BRAIINS

BRAIINS DECK MANUAL

Operating Instructions

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BRAIINS

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Braiins DECK

Content

Introduction

Welcome to the Braiins DECK manual! Thank you for choosing our product. The device in front of you is a smart desktop display that visualizes real-time data through customizable widgets. With its large touch screen, Wi-Fi connectivity, and sleek clock-like design, it turns complex information — like Bitcoin stats, prices, or weather — into a clear, glanceable experience.

Content of the box

Braiins DECK (1x)

Safety first

Before you dive into using your DECK, make sure you've read and understood everything in this manual. It's important for your safety and the longevity of your device.

Do not operate the device if:

You Have Wet Hands
- Using the device with wet hands can lead to electric shock.

You Notice Any Damage
- If you see any visible damage on the device, do not turn it on.

Exposed Wires Are Visible
- If you can see any exposed wires, do not use the device.

Unusual Behavior
- If the device behaves unusually (such as the case becoming too hot) do not touch or use it.

No Disassembly
- Do not disassemble the device. Improper handling can lead to serious injury or damage.

⚠️
Remember improper operation can result in serious injury.
Stay safe and enjoy your Braiins DECK.

HARDWARE SETUP

Please follow these steps to set up your Braiins DECK

- **Unbox the DECK**
    - Carefully take the DECK out of the box.
- **Connect the Power Supply**
    - Plug the power supply adapter into a power socket.
    - Connect the USB-C power cord to the input socket on the back of the DECK.
- Once everything is plugged in, you should see a purple light under the deck and the device will boot in just several seconds. After the boot, you should see the Initial Setup screen along with a loading animation of the LEDs.
- Follow the instructions on the screen commented in the next section of the guide for the further setup.
- **Tip: Check the Power Supply Adapter compatibility:**
    - Dual color LED on the back side of the DECK tells you if your power chain is compatible or not:
        - Continuous RED light - incompatible power adapter or cable (possibly USB-A to USB-C cable)
        - GREEN - compatible power adapter and cable. Green will turn off after 2 seconds to bring you the best user experience

CONNECTING TO WIFI

Braiins Deck uses a wireless connection to fetch all the data. To connect your DECK to Wi-Fi, just grab your phone or laptop and open your Wi-Fi settings. Look for a network called Braiins Deck.
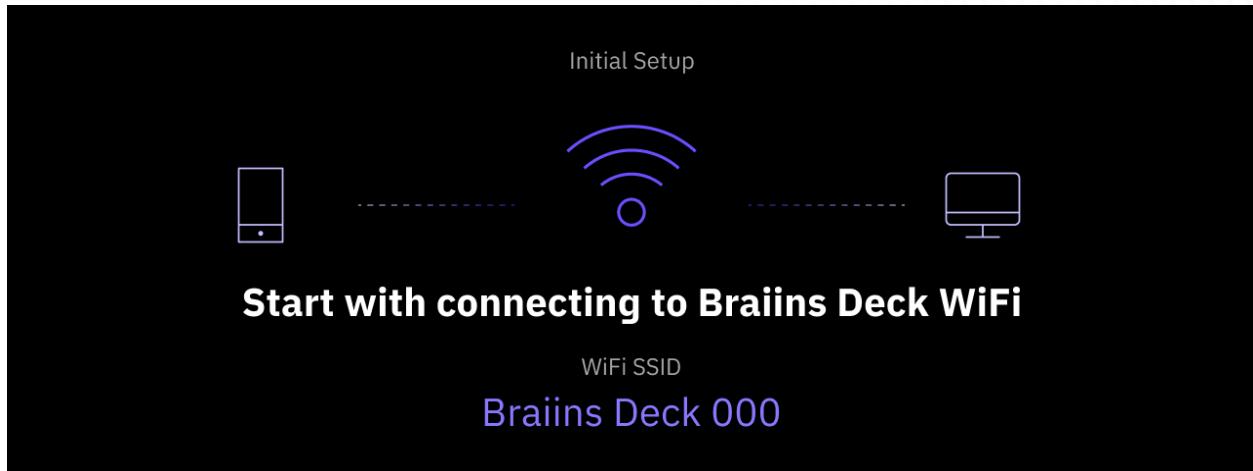
Tap on the Mini Miner network, and you'll be redirected to the setup wizard. It's super easy and will guide you through a few quick steps to get everything running.

