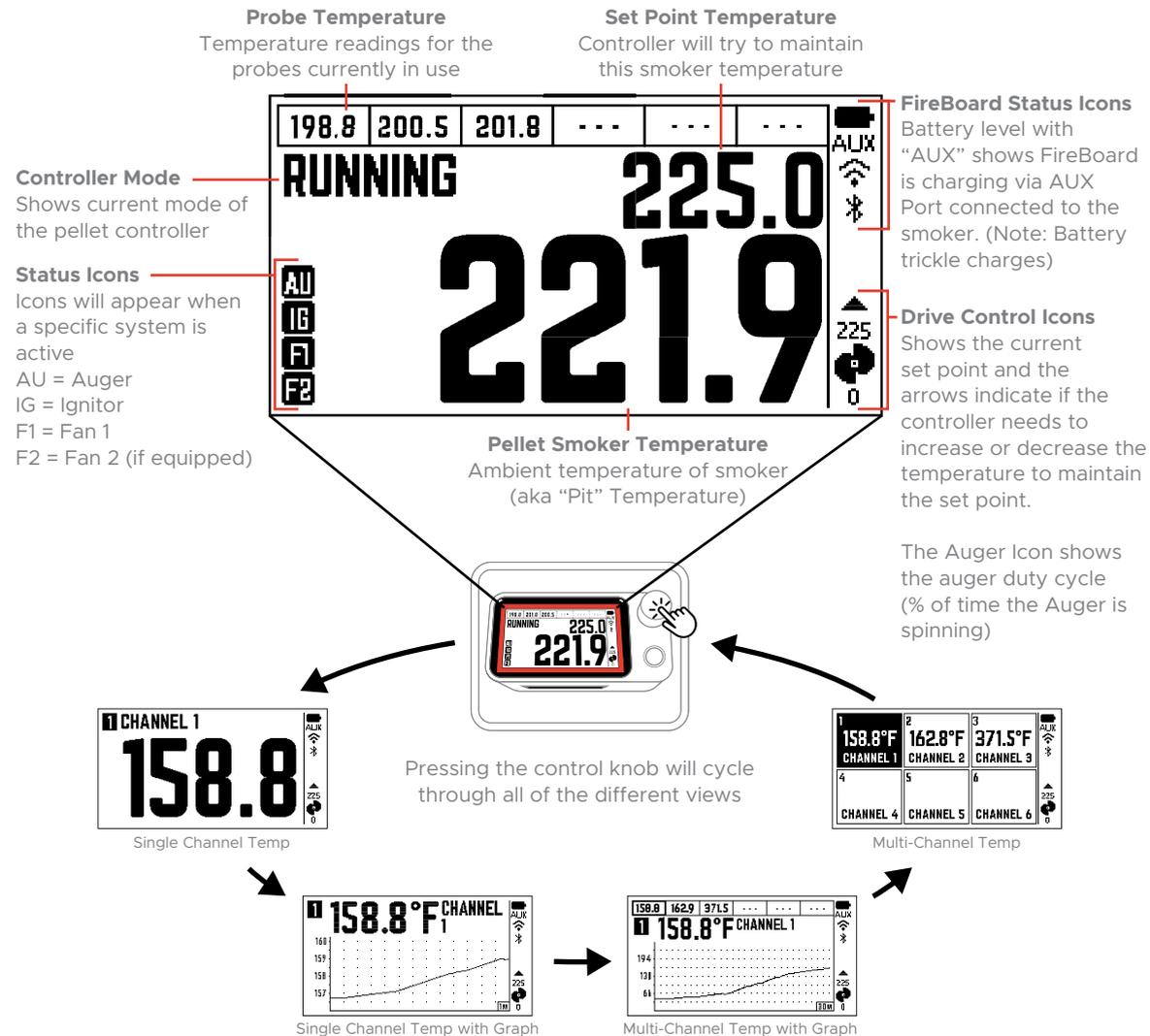


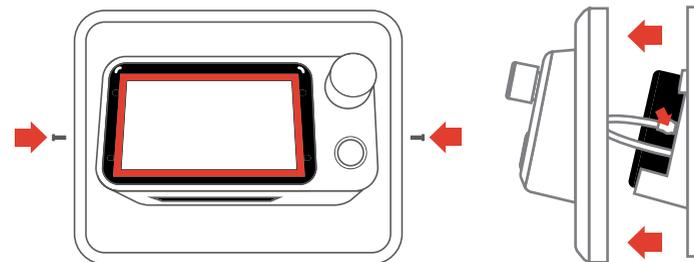
## Using the Controller's Pellet View

The Pellet View provides all the information you need to run the pellet controller. Pressing the control knob will cycle through the FireBoard's other screen views.



## Removing the FireBoard from the controller

The FireBoard unit can be removed and used separately. When removing, please make sure Pellet Controller is powered off. To remove, follow these simple steps:



Remove security screws from the side of controller if installed. Then gently pull off controller face and unplug cable from FireBoard's aux port. Remove FireBoard unit and replace controller face.

