

## Installing the BlueTipz Mobile App

The BlueTipz Mobile App is a free download, and it's available on the Google Play Store, as well as the Apple App Store. Search **BlueTipz**, and the BlueTipz app should pop up. Download, and follow the on screen prompts while installing. Generally speaking, iOS has fewer Settings that need to be allowed/changed in order to allow the BlueTipz app to function properly. If these Settings are not set accordingly, it can result in sub-optimal performance (late alerts, no alerts, no sound, etc.). Rest assured, all of these problems can be taken care of by adjusting Settings. Here are some tips for Android and iOS:

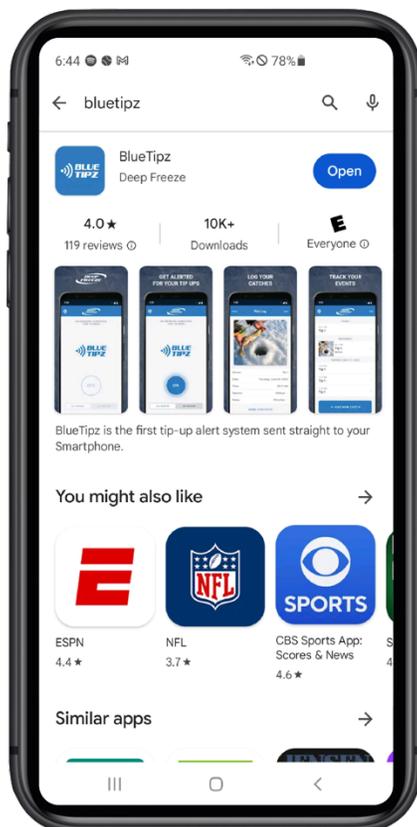
### **Android**

1. During the installation process, follow the on-screen prompts. Make sure battery usage is not optimized. This will allow your phone to consistently listen for BlueTipz devices while it's sleeping.
2. Make sure that Location is enabled as a permission. On some devices, they will ask you to enable this full time (it can also be listed as *Allow only while using the app*). Choose yes; it will allow the app to function properly.
3. Make sure that Notifications are set to Allowed.
4. To find these settings, swipe down from the top of your screen, and click the gear wheel for Settings > Apps > BlueTipz.
5. Location should also be enabled globally. If Location is disabled, this can affect the performance of the BlueTipz app. Swipe down from the top of your home screen on your phone, click the gear wheel for Settings > Location, and make sure it is enabled.
6. And last but not least, make sure Bluetooth is enabled on your phone.

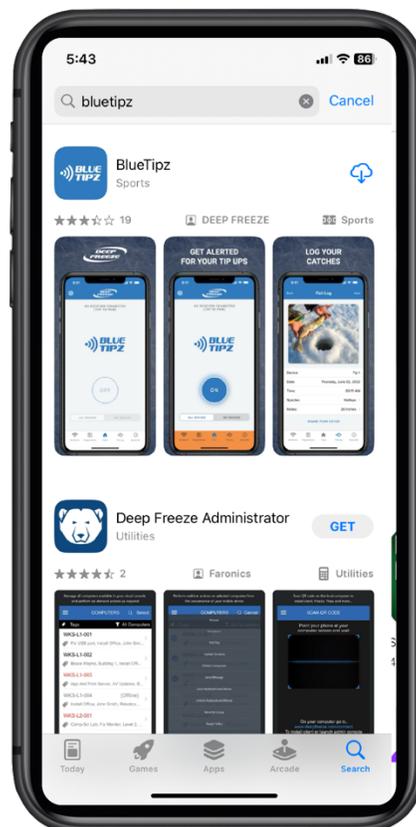
### **iOS**

1. Make sure your phone is **NOT** in Do Not Disturb mode.
2. Make sure Bluetooth is enabled on your phone.

**Google Play Store Search Screen**

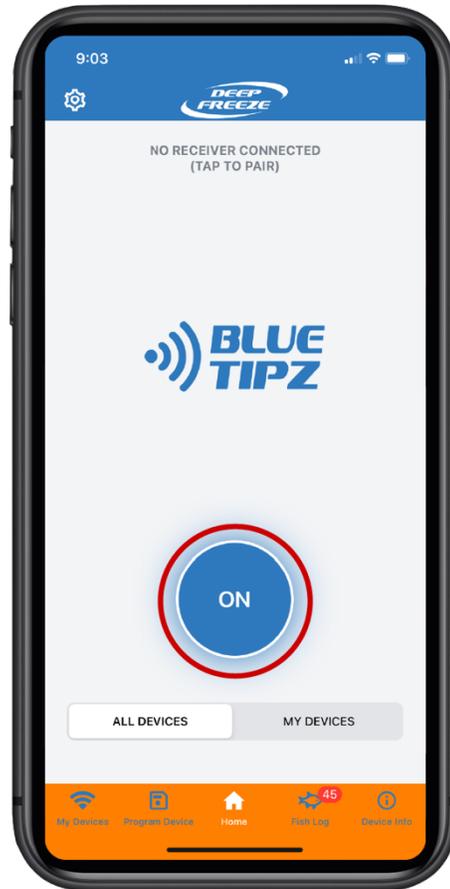
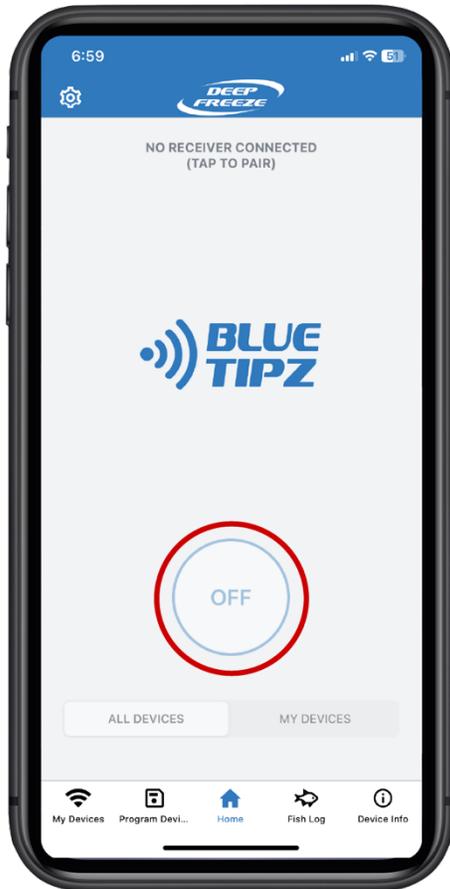


