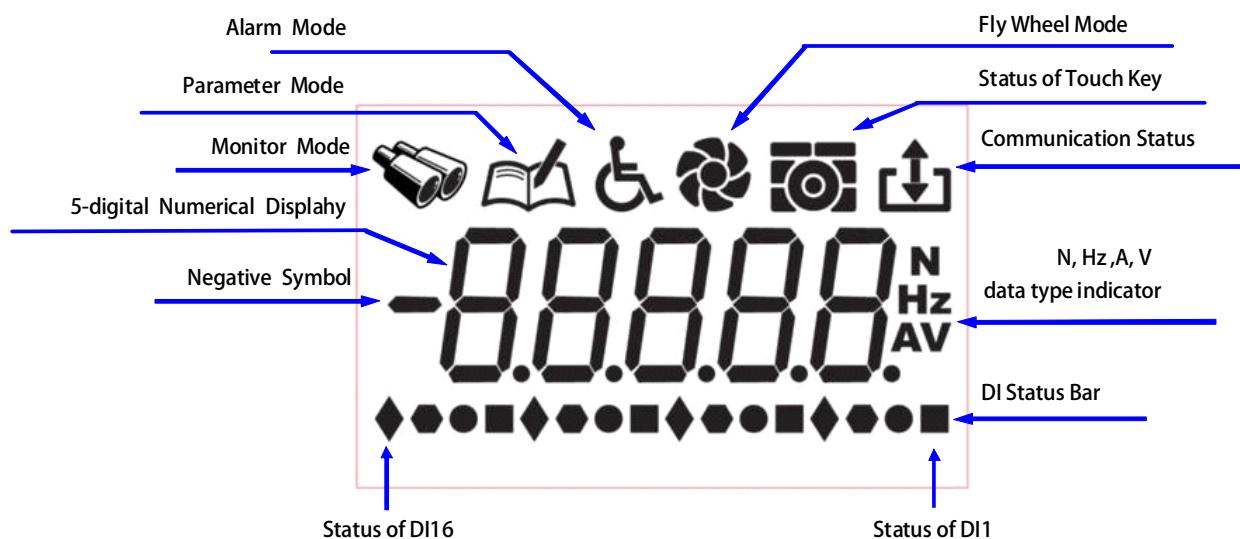
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## 1. C-Panel Description

### 1.1 C-Panel Appearance Introduction

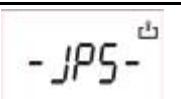
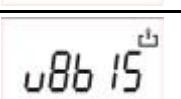


### 1.2 Monitor Graphical Description



The DI Status Bar shows the on/off status of DI1 ~ DI16 for real time.

### 1.3 The Start up Message of Panel

(1). After Start up the display will show the panel's software version firstly. (the sample shows the version <i>P8b10</i> )	
(2). Then the display changes the message to show company's logo. (the sample shows -JPS-)	
(3). Then the display changes the message to show the fitting motor type. (the sample shows <i>Induc</i> - Induction type)	
(4). Then the display changes the message to show the driver's software version. (the sample shows the version <i>v8b15</i> )	
(5). At last, the display changes the status to show the monitor mode.  Only  and  and  keys can be operated at this status.	

## 2. C-Panel Opearation Guide

When power-on start or reset the panel, the key will be locked and need user to unlock it. After user left it after 10 minutes for not using, the panel will lock the keys automatically。

### 2.1 Lock and unlock

Press  at least 1 sec, till 4 beeps sound.  
The panel will be unlocked.

- After unlock the panel, to do this procedure again will lock the panel.
- Keep unprocees this panel for 10 minutes, the panel will lock the key function automatically.

After unlock process, the display will show “unloc” ; after lock process, the display will show “loc”

### 2.2 Change Mode

At any status → Press 

By pressing this bottom, can enter these different modes sequentially:

-  Monitor mode
-  Parameter mode
-  Alarm mode

### 2.3 Monitor Mode

#### 2.3.1 Select the monitoring item

When in  Monitor mode → Press  or 

By using the up/down keys, can select the monitoring item:

- N Motor' s speed.
- Hz The output frequency.
- A Output current.
- V Output voltage.

