

Setting up a pilot controller

On setting up the Pilot controller for the first time, Default values will be set for amperage and power factor.

This will have to be adjusted to each application.

This is intended to guide you through the basics of setting up a Pilot Controller.

When the unit is first powered up, The LCD display will briefly display software information,
This should automatically change to display

<<<Stop>>>
Status: Normal.



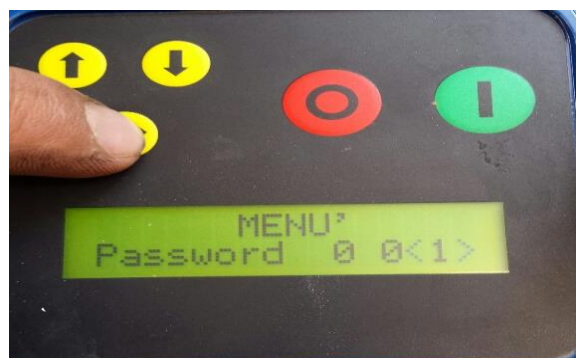
To access the set up menu,
Use the arrows to scroll to Menu' Enter
Press the enter key to access menu.



The Enter password screen should now be displayed,
Enter your password (default 001) using the arrow keys

Use the up and down arrows to change the value of the selected digit.

Use the Enter button to select the next digit



Press enter to submit password.

You can now enter the required values for the motor;

The first setting is Amperage.

Displayed I =00.0 (A)

Press the enter arrow to select the amperage setting, Using the up and down arrows, set the unit to the maximum overcurrent amperage.

This is the amperage which the unit will detect as overload and cut power to the motor

Recommended 0.5A above running Amperage

Press the enter button to select amperage value.



Using the arrow keys select the next setting - the Power Factor.

Press the enter button to select the power factor setting.

using the up and down arrows select the minimum power factor for which the unit will detect 'dry running'

Press enter again to set the power factor.



Now Exit the setup menu by pressing the red/stop button.
The screen should revert back to the original screen displaying
Menu'
Enter.

Using the arrows, scroll back to the display

<<<Stop>>>
Status: Normal



These setting can be finely tuned by accessing the menu by repeating the steps above.

By pressing the Green button, The unit will begin to run as normal, provided the settings are correct.
You can now scroll down using the arrow keys to display running amperage and current power factor.

Using the figures displayed, you can finely tune the unit to react more quickly to changes.