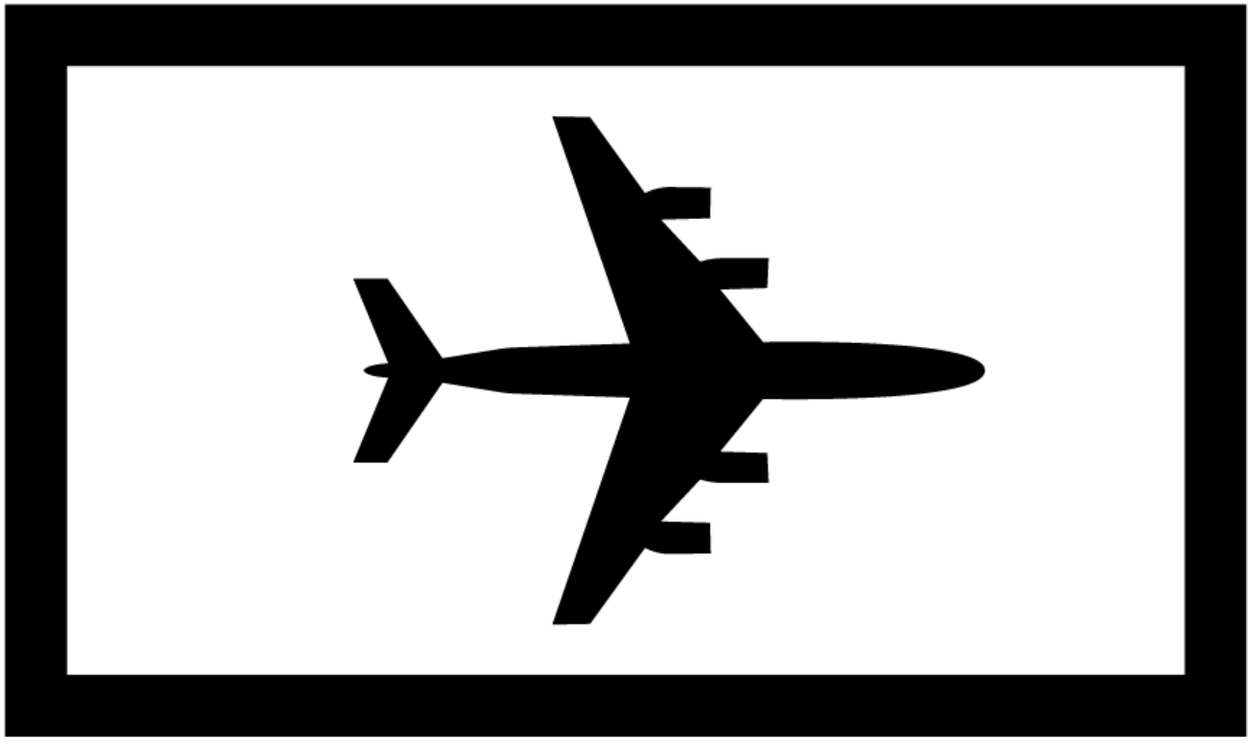


TheFlightWall

Mini User Manual

Rev. 1.5

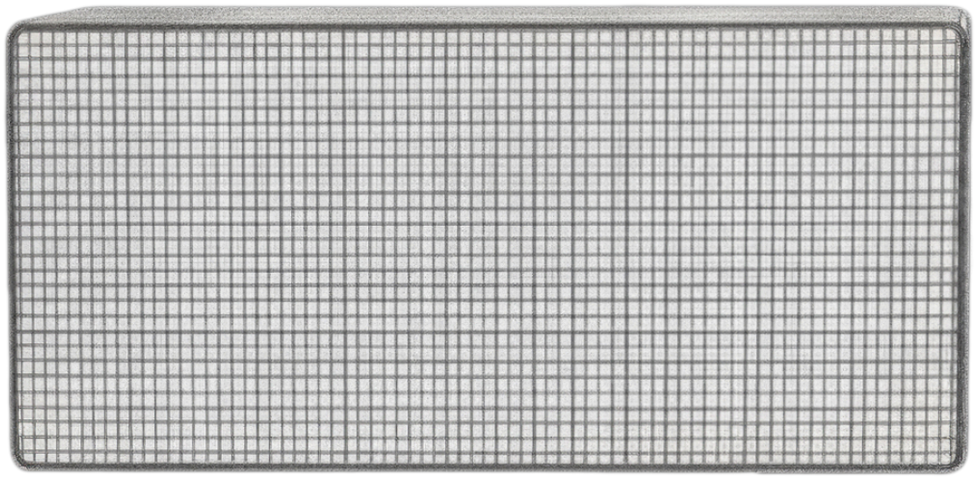
Welcome

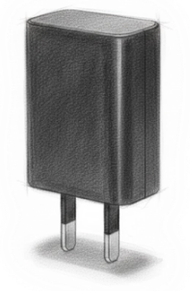
TheFlightWall is an LED display that shows live information of aircraft flying near you, right as they pass by your window.

