

Overview

For this configuration, we will be focusing on the communication and network parameters for the **FireConnect Jockey Controller** when paired with the interfaces for the **Firetrol Mark III** or **Tornatech Vizitouch 2.0** main fire pump controllers, **Diesel or Electric**.

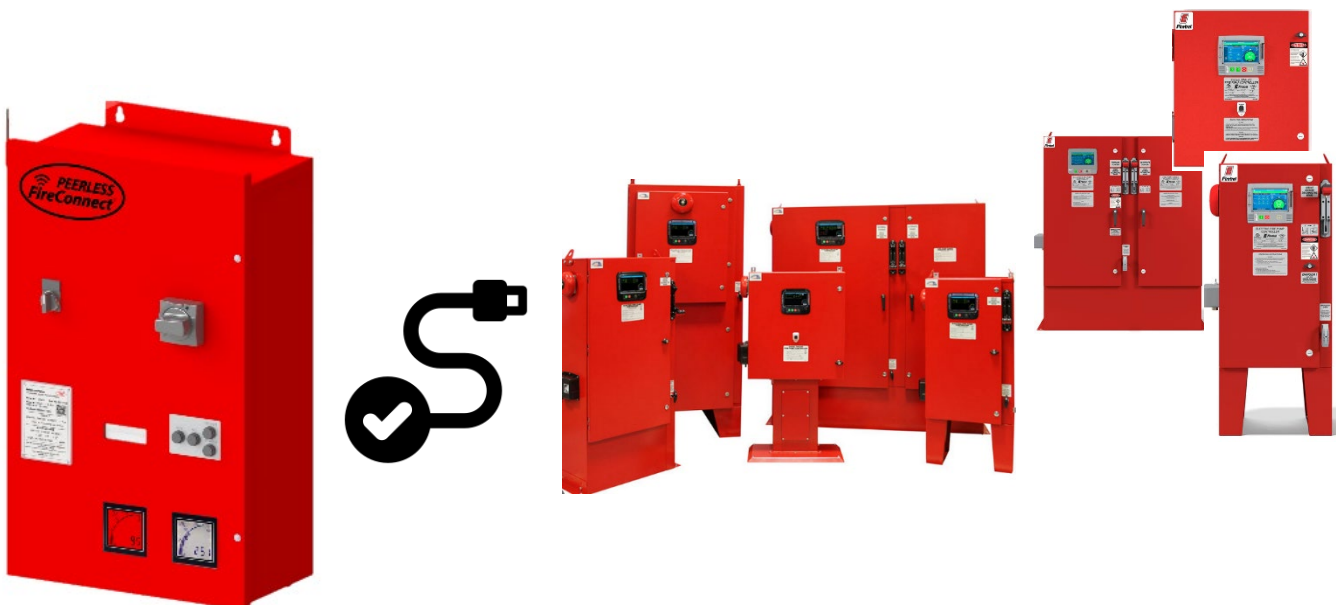
Some of these communication settings will be configured from the factory if ordered with the correct option, but it is important and should be common practice to verify each and every parameter is entered correctly.

The Key Action Items and Parameters for this configuration are as follows for **the Main Fire Pump Controller**:

1. Main Controller Settings:
 - a. IP Address- 192.168.003.198
 - b. Subnet Mask- 255.255.255.000
 - c. Default Gateway 192.168.003.198
2. Check ☒ the **Manual Addressing** field in the network configuration settings while entering the IP Addresses and if equipped, remove the check ☐ from the **Wireless Networking** field.
3. Verify Ethernet Connection from the FCJC to the Main Controller.
4. Power Cycle the Main Controller after making any changes to the settings to force the reconnection with the new IP Addresses.

The Key Action Items and Parameters for this configuration are as follows for the **FireConnect Jockey Controller**:

1. FireConnect Jockey Controller Settings:
 - a. BAUD Rate- 19,200
2. Verify Ethernet Connection from the FCJC to the Main Controller.



Setting up the Main Controller; Mark III/Vizitouch 2.0

To enter or change these controller settings, this will require a Level-2 access code from the respective controller manufacturer, Firetrol or Tornatech. Please stop now and contact the manufacturer to obtain the correct password. For Firetrol controllers, email fieldservices@firetrol.com to obtain a password, or contact Tornatech directly at <https://www.tornatech.com/contact/>.