Start by selecting your WiFi network and wait for the device to connect, you will see a confirmation screen and green LED light once it is connected.
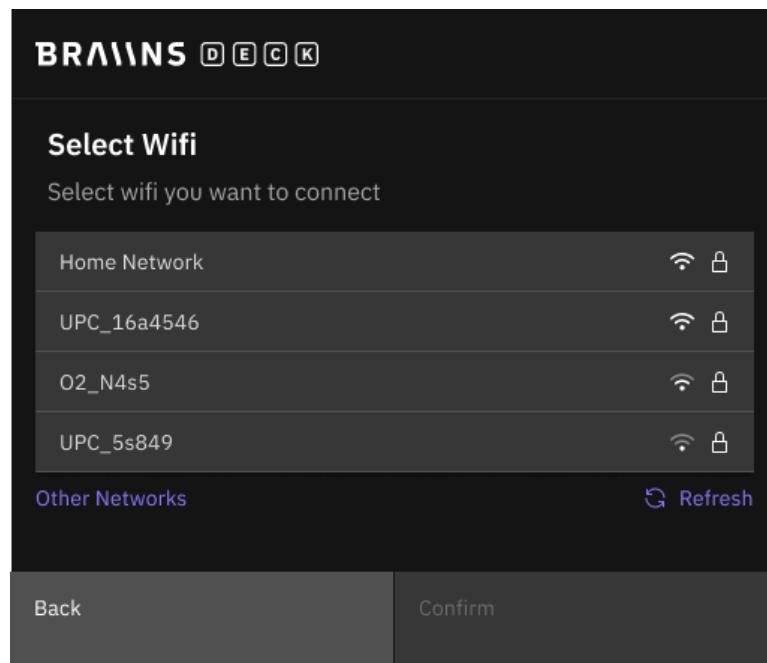
You can now access your DECK now on an IP address shown on the screen of the device. Just type the address into your browser or scan the QR code shown on the screen of the device and open the link.

Note: If the initial screen disappears or you want to display the IP again, just restart the device. The IP is changed after every restart.

Finish the last step of the setup by configuring a few basics, you can also set up a password, and your DECK will be ready!

GRAPHICAL USER INTERFACE (GUI)

You can interact with your DECK through a GUI on your laptop or mobile device, all you need to do is open the IP of the device in a browser.

