

# iWavit Grill User Manual

## **BLUETOOTH<sup>®</sup> Smart Food Thermometer**



**IMPORTANT NOTE:** This app requires the **Bluetooth<sup>®</sup> Smart iWavit Blast!** hardware accessory. It will not work without it! See [www.iwavit.com](http://www.iwavit.com) for details. If you have any support questions please contact [support@thinkoptics.com](mailto:support@thinkoptics.com)

# INTRODUCTION

Congratulations on your *iWavit Blast!* purchase. (If you have NOT purchased the hardware accessory yet, then you can do it at [www.thinkoptics.com](http://www.thinkoptics.com) or [www.Amazon.com](http://www.Amazon.com)).

The **iWavit Grill** app together with the *iWavit Blast!* and Thermometer Probe will turn your *Bluetooth Smart* iDevice into a wireless food thermometer. You can use it with any iDevice with Bluetooth 4.0 wireless technology, including



the iPhone 4S, iPhone 5, iPad (3<sup>rd</sup> and 4<sup>th</sup> generation) and iPod Touch (5<sup>th</sup> gen), and iPad mini.

## SET-UP

[\(TOP\)](#)

So how does it work? It really is quite straightforward. Start by plugging the iWavit thermometer probe into the iWavit.



Do not use any other brand of thermometer probe as it will not work and it may damage your iWavit.

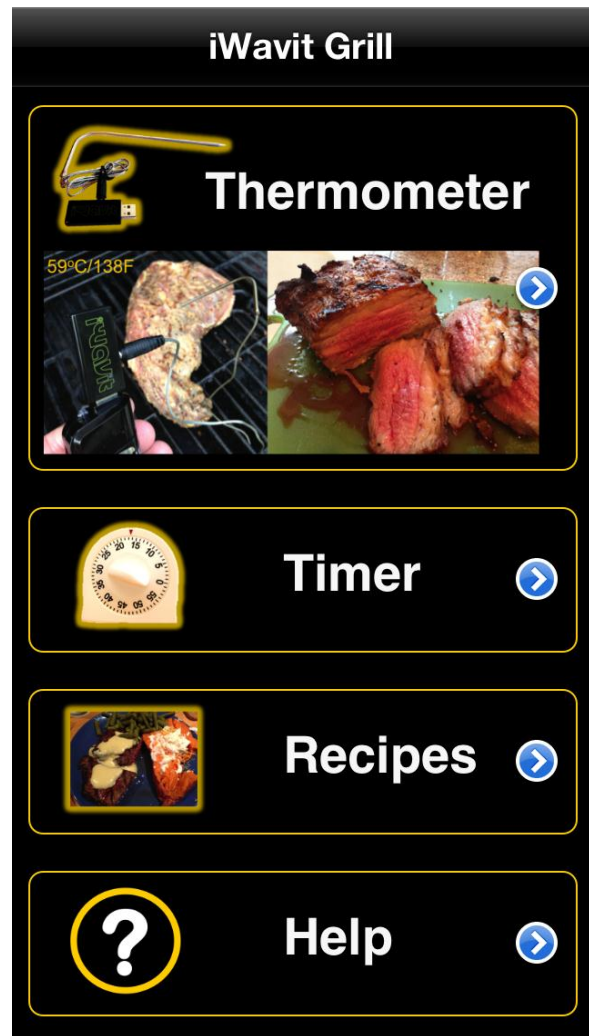


The second step is to power it up. Plug the *iWavit Blast!* into any powered USB port. For grilling we recommend



using the iWavit USB “Emergency Charger”, but you can also use a USB Power adaptor (both depicted here) or a PC. Your hardware is now ready.

Now launch the iWavit Grill app, and you will see a start screen that looks like this on the right. On this screen you can select the Thermometer, Timer, Online Recipes, and Help screens.



## **THERMOMETER [\(TOP\)](#)**

When you launch the Thermometer screen the iPhone will immediately start its Bluetooth radio scanning for any iWavit Blast hardware with RF range. The RF range is about 300 ft, but this may differ depending on obstacles or RF interference. If you do not see a connection within 5 seconds, then make sure your iPhone has the Bluetooth turned on by going to the iPhone Settings app.



You should now see a screen with the temperature in the middle, presumably close to room temperature. If the reading is not room temperature, make sure that the iWavit temperature plug is plugged in all the way until you hear a “snap”.

You can switch between Celsius and Fahrenheit by selecting the C/F button. The temperature should update about 10 times/second.

### ***Measuring the food temperature:***

Insert the temperature probe into your food. Find the thickest part of your food and stay away from any bones if you can. You can leave the probe inside your food during cooking/grilling if you want to be able to track the temperature over time or if you want to be able to use the alarm feature.