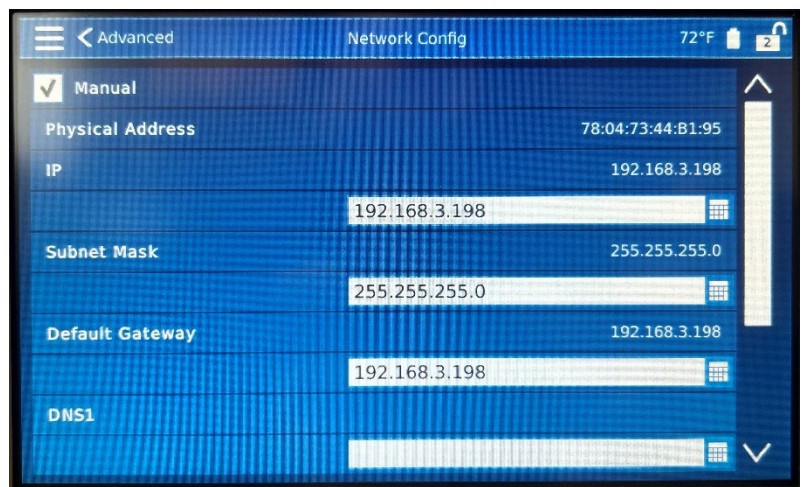
Once you have the password, tap on the  icon from the home screen to access the password entry screen. Once you have entered the password, the icon will appear green and unlocked  allowing you to navigate to and modify the network parameters.

Menu Path- Settings > Advanced > Network Config

Be sure to check ☒ the **Manual Addressing** field in the network configuration settings while entering the IP Addresses. If equipped, remove the check ☐ from the **Wireless Networking** selection.

After indicating your selection for the Manual Address field, enter the following three addresses in their respective location on the screen:

IP Address-	192.168.003.198
Subnet Mask-	255.255.255.000
Default Gateway	192.168.003.198



Next, we will need to verify connection from the FCJC to the Main Fire Pump Controller. This is done by ethernet cable connection and can be connected at two locations on the Main Controller.

The connection to the FireConnect Jockey Controller is covered in the next section. Power cycling the controllers after completing all action items is required!

Option-1 – Connection to the outside of the main controller via an ethernet cable on equipped models.

Option-2 – Connect directly to the back of the HMI panel interface for an internal conduit connection.



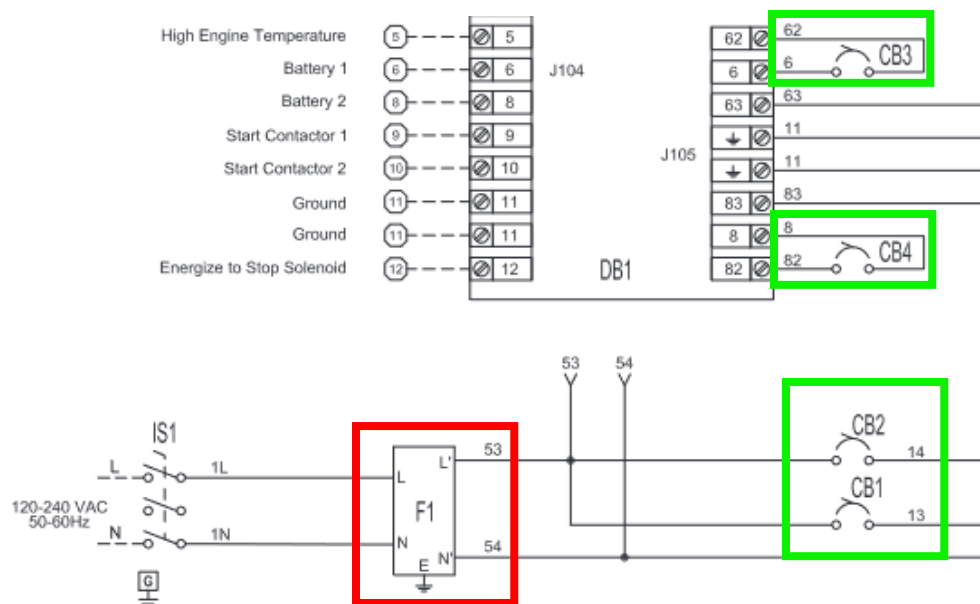
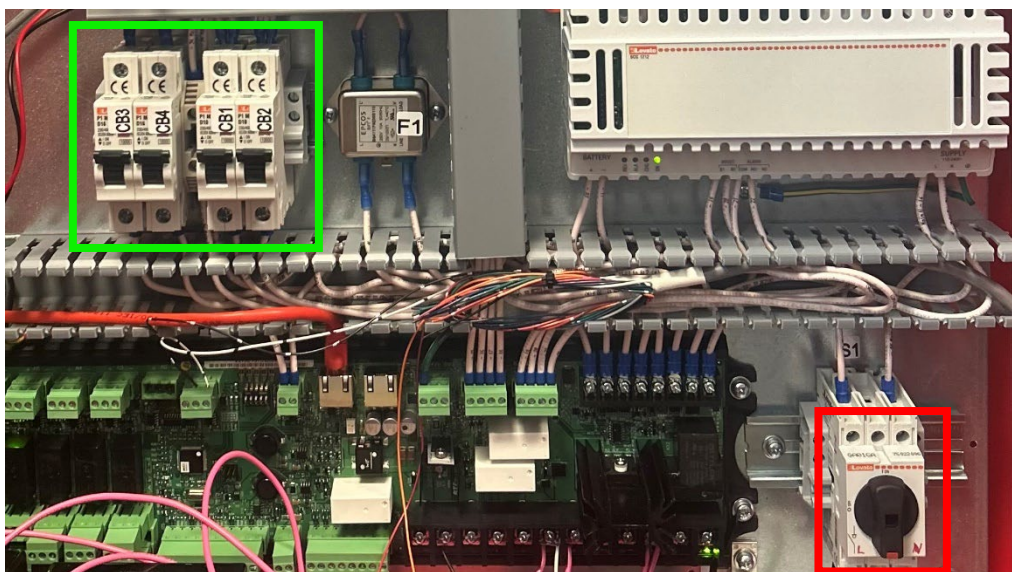
Diesel Specific Controllers