Display scenes

This is the section where you can Add or Edit all of the widgets that are displayed on the device screen. The DECK comes with several pre-configured display scenes for your convenience. You can leave them as is, edit, disable or delete them completely.
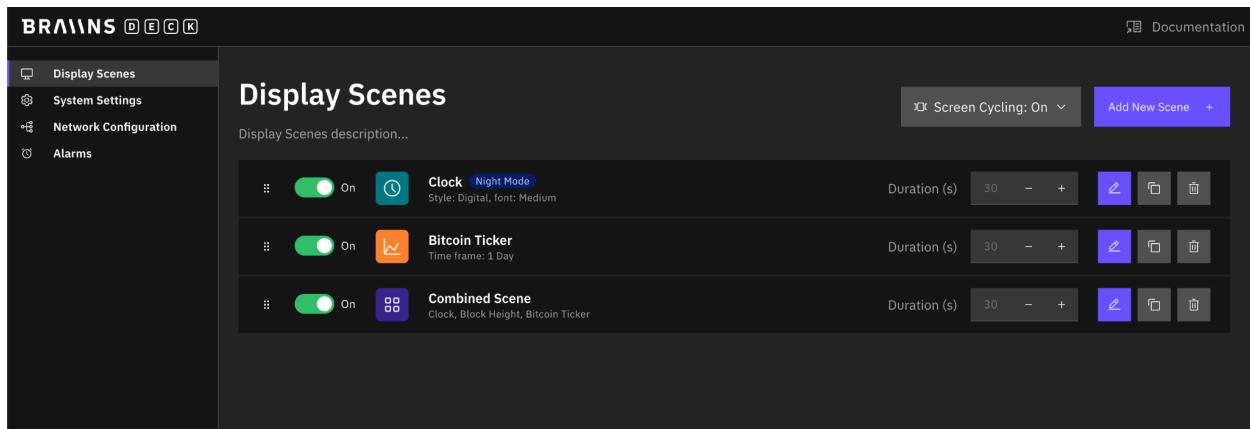
The Add scene button shows you a list of all available display scenes including a Combined scene, where you can place several modules on a grid for a combined view.
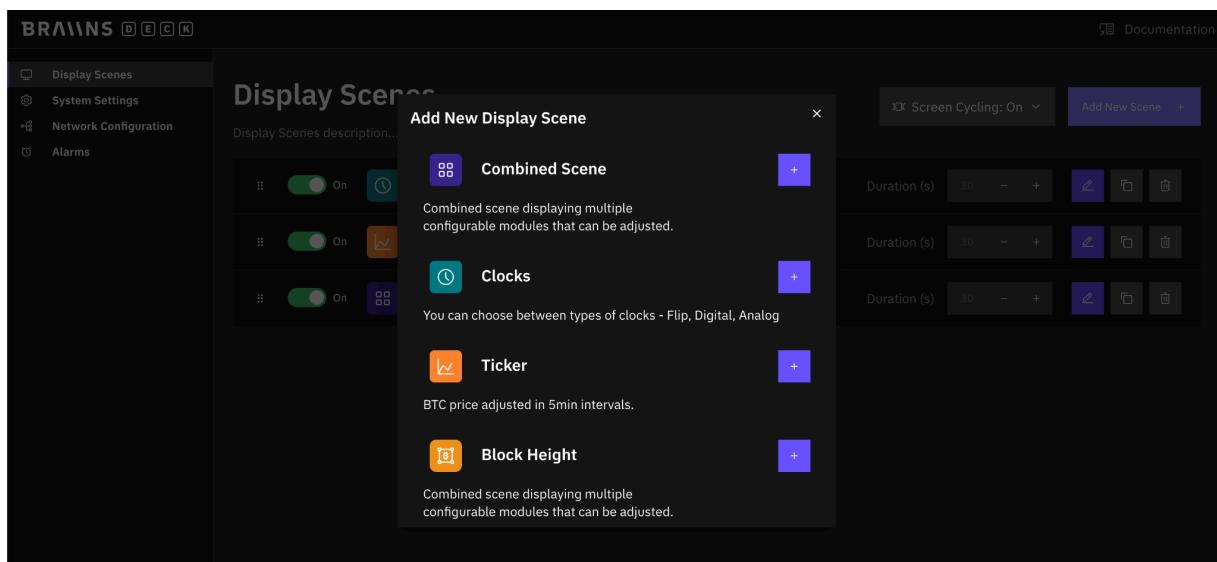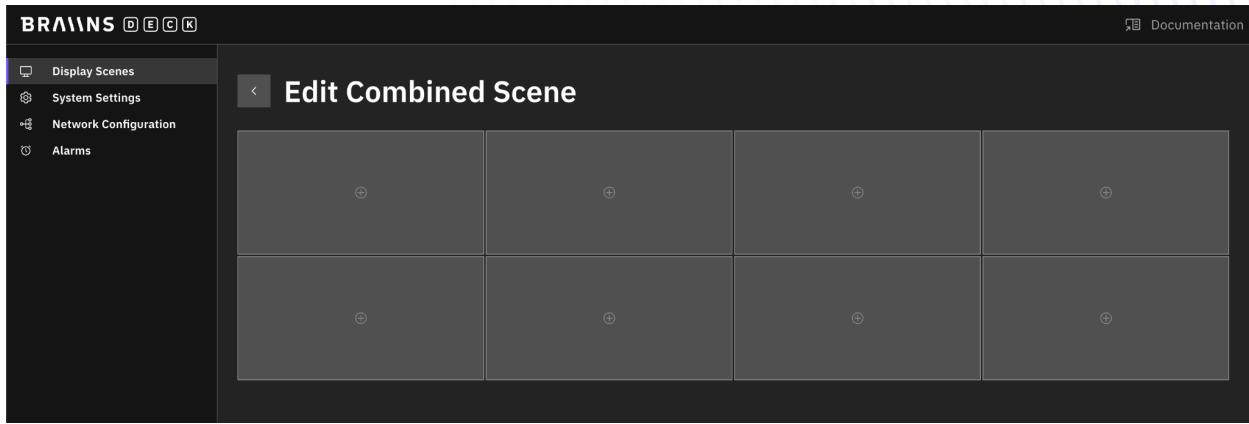
If the scene is customizable, you will see a dialogue with scene settings like this
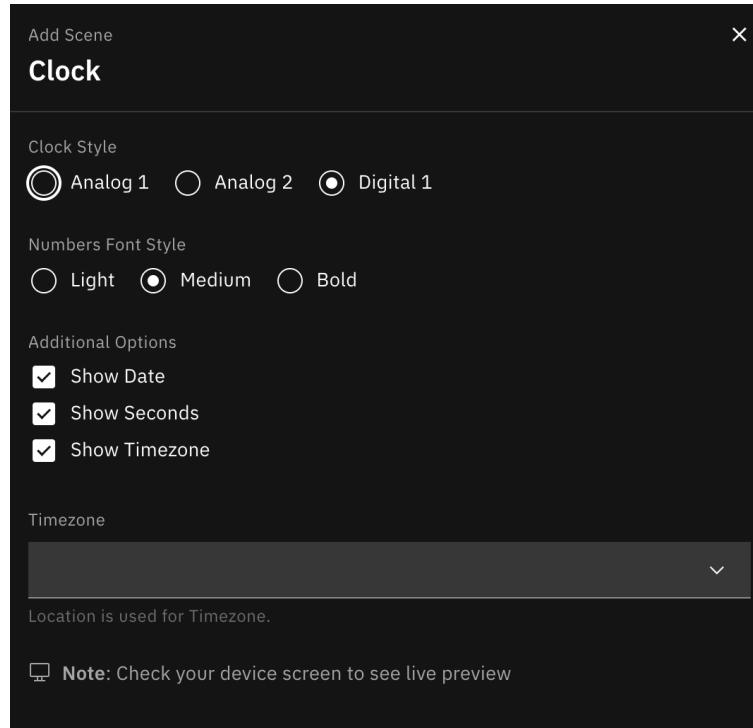
Note: You can see how the configuration looks on the DECK, all changes are visible in real-time as you edit the scene, but some settings (like timezone or time interval for the graphs) can take up to one minute to propagate after you save the changes.