**iOS App Store Search Screen**



## Scanning (the most basic feature in the BlueTipz app)

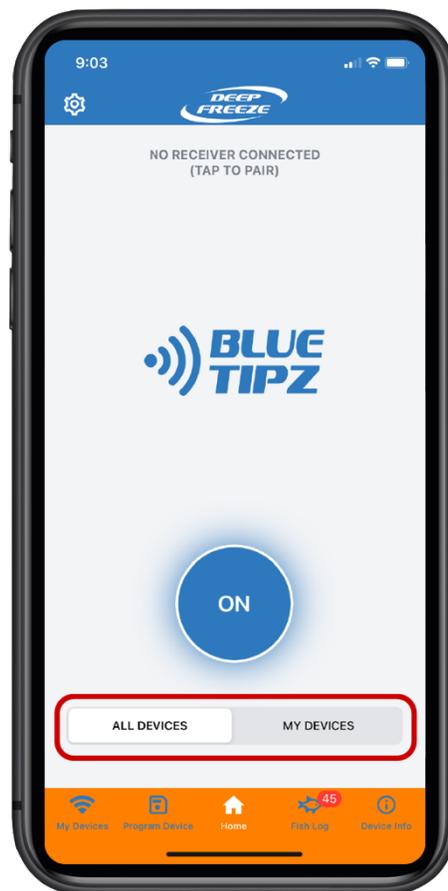
The graphic below shows Scanning turned Off on the left, and On to the right. Simply press the button, and Scanning mode will change from Off to On, or On to Off. While Scanning is turned On, the bottom navigation bar will also change from white to orange, another indication that Scanning is active and turned On. These graphics are shown for iOS, and they will look nearly identical in the Android version.



## Scanning (ALL DEVICES vs. MY DEVICES)

After installing the BlueTipz app and verifying all of the Settings have been adjusted, it's time to test out your BlueTipz. Below the Scanning button, you'll notice an ALL DEVICES and MY DEVICES toggle. Turn on Scanning, make sure the toggle is set to ALL DEVICES, and tip up a BlueTipz Transmitter. Does an alert come through on your phone (written, audible, or both)? If yes, everything is working as it should. If no, tip the Transmitter down for 10 seconds, and then tip it back up. If you're still not getting an alert, there are additional settings that likely need to be adjusted. If your alert came through but it was missing sound, that Setting can be adjusted later.

