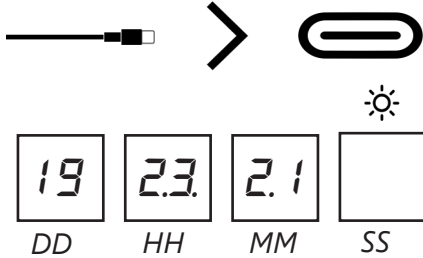


Setup Guide

1. Power On

Plug in the device and switch it on. It will automatically enter setup mode (indicated by the flashing blue LED indicator), cycling through Setup, IP-Addr, and 192.3.2.1 on the display.



2. Connect via Wi-Fi

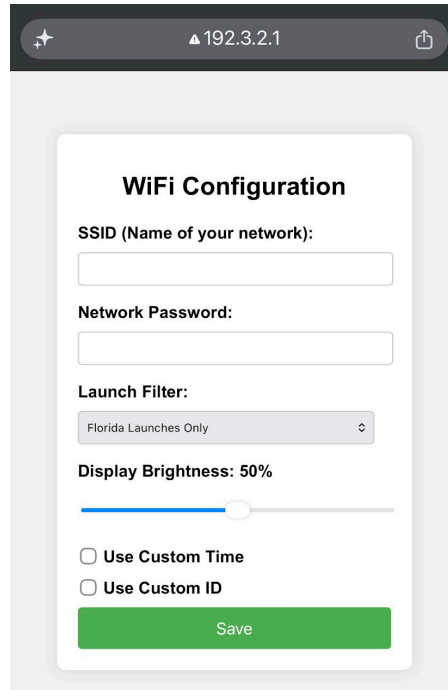
On your phone or computer, connect to the timer's temporary Wi-Fi network named **LAUNCH-TIMER-XXXXX**.



3. Access Setup Portal

Once connected to the timer's temporary Wi-Fi network, open a web browser and navigate to **192.3.2.1**

Note: Depending on your device, the setup web-page will automatically open without the need to enter the below IP



4. Configure

Once you have loaded the setup page, fill out the form to connect your timer and customize your tracking preferences:

- **SSID (Name of your network):** Enter the exact name of your home Wi-Fi network.
- **Network Password:** Type in your home Wi-Fi password.
- **Launch Filter:** Use the dropdown menu to select your preferred launch tracking preset (e.g., Florida Launches Only, NASA, or SpaceX).
- **Display Brightness:** Adjust the slider to set how bright you want the timer's LED display to be.
- **Optional Custom Settings:** Check the boxes for Use Custom Time or Use Custom ID if you need to manually override the standard launch tracking parameters for a specific mission.
- **Save:** Click the green Save button to apply your settings to the device.

Once saved, your timer will connect to your network, sync the launch data, and you're ready for liftoff!

Factory Reset the Timer

To restore the device to its factory default settings, press and hold the rear-mounted button for five seconds, or until the front LED indicator flashes blue.

Error States and Troubleshooting

Your Time2Launch timer is designed to automatically recover from most network or server drops. If your device gets stuck or displays an error, use the following guide to understand the LED indicators, display messages, and how to get back to your countdown.

LED Indicator Guide

The RGB LED on the front panel provides an immediate status check of your timer's background operations.

Flashing Blue: Setup Mode. The device is currently broadcasting its own Wi-Fi network (LAUNCH-TIMER-XXXXX). Connect to it to configure your settings.

Solid Red: Wi-Fi Connection Failed. The timer cannot connect to your home Wi-Fi network.

Solid Yellow / Amber: API Connection Error. The timer is successfully connected to your Wi-Fi, but it cannot reach the Time2Launch servers to pull launch data.

Off: Normal Operation. The timer is successfully connected to Wi-Fi and the launch servers. The countdown is active.

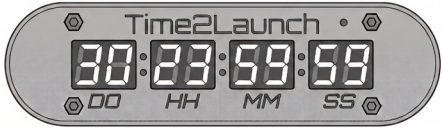
For additional support, advanced configuration guides, and contact information, please visit time2launch.org

Display Messages

The 7-segment display will occasionally show text to indicate specific operational states or errors.

Display Text	What It Means	Action Required
SETUP → IPADDR → 192.3.2.1	The device is in Setup Mode and waiting for you to connect via the web portal.	Connect to the device's Wi-Fi and navigate to the IP address shown to configure your timer.
FETCH → FAIL	The timer is actively trying to download launch data, but the request failed.	None immediately. The device will automatically wait 4 seconds and try again. If it loops endlessly, check your home internet connection.
NO → LAUNCHES	The device is connected, but there are no upcoming launches that match your selected filter.	Wait for new launches to be scheduled, or use the configuration portal to broaden your launch filter.
UPDATING	A new firmware update is currently downloading and installing.	Do not unplug the device. Wait for the timer to automatically reboot once the update is complete.
Flashing Zeros	Liftoff! The countdown has reached zero.	None. The zeros will flash for 10 seconds before the timer automatically fetches the next scheduled launch.

Rocket Launch Countdown Timer User Guide



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