Braiins DECK has automatic screen cycling available and you can set up any interval in which you want the scenes to rotate on the device. You can edit the default 30s duration to any value and chose an animation as well:
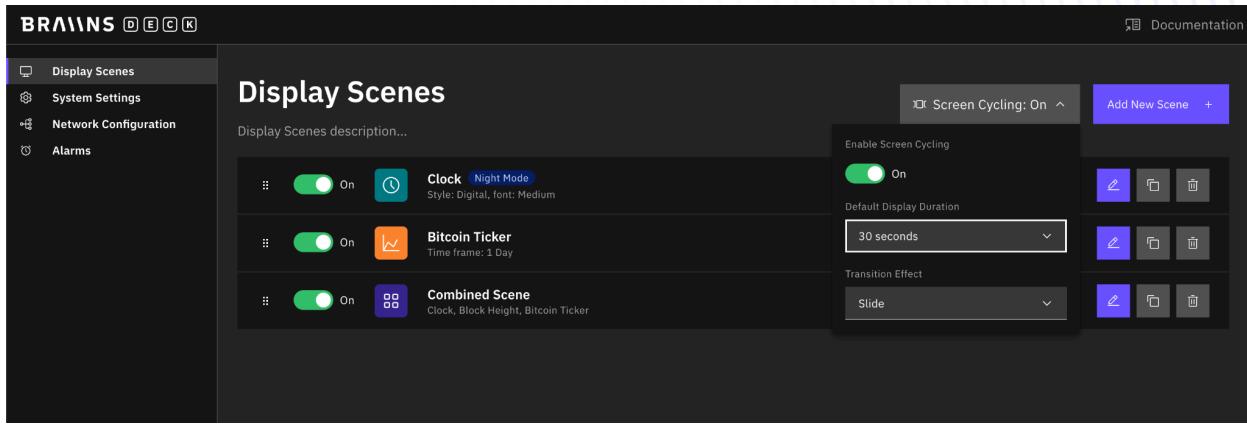
You can also set a custom timing for each display scene, just rewrite the default duration with your custom time value in seconds. If you want to go back to default duration - delete the value.