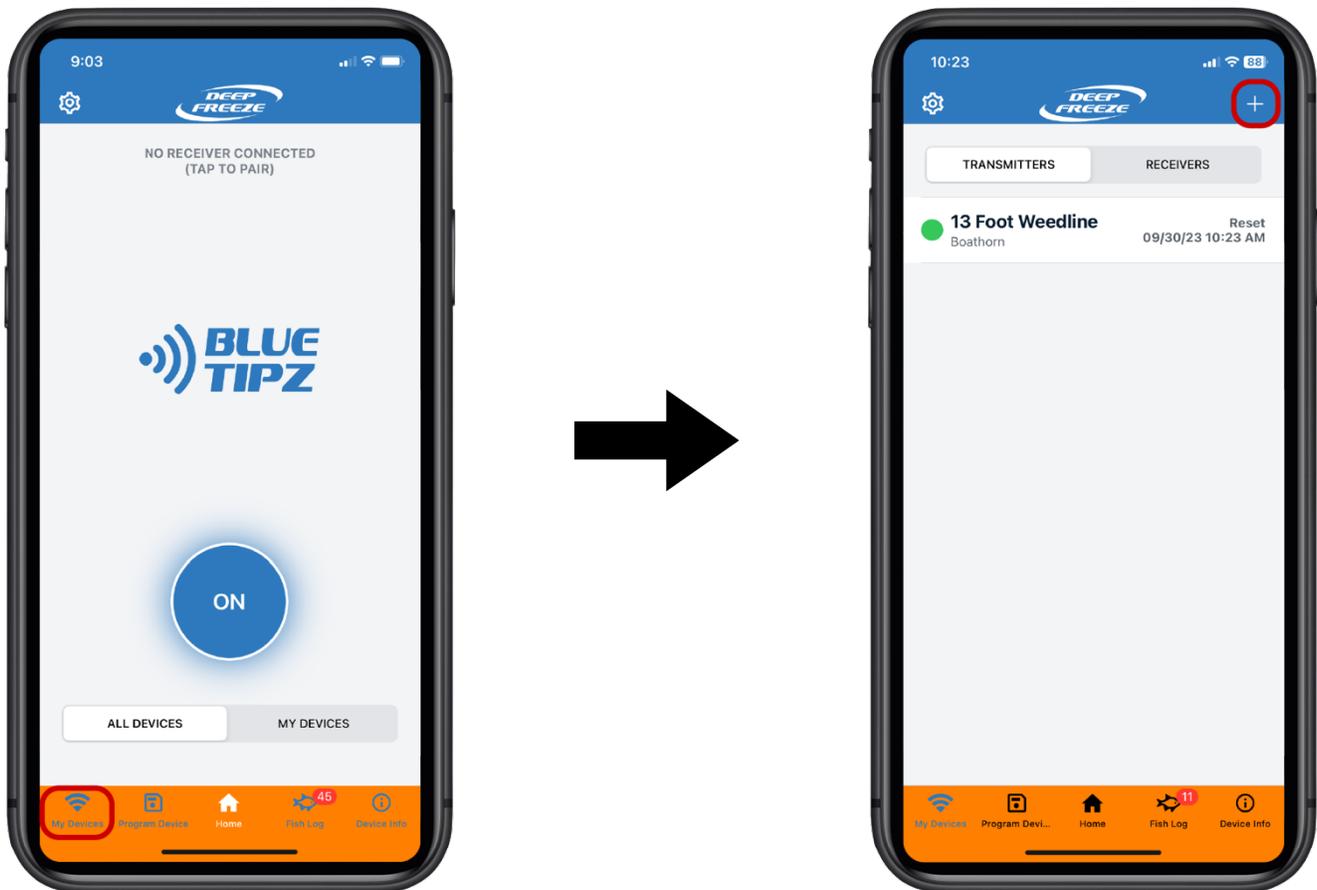
Once the alerts are confirmed to be working, you can then move on to naming your Transmitters, and saving them in the My Devices list. **It should be noted, it is not required to save your Transmitters or Receivers in the My Devices list.** They can simply be used out of the box, and you can Scan for All Devices. However, if you'd like to name your Transmitters, and filter out other BlueTipz that may be within range, this is the way to do it. This is a very popular use-case for "wheel house communities" that are set up in close proximity to one another. In this case, if you're Scanning for All Devices, your phone will receive notifications for any BlueTipz Transmitter if it's within range of your phone. Of course, this is why some users choose to only listen for My Devices.



## Saving a Transmitter or Receiver in the My Devices List

As discussed earlier, if you'd like the BlueTipz app to only alert for your Transmitters, the My Devices list is what you're looking for. You must save your **Transmitter** as a My Device if you'd like to use this method of filtering. There is also an option to save your **Receiver** as a My Device. The **Receiver** list is more for place keeping purposes. If an unsaved **Transmitter** flows through a saved **Receiver**, and you're scanning for only My Devices, your phone will not alert. The **Transmitter** needs to be saved as a My Device if you're looking to get a notification while scanning for only My Devices. Conversely, as long as your **Transmitter** is saved as a My Device, there is no need to save your **Receiver** as a My Device. A saved **Transmitter** can still flow through an un-saved **Receiver**.

In order to add to the My Devices list, click the My Devices tab on the left side of the bottom navigation bar. On the next screen, in the upper right corner, there will be a + symbol. Click the +, and follow the on screen prompts to add to the My Devices list. It should be noted, in order to add a **Receiver** to this list, it must be a MAX version from 2021 or after.



On the screen to the right, **13 Foot Weedline** is the name of the saved Transmitter. **Boathorn** is the name of the Tone (Tones are discussed in the Settings section). **Reset** is the current state of the BlueTipz Transmitter (states are discussed in the Status Monitoring section).

## Status Monitoring

2020 MAX Transmitters and beyond have a feature called Status Monitoring (2019 FLEX can also be upgraded, email [Info@DeepFreezeFishing.com](mailto:Info@DeepFreezeFishing.com) if you'd like to upgrade). In other words, if your Transmitter has a clear enclosure, there's a good chance it's using Status Monitoring. If your Transmitter is blue, it is not capable of using Status Monitoring. In order to view the **State** of a Transmitter, you must have it saved as a My Device. Navigate to the My Devices page through the bottom navigation bar. In the image below, you'll notice on the right side of the screen **Reset** and **09/30/23 10:23 AM**. Reset is 1 of the 4 **States** that is reported through Status Monitoring. The 4 **States** and their definitions are:

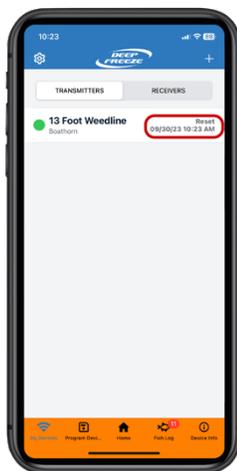
**Turned On:** After your Transmitter has been powered on, it will show up as **Turned On**. This is useful for ensuring you actually have your Transmitter powered on. Let's say you set up your tip up, walk back to your shack, and you're unsure of whether or not your BlueTipz Transmitter is turned on. This is the place to check it.

**Turned Off:** After your Transmitter has been powered off, it will show up as **Turned Off**. This is useful for ensuring you actually powered your Transmitter off. After you're done fishing and have packed up for the day, this is the place to check whether or not you have powered down your Transmitter.