### Additional Support & Technical Information

Please visit our support page at [www.fireboard.com/support](http://www.fireboard.com/support) or check out our Knowledge Base at [docs.fireboard.io](http://docs.fireboard.io) for more information.

Customer Service can be reached at (816) 945-2232 or questions can be emailed to [support@fireboard.com](mailto:support@fireboard.com)

The FireBoard 2 Series Thermometers utilize "10K Thermistors", "100K Thermistors", "RTD PT-100" and "Type-K Thermocouple" type temperature probes. Specific ratings and specifications for FireBoard Temperature Probes can be found online at: [fireboard.com/probes](http://fireboard.com/probes)

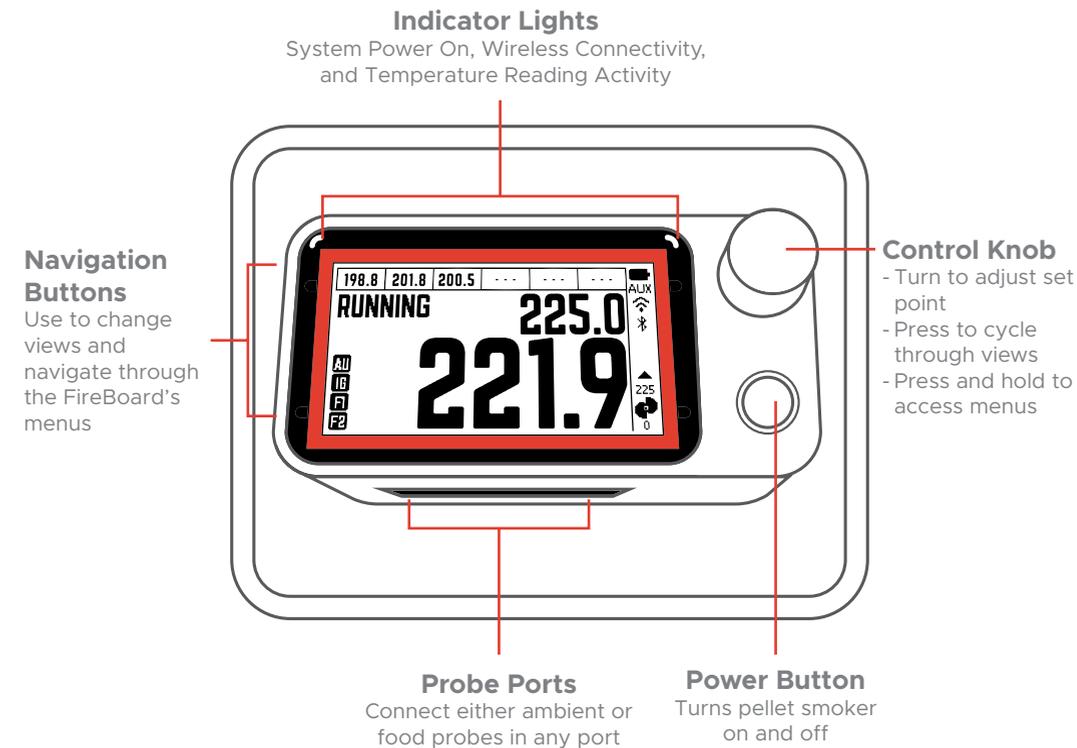
Your FireBoard thermometer has been designed, engineered, and calibrated to provide precise and accurate temperature readings. Should you encounter any technical problems with your device, please contact us at [support@fireboard.com](mailto:support@fireboard.com) and we will work with you to find a solution.

A Note about Bluetooth and Wireless Connectivity:

The FireBoard utilizes a Bluetooth 4.0 (BLE) connection (connected to a mobile device) and wireless (WiFi) to communicate with the FireBoard servers. Several key features pertaining to these connections are:

- Traditional Bluetooth "pairing" is not necessary with BLE connections.
- The BLE connection is used to discover FireBoard devices and initially to setup WiFi.
- The FireBoard will also utilize the BLE connection to transmit temperature data to a mobile device in the event the FireBoard is not connected to WiFi.

## FireBoard Pellet Controller Quick Start Guide



FireBoard Labs  
Kansas City, MO  
[info@fireboard.com](mailto:info@fireboard.com)  
816-945-2232

[www.fireboard.com](http://www.fireboard.com)

FireBoard is a trademark of FireBoard Labs, LLC and is registered in the U.S. Apple, the Apple logo, iPad, iPhone and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG Inc.

FireBoard® TM and © 2021 FireBoard Labs, LLC. All rights reserved.

# Connecting Pellet Smoker to the FireBoard App

Turn on pellet smoker by pressing the Power Button below the Control Knob

## 1 Download the FireBoard® App



Our app can be found in the Apple App Store or Google Play under “FireBoard®”. You can then setup a free FireBoard Account via the app.

