

Sweet Maria's Bullet R1 Tip Sheet v1.0

Change roasting presets (in OFF mode):

Use the **F1 button** to scroll through roasting presets and update settings.

- **CEL/FAR** = Unit of temperature displayed on LED ("Celcius" or "Fahrenheit") - update this setting using the **A button**
- **SOU** = Alert volume for notifications - update this setting using the **A button**
- **DRU** = Default drum speed when starting Roast Mode - update this setting using the **H/C 2 buttons**
- **Pro** = Default heat set point when starting Roast mode - update this setting using the **H/C 1 buttons**
- **PH** = Pre-heat temperature set point - the **H/C 1 buttons** changes the charge temp in 9F/5C increments

If the roaster doesn't automatically enter Roast Mode when dropping a batch, hit the PRS button to start roasting.

DON'T HIT PRS WHEN "ROASTER UNATTENDED" ALARM GOES OFF! Any other button will silence the alarm, but PRS will put you in COOL mode.

Accidentally hit COOL before your roast is finished? No problem! Just hit the PRS button until you're back in Roast Mode.

Back to Back Roasting

Roast and cool at the same time by using the **Bac** function

- After dropping your roast batch, hit the **F1** button.
- The **Time/Info** display will show **bAC**, hit the **PRS** button to start the preheat cycle ("PH") and continue cooling your previous roast batch.
- You can now drop your next roast batch, or wait for the roaster to hit the preheat temp preset first.
- Once the previous batch is cool, hit the **F2** button to toggle to the Cooling Fan speed ("C") and use the **H/C 2** buttons to dial down to 0 to turn it off.
- Continue with your current roast batch as normal.

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Drum Temp (DT) display

- Displays rate of rise (ROR) up or down measured in degrees per minute. You can select for Celcius or Fahrenheit.
- Only shows the IBTS probe temperature reading during roaster warmup.

A button

- toggles through presets when in OFF mode
- switch from IBTS to bean probe on Bean Temp display

B button

has no function at this time

HEAT/COOL LED

displays current Power setting from P1 to P9

H/C 1 button

- change heat settings during roasting from P1 to P9
- changes the default Heat (Pro) and Pre-heat (PH) temperature set points in Off mode

BEAN TEMP display

- Registers the drum probe temperature readings during roasting.
- Displays roast presets when updating the settings in OFF mode.

Time/Info display

- Shows which mode the roaster is in (**PRS** button changes mode).
- Starts an ascending roast timer when in Roast mode.

PRS button

Use to engage the different roasting modes.

- **PH** = preheat mode to warm up the roaster
- **CHAR** = charge your batch and start roasting
- **COOL** = engages cooling tray fan for cooling coffee
- **SHUD** = shuts the roaster down

FAN SPEED LED

displays Fan speeds or Drum RPM that can be adjusted using the **H/C 2** buttons

- **"F"** = Exhaust Fan speed
- **"D"** = Drum RPM
- **"C"** = Cooling Fan speed (when in Cool mode)

H/C 2 button

use in conjunction with the **F2** button to increase or decrease Fan speeds and Drum RPM

F1 button

- use to change heat settings when roasting manually
- use to enter Back to Back Roasting mode (bAC) after dropping a roast batch and engaging the Cool mode

F2 button

toggles between the Exhaust Fan (F), Drum RPM (D), and Cooling Fan (C) when in Cool mode on the **FAN SPEED LED** display - adjust using **H/C 2** buttons

Cleaning Basics:

- **Cleaning between roast batches** isn't generally necessary for most wet process coffees. But when roasting dry process or honey process coffees, you may need to vacuum the chaff collector and cooling box filter in between batches because of the excessive chaff they produce.
- **Between each roasting session** vacuum out the chaff collector, clean the filter basket, and vacuum the cooling box filter.
- **Every 30kg or so**, the chaff filter basket and cooling box filter should be removed and cleaned with a mild soap or detergent. Make sure they are completely dry before firing up your roaster. **See p. 27 of the manual for the more in depth cleaning schedule.**

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Sweet Maria's Roast Time Tips v1.0

Roast History:

A list of all your roasts where you can view past graphs, save to your Recipe List, and replay your roasts.

Active Roast:

Takes you back to your current roast if you navigate away from the graph screen.

Recipe List:

Only the roasts you've saved are stored here and can be played back for automated roasting.