#### 2.3.2 To Run or Stop the motor

When in  monitor mode → Press  twice (within 0.5sec)

Will start the motor to run, or

When in  monitor mode → Press  twice (within 0.5sec)

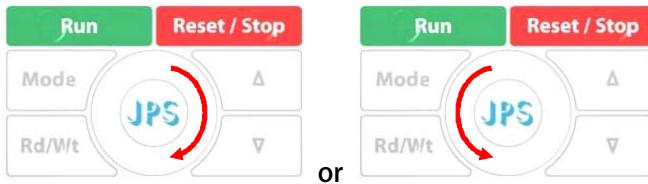
Will stop the motor.

In order to operate the run and stop function on the control panel, the condition list below should be satisfied:

- Pr.065=0 FWD terminal function: no function.
- Pr.068=73 Set the virtual input function: FWD function.
- Pr.059=1 Control panel RUN / STOP function switch: enable.

### 2.3.3 Use the fly wheel function in the monitor mode

In monitor mode, can enter the fly wheel mode by touching and draw on the wheel.



If enter the fly wheel mode successfully, the icon  will be showed on the display; in the mean time, the display will show the present speed, and the latest digital will flash to notice that the data is ready to be edit. °

### 2.3.4 Use fly wheel and up/down keys to edit data

- Change the edit position



By using this way, can change the edit positon to save the operation time.

- Edit the value

- Using the fly wheel to change the value

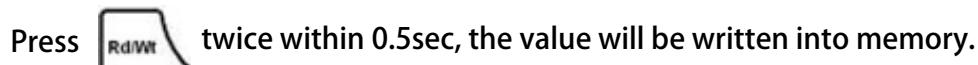


- Using up/down keys to change the value



Bothe of these two ways can be used to change the value.

- Write



## 2.4 Parameter Mode (Select · Read · Edit · Write)

Press  to enter parameter mode.

After enter parameter mode, LCD display will show Pr.000.

In the parameter mode should follow the steps list below to read or change the parameter's value.

1. Select parameter.
2. Read out the value of parameter.
3. Enter edit mode to change the value, if you wish.
4. Write down the value into the parameter and save in memory.
5. Exit from edit mode to select another parameter, or  
exit to the top level to change to another operation mode.

### 2.4.1 Select the parameter to edit or read

[NOTICE] All the operation described below can only work under the condition of the (parameter mode) or (edit mode).

By using the operation described below, can select parameter, read value, edit value and write the value into parameter.

#### 1. Select parameter

- Enter select parameter mode

Press or to enter select parameter mode.

or

Touch one of the left or right side of wheel lightly.

to enter select parameter mode.

By these processes, the least digital of displayed data will be flashed to indicate that is ready to be edit.

- Change the edit position

Touch the left or right to change the edit position.

to change the edit position.

- Enter parameter number

Press or to increase or decrease value.

or

Draw on the fly wheel circularly

to change the value.

#### 2. Read the value of parameter

In mode → press to read parameter value.

#### 3. Edit parameter value

#### 4. Write down the parameter value

The procedures of editing and writing the parameter value are same with the procedure that are introduced in paragraph 02.3.4 .

#### 5. Return

Press to return to previous mode sequentially.

## 2.5 Alarm Mode

Press  to select alarm mode.

then

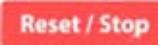
In  mode → Press  or 

By using Up or Down keys, can show A0 ~ A3 alarm messages sequentially:

- A0 Showing the present alarm message.
- A1 Showing the alarm message previous than A0.
- A2 Showing the alarm message previous than A1.
- A3 Showing the alarm message previous than A2.

\*\* After power on or reset, all alarm record will be shift by the sequence A0→A1→A2→A3, and the record A0 will be refresh by present status.

## 2.6 (RESET)

In  mode → Press  Twice within 0.5sec.

This procedure will reset the driver and panel itself, and the effect like power-on restart.

### 3. C-Panel SIZE

C-PANEL	面板尺寸 (PANEL SIZE)	開孔建議 (hole size recommendation)

(Unit:mm)