**Tip Up:** When a Transmitter is blinking/activated and Scanning is On, it will show up as **Tip Up** in the My Devices list. This is the state you will see least often since this state is only true while the Transmitter is blinking.

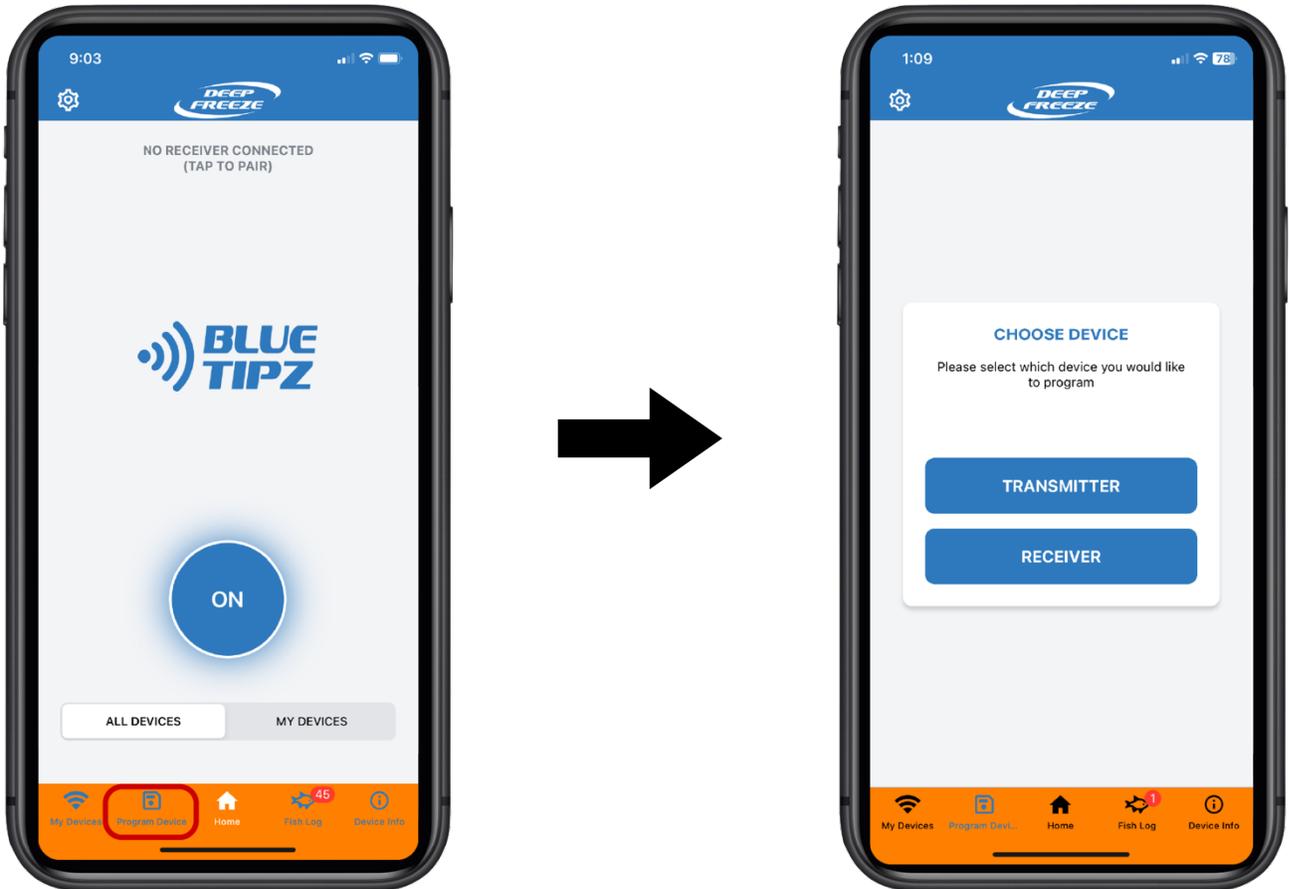
**Reset:** When a Transmitter goes from a blinking/activated to not blinking, it has been **Reset**. When tending to a tip up, many users pull the entire tip up out of the water and lay it on its side. The Transmitter is still powered on in this scenario. After the fish has been fought, the tip up goes back in the hole, and the flag is reset to the horizontal position. At this point, the Transmitter would enter the **Reset** state.

Let's run through this scenario. 1. The tip up is in the down position after it has been powered on. The state will read **Turned On** if it was freshly turned on while in the down position, or **Reset** if the user chose to first power on the Transmitter, and then tip it down into the set position. 2. The tip up tips up. The state will read **Tip Up**. 3. The tip up is thrown off to the side while the user tends to the flag. The state will read **Reset**. 4. The tip up is placed back in the hole, and the flag is briefly pointing up. The state would then read **Tip Up** again if the app is still Scanning. If it's desired to remove this occurrence from the Fish Log, that can easily be done since it wasn't actually a fish. 5. The tip up is placed back in the set, horizontal position. The state will now be **Reset**. 6. The tip up is picked up for the day, and the Transmitter is powered off. The state will now be **Turned Off**.



## Program Device

There are various Settings that can be changed on your BlueTipz Transmitter or Receiver. It should be noted, these Settings **do not** need to be changed if you're using your BlueTipz on a standard tip up. To Program a Transmitter or Receiver, click on the **Program Device** button in the bottom navigation bar. After clicking the **Program Device** button, follow the on-screen prompts.



