



## WJ-C1 Extended Mode Quick Start

### Quick Start Essential Parameters

AA101 – Frequency (Speed) Source (default 07  
Keypad [parameter FA-01])

AA111 – Run Command Source (default 02  
Keypad [Run Key])

AA115 – Stop Mode Selection (default 00  
[Decelerate to Stop])

Hb102 – Motor Capacity in kilowatts

Hb103 – Motor Poles (default 01 - 4 poles)

Hb104 – Base Frequency (default 60Hz)

Hb105 – Maximum Frequency (default  
60Hz)

Hb106 – Motor Voltage

Hb108 – Motor Current in Amps

FA-01 – Keypad Speed Setting (default 0.00)

FA-10 – Acceleration Time (default 10 seconds)

FA-12 – Deceleration Time (default 10 seconds)

# To Enter Programming Mode and Use the C1 Keypad for Programming

## KEYPAD FUNCTIONS

The keypad provides an easy to use, interactive way to access and enter the parameters.

- A** The jog dial is used to navigate through parameters
- B** The center of the jog dial is the Enter key
- C** Run is the Green top key
- D** Stop/Reset is the Red bottom key
- E** Esc enters programming mode



## To Set the Motor Data

The motor parameters are grouped together intuitively for simple programming.

- 1** Press the Esc key to enter Programming Mode
- 2** Press Esc until H file group is reached Press the enter key
- 3** Rotate the jog dial clockwise until the Hb parameters are reached
- 4** Enter the motor data in the parameters listed below
  - Hb102- Motor Capacity (kw)
  - Hb103- Motor Poles
  - Hb104- Base Frequency (Hz)
  - Hb105- Max Frequency (Hz)
  - Hb106- Motor Voltage (VAC)
  - Hb108- Motor Current (Amps)
- 5** Press the Enter key to save the data for each parameter

**BE SURE TO PRESS THE ENTER KEY TO SAVE THE DATA TO EEPROM**

## To Set the Speed Reference

- 1 Press the Esc key to enter Programming Mode
- 2 Press the Esc until A file group is reached
- 3 Rotate the jog dial until the AA101 parameter is displayed
- 4 Press the enter key
- 5 Select the speed reference from the options below

1- Analog Input 1 (Ai1)  
2- Analog Input 2 (Ai2)  
7- Keypad (parameter FA-01)  
8- RS485 (Modbus communication)  
9- Option

12- Pulse Input  
14- EzSq (Easy Sequence Program)  
15- PID  
16- VR (Potentiometer on external Keypad)

- 6 Press Enter to save the data

**BE SURE TO PRESS THE ENTER KEY TO SAVE THE DATA TO EEPROM**



## To Set the Run Command Source

- 1 Press the Esc key to enter Programming Mode
- 2 Press Esc until A file group is reached
- 3 Rotate the jog dial until the AA111 parameter is displayed
- 4 Press the enter key
- 5 Now you can select the Run Command source from the options below

0- Terminal 2-Wire (FW) / (RV)

3- RS485 (Modbus communication)

1- Terminal 3-Wire (Start) / (Stop)

4- Option

2- Run key (Keypad)

- 6 Press the Enter key to save the data

**BE SURE TO PRESS THE ENTER KEY TO SAVE THE DATA TO EEPROM**



## To Set the Speed in Hz Using the Keypad Parameters

- 1 Press the Esc key to enter Programming Mode
- 2 Press Esc until the FA-01 parameter is reached
- 3 Press the Enter key
- 4 Using the jog dial you can adjust the speed by rotating the jog dial clockwise (increase) and counterclockwise (decrease)
- 5 Press Enter to save the desired speed

This parameter can be changed while the motor is running or stopped

**BE SURE TO PRESS THE ENTER KEY TO SAVE THE DATA TO EEPROM**



## To Set the Acceleration and Deceleration Times

- 1 Press the Esc key to enter Programming Mode
- 2 Press the Esc key until FA-01 is reached
- 3 Rotate the jog dial clockwise until FA-10 (Acceleration) or FA-12 (Deceleration)
- 4 Press Enter to select the parameter
- 5 Now you can adjust the Acceleration/Deceleration time using the jog dial
- 6 Press the Enter key to save the data

**BE SURE TO PRESS THE ENTER KEY TO SAVE THE DATA TO EEPROM**



## To Set the Stop Mode

- 1 Press the Esc key to enter Programming Mode
- 2 Press the Esc key until parameter AA101 is reached
- 3 Rotate the jog dial until parameter AA115 is reached
- 4 Press the enter key
- 5 Now you can select the Stop Mode from the options below

0- Decelerate To STOP

1- Free Run STOP

- 6 Press the Enter key to save the data

**BE SURE TO PRESS THE ENTER KEY TO SAVE THE DATA TO EEPROM**



### TECH SUPPORT

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