### ***Changing the RF connection:***

At the bottom of the screen there is a *Bluetooth* RF connection selector. Press the “OFF” to turn off the connection. If you want to connect to the nearest *iWavit Blast!* then tap “NEAREST”. If you want to connect to the *iWavit Blast!* that you most recently were connected to, then tap the “RECENT”

### ***Setting the temperature alarm:***

If you are using this as a food thermometer, you may want to set an alarm so as to be alerted when your food reaches this target-temperature.

To set the alarm place your finger on the red alarm arrow to the left and drag it to the desired target-temperature. As you drag your finger up and down you will see that certain temperatures are described in more detail in the top Alarm

box. For example, drag the temperature to near 132F/56C and the alarm description will show the additional “Beef Medium Rare”.

The alarm has now been set and you should be alerted when the food is ready.

**NOTE:** Keep an eye on your food anyway! Sometimes a grill may flare up due to grease droppings. Also, the RF connection may be lost or the iPhone may run out of battery. It is not safe to leave food unattended whatever technology you use.

Once you set the alarm, the *iWavit Blast!* will send an alert to your iPhone when the temperature has been reached, *even if* you have exited the iWavit Grill app.

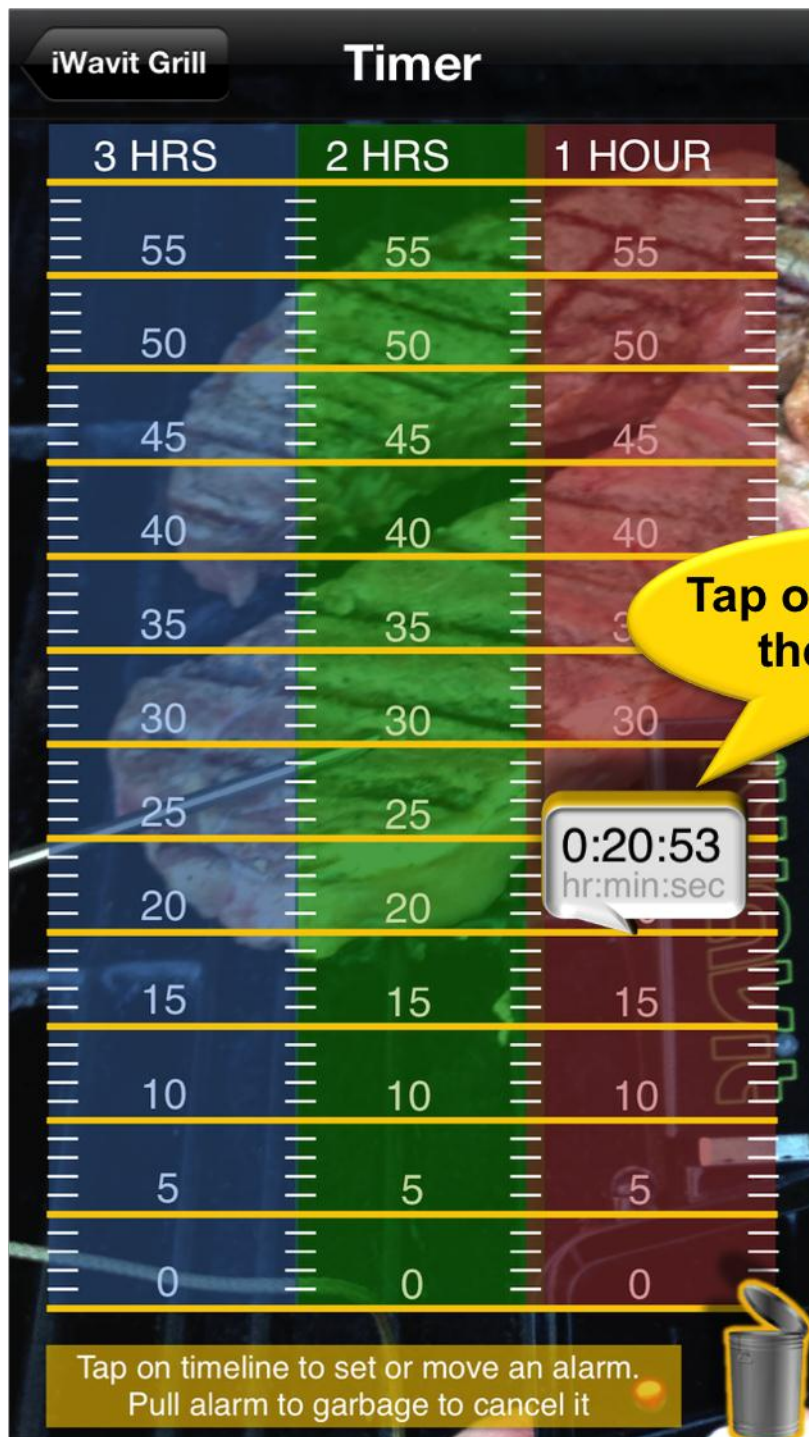
When you want to turn an alarm off, simply drag the red alarm arrow up above the current temperature.