After choosing to Program a Transmitter or Receiver, you will be led to the corresponding screen. Depending on which version of Transmitter or Receiver you have, certain options may or may not be available. We will run through hardware from 2023. If there are certain options you are missing that you'd like to have, the best option would be to upgrade. Please email [Info@DeepFreezeFishing.com](mailto:Info@DeepFreezeFishing.com) with any version questions.

## Programming a Transmitter

Once you have made it to the Program Transmitter screen, you should see something very similar to the images below. We included 2 screenshots as this screen is scrollable, and it doesn't fit onto 1 screen. Here are the definitions of the Settings you can change within the Program Transmitter screen.

**Device Info:** This is the version of Transmitter you are using. In this example, it is a 2022 MAX GOLD. This is our official release for the 2023 season.

**Name:** If your Transmitter is not saved, it will just show up as **Transmitter**. If it is saved, the name you gave it will be listed here. **As discussed earlier, it is not required to save your Transmitters.**

**Tone:** This is the tone you have selected for your Transmitter. If you do not choose a specific tone, the global tone will be used. The global tone is set within the Settings menu of the BlueTipz app.

**LED:** This switch enables/disables the LED. *This is an option that is not available on all versions.*

**LED Color:** This option allows you to change the color of your LED. *This is an option that is not available on all versions.*

**Device Presets:** By default, a Transmitter will be programmed as a Tip Up. **Device Presets** is a quick option that allows a user to change multiple settings on this screen without having to manually change them. Tip Down and Rattle Reel are a few other options that are listed under **Device Presets**.

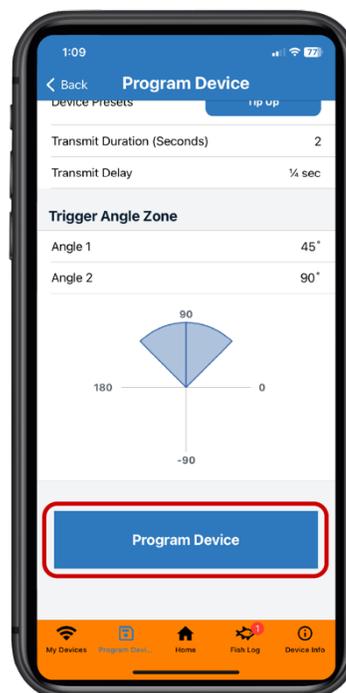
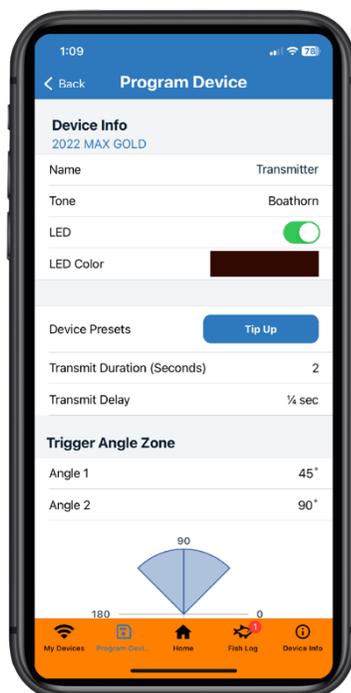
**Transmit Duration:** This is the amount of time the Transmitter will blink/transmit after it has left the Trigger Angle Zone. For instance, once a tip up flag is tipped down, it will continue to blink and transmit for 2 additional seconds.

**Transmit Delay:** This is the amount of time it will take for the Transmitter to start blinking/transmitter after it has entered the Trigger Angle Zone. By default, this is set to ¼ second.

**Long Range:** This is not shown in the example below. This is only for Transmitters produced in 2022 and thereafter. This option will slightly increase range if a Receiver from 2022 or after is being used. If not, there is no need to enable this switch.

**Trigger Angle Zone:** This is the zone in which the Transmitter will blink/transmit. By default, a Transmitter's Trigger Angle Zone is set to 45° for Angle 1 and 90° for Angle 2. It should be noted, this "cone" is mirrored, so the active Trigger Angle Zone is 45° to 135°.

**Program Device:** After all settings have been updated, click the **Program Device** button and follow the on-screen prompts in order to update your Transmitter.



## Programming a Receiver

Once you have made it to the Program Receiver screen, you should see something very similar to the image below. It should be noted, it is only possible to program a Receiver from 2021 or after. These are the Receivers that are translucent/clear in color. **It is not required to program your Receiver.** Here are the definitions of the Settings you can change within the Program Receiver screen.

**Device Info:** This is the version of Receiver you are using. In this example, it is a 2022 MAX. This was our official release for the 2022 season.

**Name:** If your Receiver is not saved, it will just show up as **Receiver**. If it is saved, the name you gave it will be listed here. It is not required to save your Receiver.

