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**P1
Quick Start**

Quick Start Essential Parameters

AA101 – Frequency (Speed) Source (default 01 Analog Input 1)

AA111 – Run Command Source (default 0 Terminal FW/RV) [2 wire control]

AA115 – Stop Mode Selection (default 00)

Hb102 – Motor Capacity in killowatts (default NA)

Hb103 – Motor Poles (default 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 00.00)

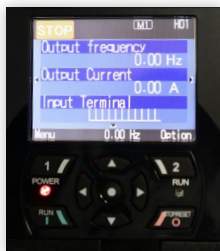FA-10 – Acceleration Time (default 30 seconds)

FA-12 – Deceleration Time (default 30 seconds)

To Enter Programming Mode and Use the P1 Keypad for Programming
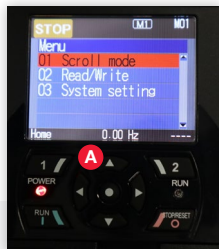
To Set the Motor Data

KEYPAD FUNCTIONS

The top buttons numbered 1 and 2 are soft keys as they change functions with different programming screens.

A The direction pad is used to navigate through parameters

B The center of the direction pad is the Enter key (o)

C Run is the Green bottom left key

D Stop is the Red bottom right key

Now you are ready to program your P1 drive.

The parameters are grouped together intuitively for simple programming.

1 Press the 1 (Menu) soft key to enter Programming Mode

2 Press enter to select Scroll Mode

3 Press down until H: Motor Control is reached

4 Press the enter key

5 Press the 2 (Next Gr.) soft key until Hb parameters are reached. If you go too far, keep pressing the 2 key and the parameter list will swing back around to the HA group

6 Enter the motor data in the parameters listed below

• Hb102- Motor Capacity (kw)	• Hb105- Max Frequency (Hz)
• Hb103- Motor Poles	• Hb106- Motor Voltage (VAC)
• Hb104- Base Frequency (Hz)	• Hb108- Motor Current (Amps)

7 Press 2 (Save) soft key to save the data for each parameter.

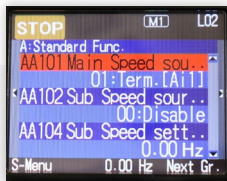**BE SURE TO PRESS 2 (SAVE) SOFT KEY TO SAVE THE DATA TO EEPROM**

To Set the Speed Reference

1 Press the 1 (Menu) soft key to enter Programming Mode

2 Press enter to select Scroll Mode

3 Press down until A: Standard Functions is reached

4 Press the enter key

5 Press enter to select parameter AA101

6 Select the speed reference from the options below

1- Analog Input 1 (Ai1)	9- Option 1
2- Analog Input 2 (Ai2)	10- Option 2
3- Analog Input 3 (Ai3)	11- Option 3
4- Analog Input 4 (Ai4)	12- Pulse Train (In)
5- Analog Input 5 (Ai5)	13- Pulse Train (Opt)
6- Analog Input 5 (Ai6)	14- EzSq (Easy Sequence Programming)
7- Keypad (parameter FA-01)	15- PID
8- RS485 (Modbus communication)	16- VR (Potentiometer on Keypad)

7 Press 2 (Save) soft key to save the data

BE SURE TO PRESS 2 (SAVE) SOFT KEY TO SAVE THE DATA TO EEPROM

To Set the Run Command Source

1 Press the 1 (Menu) soft key to enter Programming Mode

2 Press enter to select Scroll Mode

3 Press down until A: Standard Functions is reached

4 Press the enter key

5 Press down key until AA111 is reached

6 Press enter to select parameter AA111

7 Now you can select the Run Command Source from the options below

0- Terminal (FW)/ (RV)	4- Option-1
1- 3 Wire	5- Option-2
2- Runkey (Keypad)	6- Option-3
3- RS485	

8 Press 2 (Save) soft key to save the data

BE SURE TO PRESS 2 (SAVE) SOFT KEY TO SAVE THE DATA TO EEPROM

To Set the Speed in Hz Using the Keypad Parameters

1 Press the 1 (Menu) soft key to enter Programming Mode

2 Press enter to select Scroll Mode

3 Press down until F: Ref-Mon./Setting is reached

4 Press the enter key

5 Press enter to select parameter FA-01

6 Now you can select the Running speed using the Direction keys on the direction keypad

7 Press 2 (Save) soft key to save the data

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

BE SURE TO PRESS 2 (SAVE) SOFT KEY TO SAVE THE DATA TO EEPROM

To Set the Acceleration and Deceleration Times

1 Press the 1 (Menu) soft key to enter Programming Mode

2 Press enter to select Scroll Mode

3 Press down until F: Ref-Mon./Setting is reached

4 Press the enter key

5 Press the down key until FA-10 (Acceleration) or FA-12 (Deceleration) is reached

6 Press enter to select parameter FA-10 for Acceleration or FA-12 for Deceleration

7 Now you can adjust the Accel/Decel time using the Direction keys on the direction keypad

8 Press 2 (Save) soft key to save the data

BE SURE TO PRESS 2 (SAVE) SOFT KEY TO SAVE THE DATA TO EEPROM
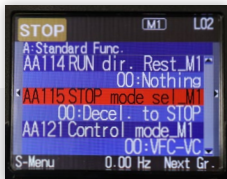
To Set the Stop Mode

1 Press the 1 (Menu) soft key to enter Programming Mode

2 Press enter to select Scroll Mode

3 Press down until A: Standard Functions is reached

4 Press the enter key

5 Press the down key until AA115 is reached

6 Press enter to select parameter AA115

7 Now you can select the Stop Mode from the options below

0- Decel. To STOP

1- Free run STOP

8 Press 2 (Save) soft key to save the data

BE SURE TO PRESS 2 (SAVE) SOFT KEY TO SAVE THE DATA TO EEPROM

SCAN THIS QR CODE
to access the manual
or register your
product for warranty

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