TheFlightWall has been made possible by aviation enthusiasts like yourself, we appreciate all the support on this project!

What's in the box:

TheFlightWall Mini





Power brick

Desk stand

TheFlightWall mini

Getting Setup ✈

TheFlightWall is easy to setup and configure with our mobile app.

Download the app

Powering Up

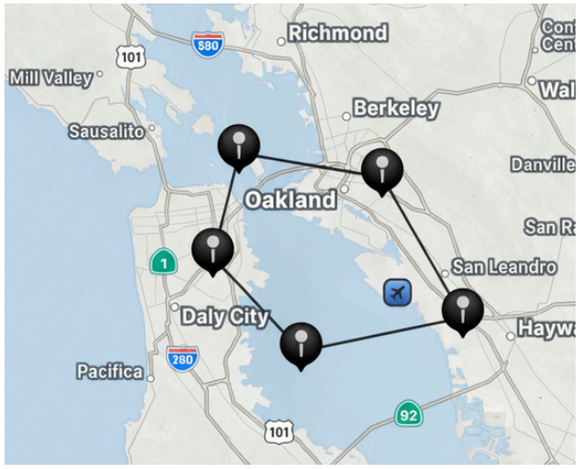
Connect the USB to the power brick and plug it into any standard US outlet.

WiFi Setup

Get your FlightWall connected to your internet.

- On first power-up, the display will show connection information.
- Ensure you have TheFlightWall app installed.
- Follow the steps in the app, scanning the QR code on screen or connecting manually.
- Select your WiFi network, enter your password, and wait for the display to connect.
- Once connected, the display will restart and may perform software updates.
- Next, configure your settings!

Data Configuration



Location and Flights

Set the area you want to scan for flights, either a radius around a point or a custom shape matching your view.

The maximum area is 800 km² (308.88 mi²)

Data Filters

Apply filters for busy airspaces

- Specific altitude range
- Hide municipal aircraft
- Hide helicopters

Set your “home” airport

Optionally set your local airport(s) to contextualize the display so flights say “arriving” or “departing”

Track individual flights

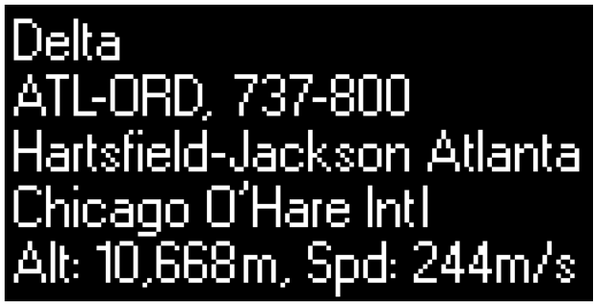
Switch to *flight tracking mode* and enter any flight number to track an individual flight. See departure and arrival times, progress percentage, and what town or ocean the plane is currently over.

Display Configuration

Layouts

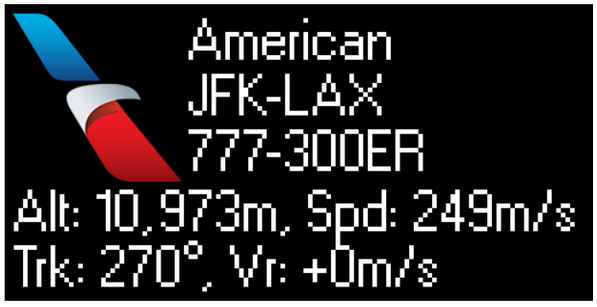
Choose how the information is displayed on screen from one of the preset layouts.

Show the airline logo, show pure text, and/or show detailed metrics for each plane.



Brightness and Border

Change the display brightness and toggle an optional border around the display.



Software Updates

The device will check for software updates to enhance features and performance. Updates will automatically install when the device is powered on.

Look out for new improvements to both the device and the app!

Mounting

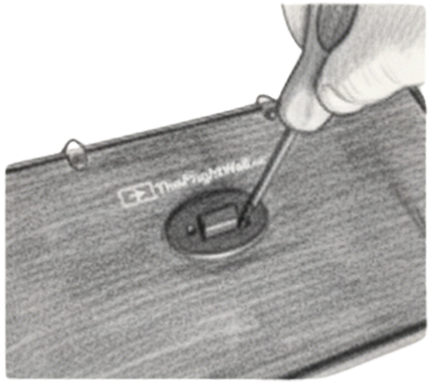
Wall Hook

Using the built in hooks on the top of the Mini you can easily mount the display on the wall. Ensure the use of proper nails or fasteners to prevent a conundrum.

Desk Stand

The desk stand can be installed to lean the display on a table (although it probably can stand on its own).

Attach the mounting plate with the included screws and pull apart the stand to clip it into the mounting plate.



FCC Warnning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.