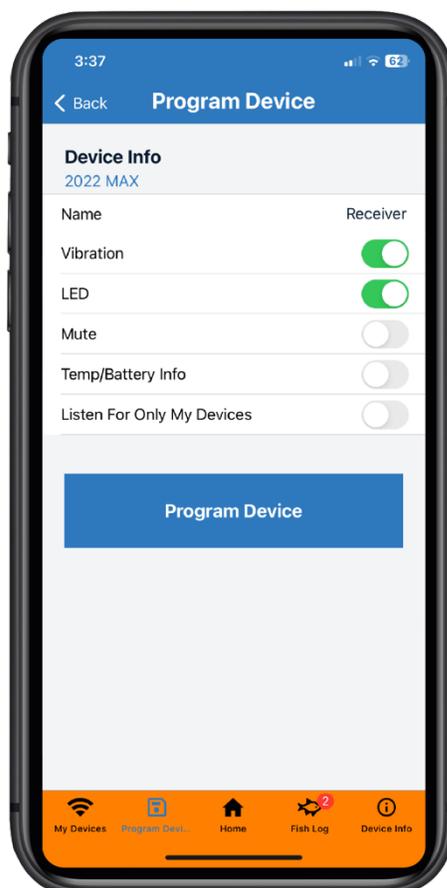
**Vibration:** This switch enables/disables the vibrate function. Out of the box, your Receiver will not contain a vibrator. This is a special purchase. So even if this switch is enabled, your Receiver will not vibrate due to the fact that it doesn't have a vibrator. Contact [Info@DeepFreezeFishing.com](mailto:Info@DeepFreezeFishing.com) if you would like to use the Vibration function.

**LED:** This switch enables/disables the LED.

**Mute:** This switch enables/disables the audible speaker.

**Temp/Battery Info:** This switch enables/disables the reporting of temperature and battery voltage. If this is enabled, your Receiver will report temperature and battery voltage every 15 minutes. In order to view this in the BlueTipz app, your phone must be paired to the Receiver. **It is not required to pair a Receiver.** This is a good way to ensure that your Receiver is still active. If your Receiver is still reporting temperature and battery voltage, we know it is also still listening for Transmitters. If it has dropped offline, there is a good chance the batteries died, or you are out of range from the Receiver. If this switch is not enabled, that is OK. However, in this case, the user would not have a visual indication that the Receiver is still communicating with the BlueTipz app.

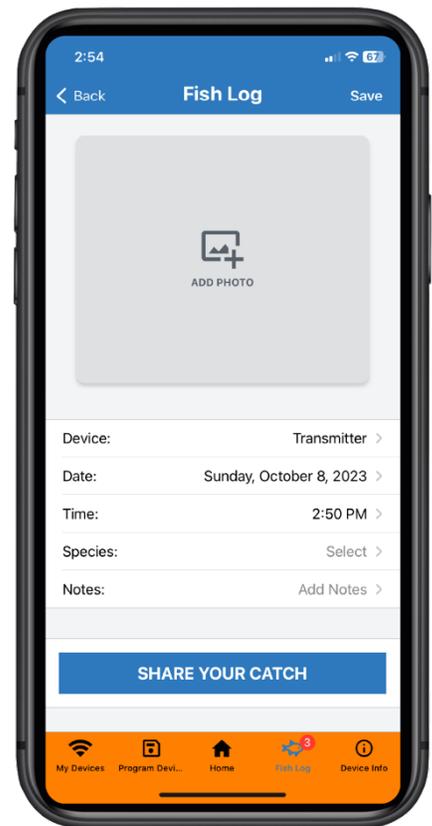
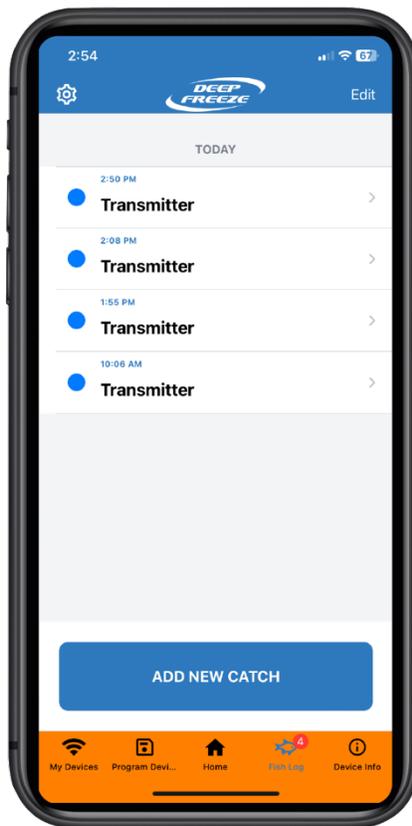
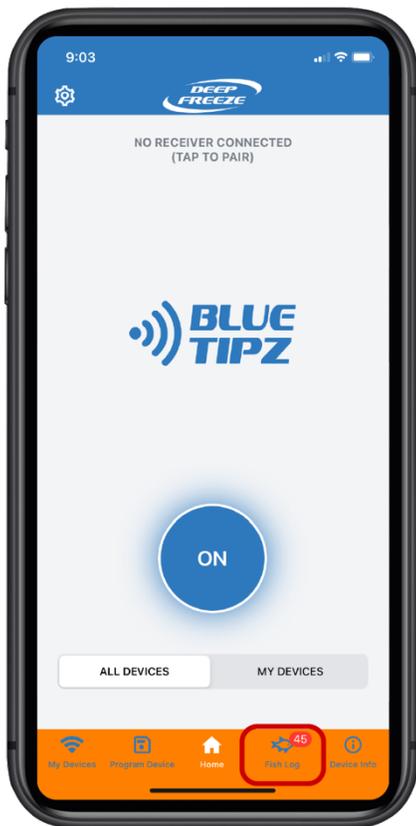
**Listen For Only My Devices:** If enabled, your Receiver will only listen for your saved Transmitters. This is a good way to filter out other Transmitters when fishing near large groups.