## TIMER

[\(TOP\)](#)

From the main menu you can also select to go to the “Timer”. On this screen you can set a food timer.





This screen shows a timeline. The upper left is equivalent to 3 hrs and the lower right is 0 minutes. To set an alarm you just tap the appropriate time location on the screen. For example, if you want to set the timer to 2hrs 30min then tap the screen half-way up the blue timeline on the left. To set it to 20 minutes, tap the 20 minutes mark on the red



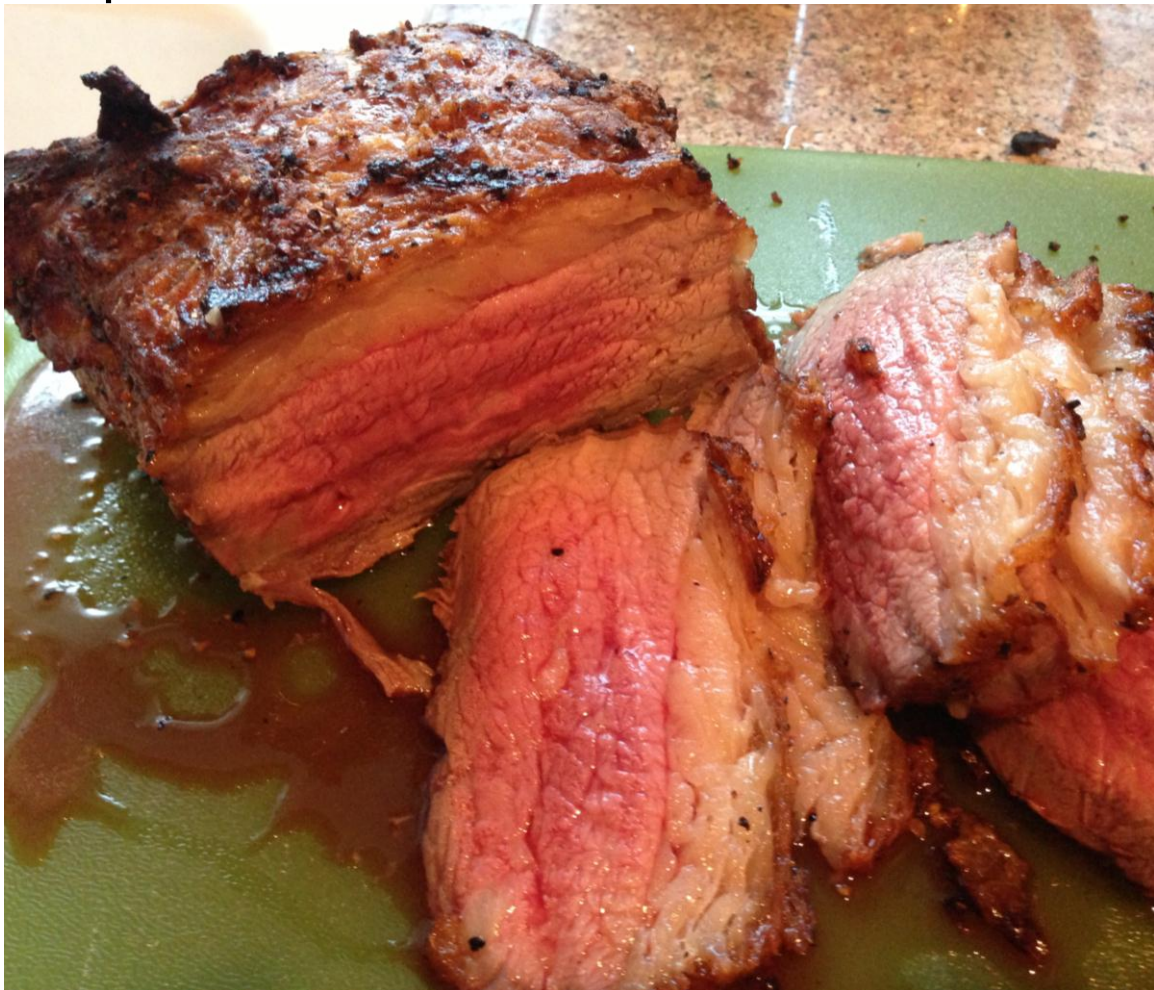
timeline. You can adjust the timer by dragging it to anywhere on the screen.

To erase an alarm, just drag it to the garbage in the lower right of the screen.

After you set an alarm you will be alerted when the count-down has completed, even if you have exited the app.

That's it. Enjoy.

Oh, and if you want your Tri-Tip Roast to look like this, then set the temperature to 59C/138F.



For a succulent chicken set the alarm temperature to about 78C/172F. Here we have propped the chicken on an opened beer can.



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