## 2 Add the FireBoard to your account

After downloading the app, you should be able to add your FireBoard under Settings > Add FireBoard (the app will scan for devices automatically, via Bluetooth). The Serial Number shown in the app should match the Serial Number on the back of the FireBoard.

## 3 Configure your wireless network

In the app, you should now see your FireBoard listed in your devices, and can proceed to edit its settings. Under Device > Manage WiFi, you can enter your Wireless name & password. This can take up to a minute to complete.

# Using the Pellet Controller

Turn on pellet smoker by pressing the Power Button below the Control Knob

## 1 Press the Control Knob to start

You can also turn the control knob before pressing to scroll through different options. Once your selection is on screen, press the control knob to start.

## 2 Setting a Set Point Temperature

Turning the control knob changes the set point temperature. Once you have found your desired temperature, leave it on screen and the pellet controller will start working to reach and maintain the set point temperature.

## 3 Monitor your cook and make any adjustments as needed

Turn the Control Knob to make any adjustments to the set point in the pellet view or use the FireBoard App from virtually anywhere.

**Prime Feature:** Use Prime to turn the auger and advance pellets to the burn pot. This may be necessary if the grill runs out of pellets.

# Using the FireBoard App

Not only does the FireBoard app allow you to monitor and control your pellet grill from virtually anywhere, it creates graphs of your sessions, allows you to add notes and images to your sessions, share your sessions, and look back at previous sessions.

## Dashboard View with Drive Controls

### Set Point Temperature

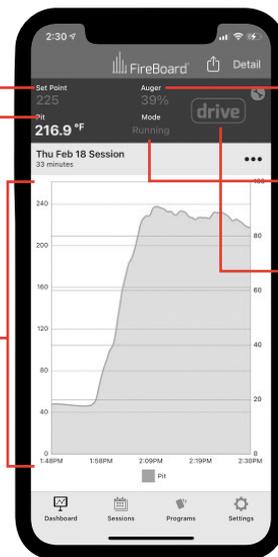
Temperature you set that your smoker will reach and maintain. Simply tap the Set Point to enter a new temperature.

### Pellet Smoker Temperature

Ambient temperature of smoker aka “Pit” temperature.

### Temperature Graph

Shows graphs of all active channels. Tapping a specific part of the graph will allow you to add notes and images.



### Auger Duty Cycle

Shows the percentage of time the auger is spinning.

### Controller Mode

Shows current run mode of the pellet controller.

### Drive View Toggle

Tapping the “drive” logo will change the graph views.

## Setting up alerts

Multiple alerts can be configured for each channel via the Dashboard view. Just tap the channel you wish to configure. Multiple phone numbers and emails can be added for notifications. The alerts have the following parameters:

|  |   |  |  |
|--|---|--|--|
| <b>Max/Min Temp</b>                            | Thresholds for alert condition (one or both can be set).  | <b>Minutes Buffer</b>  | Alerts will not fire unless conditions exist longer than this value. Default value is 0. |
| <b>Email, Text, &amp; In-App Notifications</b> | Toggle your notification preference(s).   | <b>Minutes Repeat</b>  | Specify how often alerts will repeat once alert conditions are triggered.                |
| <b>Custom Start/End Times</b>                  | Define when alerts are active (alerts will fire only inside of this time window). By default, this window is all day. | <b>Don't forget to add your Email, Text and In-App Notifications preferences in your account settings.</b> |  |

## FireBoard Drive Programs

Drive Programs take the FireBoard’s functionality to the next level by smartly managing a temperature profile throughout a session. Basically, programs are a series of steps that tell the FireBoard what temperature to maintain and for how long, based on temperature, time, or both. All steps require a set point temperature to be entered.

### Creating a Drive Program

Open the Programs Tab and tap Add Drive Program. As a shortcut, we provide quick links to start a program based on time, temperature, or custom criteria. Your choice will preload default values into your program, but these can be changed and modified at any time.

**Temperature Based Steps** - Setting a target temperature value for a step will tell the FireBoard to maintain the set point until the temperature of the selected channel reaches the value set.

**Time Based Steps** - Setting a time (duration) value for a step will tell the FireBoard to maintain the set point temperature until the specified amount of time has passed.

**Combining Temperature & Time Into One Step** - A step can have both a target temperature and duration; the first of the two conditions to be met will complete the step.

**Hold Steps** - By default, a Hold step is added to the end of created programs. This is intended to bring the set point temperature down to a reasonable temperature for holding meat after a cook. These steps can be removed if desired. To add a Hold step, simply toggle the Hold selector at the bottom of the last step in your program and enter a temperature.

### Example of a Custom Drive Program

#### Step 1: 225 for 20 minutes

This time based step will maintain a setpoint temperature of 225°F for 20 minutes before moving to the next step.

#### Step 2: 325 until target temp is 165

This temperature based step will increase the setpoint temperature to 325°F until the target temperature is 165°F

#### Step 3: Hold at 180

This hold step is added to the last step of your program.

The example graph on the right shows what the program will look like on the dashboard.