## Fish Log

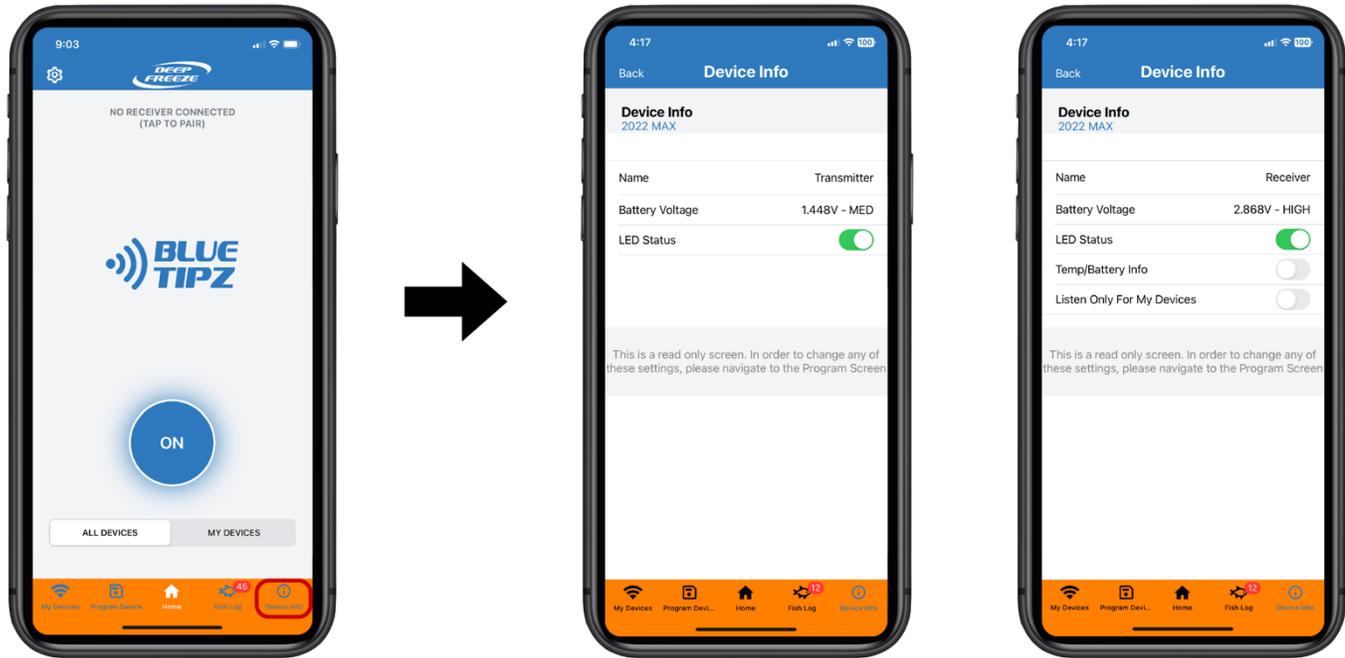
The Fish Log keeps track of BlueTipz notifications that have been sent to your phone. The Fish Log can be accessed through the bottom navigation bar. You can add to or delete from this list as you choose. This is a great way to pattern when fish started/stopped biting. The name of the Transmitter, as well as the date and time, is displayed on the main screen. The red number above the Fish Log icon in the navigation bar indicates entries that have not yet been clicked into.

Once an entry has been clicked into, there are a number of different fields you can save. There is also an option to Share Your Catch through various channels such as email, Facebook, Snapchat, etc. In this particular example, a photo has not been saved for this particular Fish Log entry.



## Device Info

The Device Info function provides a simple way to quickly obtain information about your BlueTipz Transmitter or Receiver. **Obtaining Device Info is not an option with all Transmitters/Receivers.** To obtain Device Info, click the button in the bottom navigation bar and follow the on-screen prompts.



In the above example, we've shown the screens for obtaining Device Info from a Transmitter and a Receiver. On the screen in the middle, we've obtained information from a Transmitter. The information displayed is:

**Device Info:** This is the version of Transmitter you are using. In this example, it is a 2022 MAX. This was our official release for the 2022 season.

**Name:** If your Transmitter is not saved, it will just show up as **Transmitter**. If it is saved, the name you gave it will be listed here.

**Battery Voltage:** This gives a user an idea of the battery life remaining for their Transmitter. If the battery voltage is checked at room temperature, once it starts to get to the 1.35V level or lower, it's probably a good idea to change the battery.

**LED Status:** This tells a user whether or not the LED is enabled on their Transmitter.

On the screen to the right, we've obtained information from a Receiver. The information displayed is:

**Device Info:** This is the version of Receiver you are using. In this example, it is a 2022 MAX. This was our official release for the 2022 season.

**Name:** If your Receiver is not saved, it will just show up as **Receiver**. If it is saved, the name you gave it will be listed here.

**Battery Voltage:** This gives a user an idea of the battery life remaining for their Receiver. If the battery voltage is checked at room temperature, once it starts to get to the 2.25V level or lower, it's probably a good idea to change the batteries.