It is important to note, Diesel Controllers will require the circuit to be broken from the 12-24VDC engine batteries to the HMI panel in order to perform a proper ON/OFF/ON Power Cycle. This is because the panel interface operates on the 12-24VDC source voltage supplied by the batteries.

This action can be performed by cycling off all the Circuit Breakers, typically labeled CB1-CB4, in addition to the Isolation Switch, typically labeled IS1m. This completely disconnects the circuit between the batteries, the chargers, and all terminal connections inside the controller.

All Breakers and Isolation Switches should be located and verified according to the respective manufacturer's installation and operation manuals, and in combination with the controller schematic.

Sample images from the controller and schematics have been provided but are subject to change based on model and options.



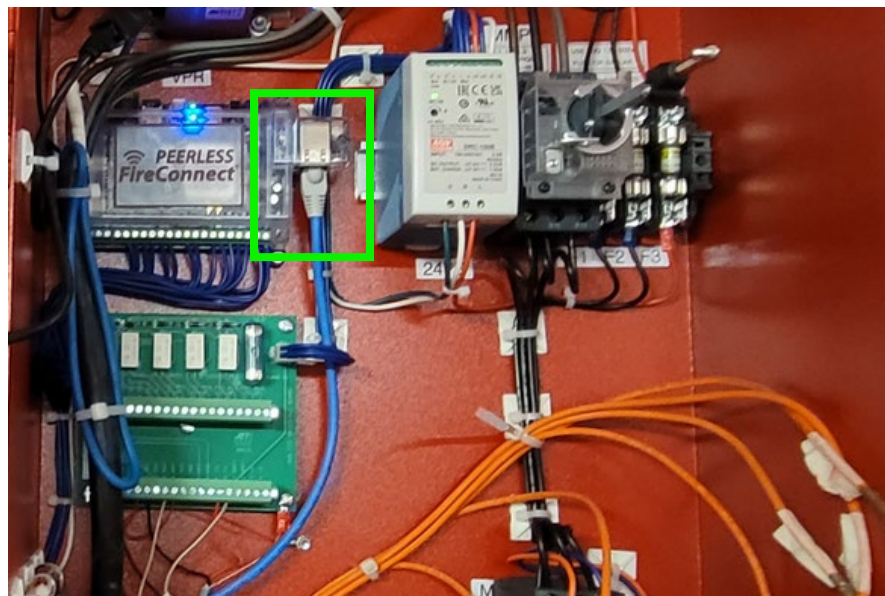
Setting up the Jockey Controller; FireConnect Jockey Controller

To enter or change these settings, you will need to hold down the **"HOME"** and **"NEXT"** buttons for approximately 3-5 seconds at the same time. You will then see a menu option to change the Baud rate. Please confirm, or change the Baud rate to the following setting:

Baud Rate- 19,200



For the Ethernet Communications connection to the FireConnect Jockey Controller, from the Main Fire Pump Controller, it will require the ethernet cable coming from the Main Controller to be connected to the ethernet port on the side of the FireConnect Gateway, inside the FireConnect Jockey Controller, as shown in the image below



The only remaining step is to now **POWER CYCLE** both the **Main Fire Pump Controller** and the **FireConnect Jockey Controller** to ensure all network changes have been forced into place.