The PIT Boss

Quick Install Guide

Step 1: Wire Switches/Sensors
Arrival Sensor uses *DI 1* connections.
- 3 Wire uses *DO 1 Signal* for power

Line Pressure
- Switch uses *DI 2* connections.
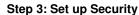- Sensor uses *AI 1* connections.

Casing Pressure
- Switch uses *DI 3* connections.
- Sensor uses *AI 2* connections.

Flow Differential Pressure
- Switch uses *DI 4* connections.
- Sensor uses *AI 2* connections.

Step 2: Connect Battery/Solar Panel
Insert the 4 position battery plug
Insert the 4 position solar panel plug

⚠️ **The battery must be plugged in before the solar panel.**

Valves

Step 3: Set up Security

Press [menu] then [7] to enter the **System** menu.

Press [1 yes] to start editing.
Enter the default installer ID.

Press [enter] until you see the Operator ID screen.
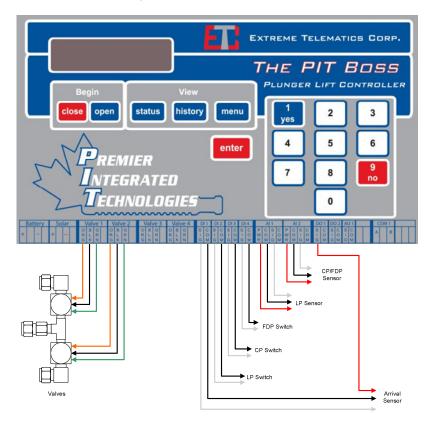
Press [1 yes].
Set the Operator ID.

Press [1 yes].
Set the Installer ID.

Step 4: Set Date/Time

Press [menu] then [2] to enter the **Set Date/Time** menu.

Press [1 yes] and adjust the Date.

Press [1 yes] and adjust the Time.

Press [1 yes] to change Daylight savings time option.

Step 5: Configure Installation

Press [menu] then [4] to enter the **Install Setup** menu.

Press [1 yes] to confirm a new install.

Press [1 yes] to stop the controller.

Press [1 yes] to adjust the amount of time to stop the controller for.

Press [enter] to scroll through each setup screen.

Press [1 yes] to adjust any specific setting.

Step 6: Configure Modbus (Optional)

Press [menu] then [8] to enter the **Modbus Setup** menu.

Press [enter] to scroll through each setting.

Press [1 yes] to adjust any specific setting.
Configure each setting (Station ID, Protocol, Baud Rate, etc…) to match the settings used on a given network.

Step 9: Configure Timers (Optional)
Timers should have been set during Installation. Use this method to change them.

Press [menu] then [1 yes] to enter the **Adjust Settings** menu.

Press [enter] to scroll through each timer and alarm setting screen.

Press [1 yes] to adjust any specific setting.

Hot Keys
A variety of hot keys are provided to simplify the basic controller operations.

[close] - Close the well. Return to the status screen.

[open] - Open the well. Return to the status screen.

[status] - Return to the status screen.

[history] - View History (Cycle Log, Daily Production, Total Production, Plunger Stats).

[menu] - View the menus.

[enter] - Confirm an action or move down through the menu.