**LED Status:** This tells a user whether or not the LED is enabled on their Receiver.

**Temp/Battery Info:** If paired to a Receiver, this switch will need to be enabled.

**Listen For Only My Devices:** If enabled, your Receiver will only listen for your saved Transmitters.

## Pairing to a Receiver

Pairing to a Receiver can be done from the top of the Home screen. **First and foremost, it is not required to pair your BlueTipz app with a Receiver.** Pairing a Receiver can only be done with Receivers from 2021 or after. If Paired, your Receiver will report the ambient temperature and battery voltage to the BlueTipz app every 15 minutes. Consequently, Pairing is a good way to ensure that your Receiver is still active. If your Receiver is still reporting temperature and battery voltage, we know it is also still listening for Transmitters. If it has dropped offline, there is a good chance the batteries died, or you are out of range from the Receiver.

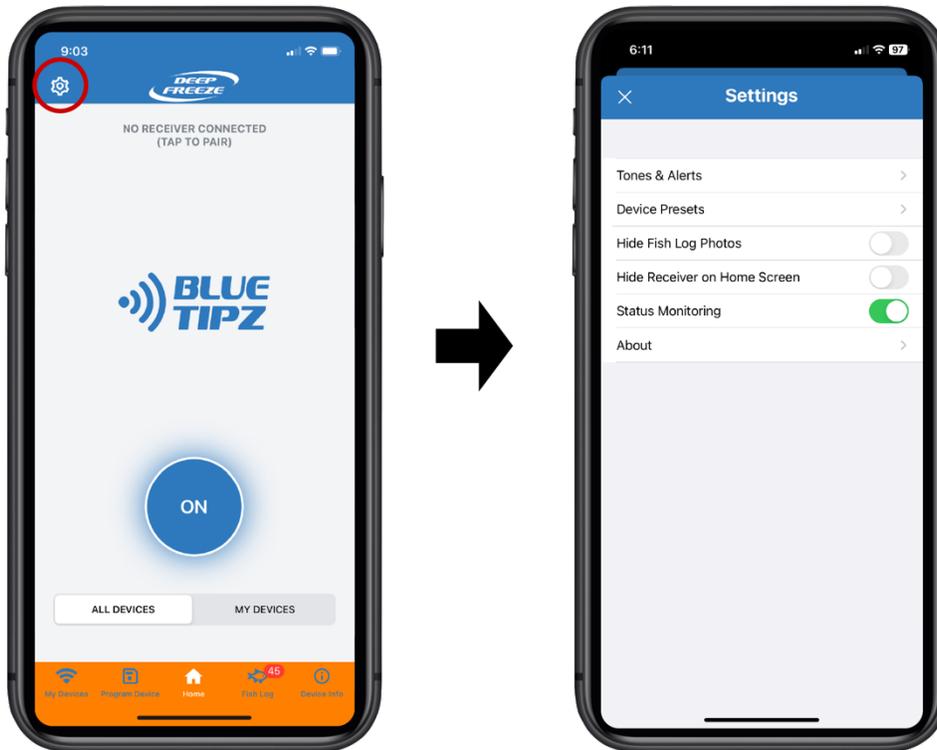
To Pair your BlueTipz app with a Receiver, click the button at the top of the Home screen (screen shown on the left), and follow the on-screen prompts. Once Paired, the name of your Receiver will be displayed at the top of the Home screen (screen shown in the middle), as well as the Temperature and Battery Level for your Receiver. To look at historical data, click on this information from the Home screen. The screen on the right shows the historical data. In this particular example, there was only one entry obtained. The Temperature and Battery Level will be obtained every 15 minutes from a Paired Receiver while it is powered on and the BlueTipz app is running. In addition to entries every 15 minutes, a Receiver will also send out this data when it is freshly powered on.

To Unpair from a Receiver, click the 3 dots in the upper right corner from the screen shown on the right. Other options from this button include viewing daily high/low temperatures and clearing out the entries.



## Settings

The BlueTipz Settings menu can be accessed from the upper left corner in the app by clicking on the gear wheel. There are a number of Settings that can be changed here; see below for their descriptions.



**Tones & Alerts:** From this screen, the global notification tone can be changed. Global, meaning that unless you've selected a unique tone for a Transmitter through the My Devices or Program screen, this is the tone that will play for every Transmitter. You're also able to Record a Custom Tone, enable/disable Vibrate, enable/disable Play Alert Continuously, and test the tone that has been set. Play Alert Continuously is an option some anglers will choose to use overnight. With this option enabled, a notification tone will not stop sounding until the alert has been swiped open. With this disabled, the notification tone will sound 1 time, and then stop.

**Device Presets:** Device Presets are discussed in the Programming a Transmitter section of this manual. Within the Device Presets option, a user can define their own Device Presets. Let's say you have multiple tip ups that the flag tends to lay down at a 30° angle after it has sprung up. Since the default Trigger Angle starts at 45°, the Transmitter would not be activated at the 30° angle. So, you could define a Device Preset, let's call it **20° Angle**, with a Trigger Angle Zone from 20° to 90° (20° so you're certain the Transmitter activates at the 30° angle). Now that you've defined a Device Preset, from the Program screen, you can quickly select **20° Angle** and Program your Transmitters that will be used on those tip ups. In short, Device Presets makes it easier to quickly Program your Transmitters with a specific set of Settings.

**Hide Fish Log Photos:** In the Fish Log, a user can save a picture for an entry. When looking at the main Fish Log screen, these pictures will be visible, and they can clutter the Fish Log entries if multiple are saved. By enabling Hide Fish Log Photos, these pictures are only visible by clicking into a particular Fish Log entry.

**Hide Receiver on Home Screen:** This option will remove the Receiver graphic from the top of the Home screen.

**Status Monitoring:** This option will hide Status Monitoring on the My Devices page.