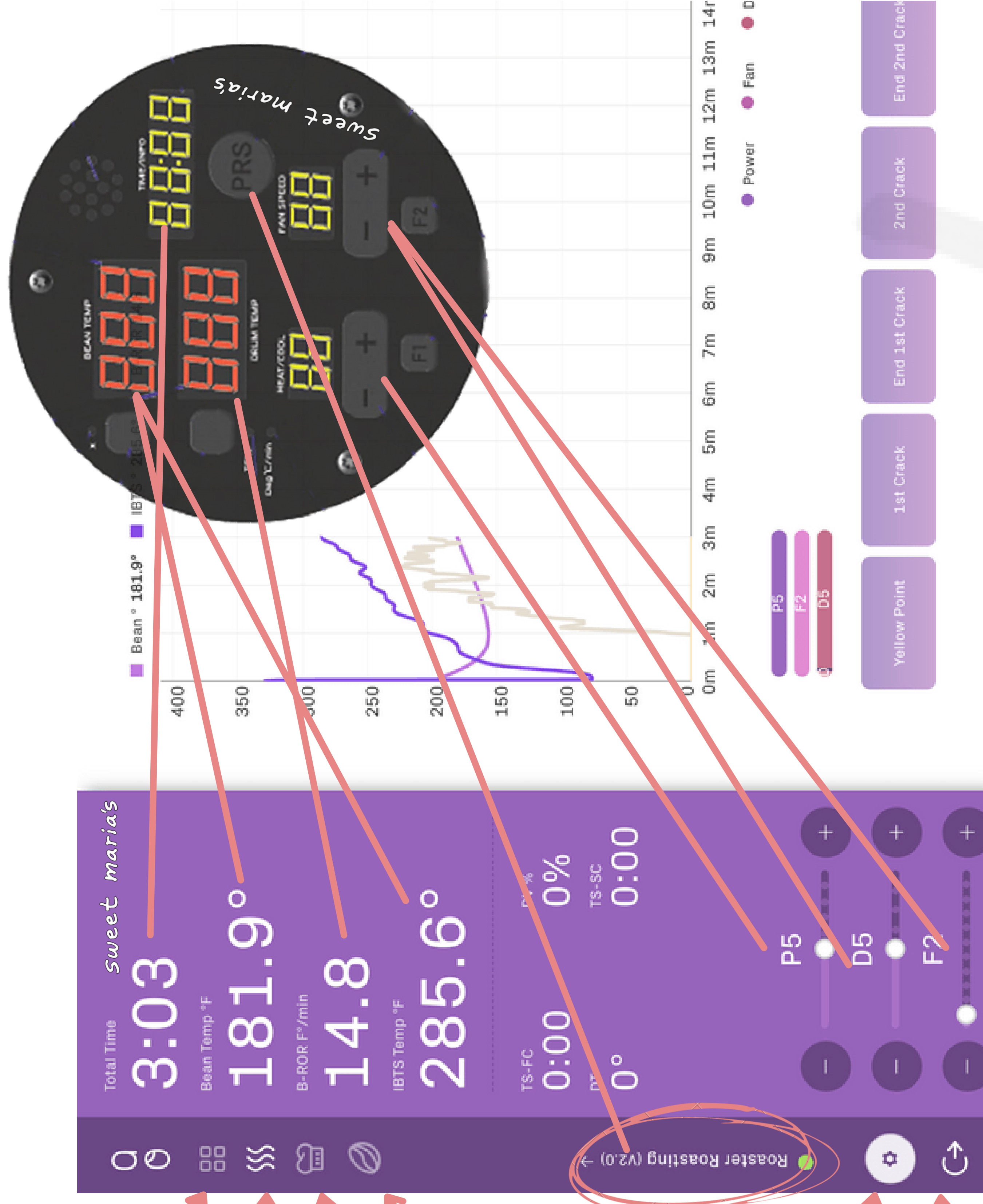
Bean Management:

The list of coffee beans you've logged in your "My Beans" list in Roast World. You will need to be logged in for this list to sync with your Roast World profile.

Settings:

Click this button to update Firmware/Software, change password, and update the roasting display configurations

Log Out:





Using the Roast Time utility allows you to control your Bullet R1 via a graphic user interface (GUI). Here is a quick cheat sheet showing which functions on your Roast Time GUI line up with the manual buttons on the physical control panel.


Access the Roast Time settings by selecting the gear icon  at bottom left of the screen. Here you can:

- **Check that your firmware is up to date** by selecting *Firmware/Software*, and *check for update*.
- **Update your password** by selecting *User*.
- **Change the look** of the Roast Time GUI like UI Mode and graph colors under *Theme*.
- **Configure temperature** unit of measurement (F/C), probe reporting and more under *Roast Config*.

Save a roast profile so that you can share with others, view for comparison, or recall for Play Back (see below).

- Access your Roast History  list to select the roast that you wish to save.
- Click on the Create Recipe icon  to the right of the roast you're wanting to save.
- In the view that opens you can edit the roast name, view the roast timeline, select the trigger type for roast playback, and more. Press the Save button in the top right corner to save your recipe.

Play Back function allows for automated roasting based off a previous profile in your *Recipe List* 

- From the list, select the play button  at the right hand side of the screen. This will load the profile for Play Back.
- After the roaster is warmed up and ready to charge, drop your roast batch like normal, and the Bullet will automatically make changes based on the profile loaded. You will remain in the automated Play Back mode until you select *Cancel Playback* at the bottom right of the Active Roast view 