Remote image

You can add a custom image to be displayed on the device in full-screen mode as well as a part of any combined scene. Upload your image to an online location and paste a URL that leads to it in the Remote image widget configuration menu.

You have to respect precise size and format for the image to be displayed without issues. Please follow the requirements below (also available in the widget configuration menu).

Requirements:

- Wi-Fi connection is working
- HTTP(s) server (specified by URL) is working (e.g. endpoint is accessible, no HTTP errors)
- Image has PNG or JPEG format
- Image has exact resolution for chosen widget size:
- small: 317x238px
- medium: 638x238px
- large: 638x480px
- fullscreen: 1280x480px

We suggest you choose the highest value of refresh duration which makes sense for your usecase.

If your image is static, it's not necessary to refresh it every 10 seconds. This way you can avoid unnecessary server load and network traffic.

Advanced:

If you have a custom server which generates images dynamically, you can use following query parameters from the request to prepare image with correct resolution:

- `deck_image_width`
- `deck_image_height`

Note: Make sure to copy the URL to the image itself after you upload it to any service (e.g. ibb.co) - right click and select "copy image address" or similar command.
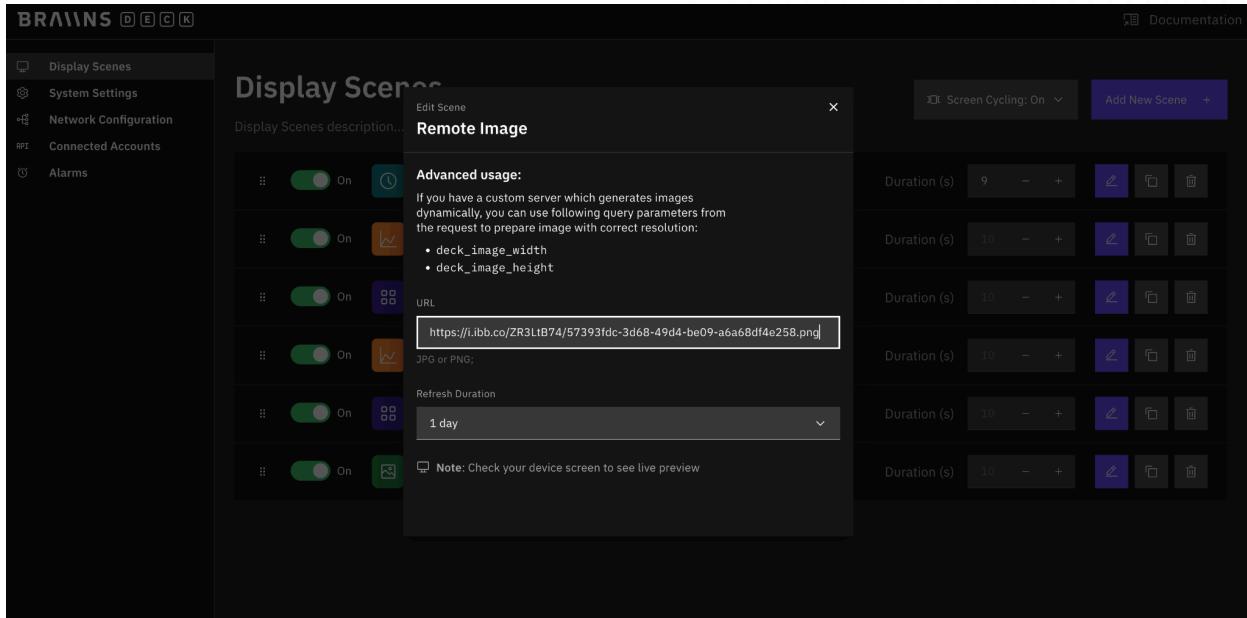
System settings

Here you can configure global settings for the device such as timezone, display brightness and sound level.

General

- Time format: choose between 12 or 24 hours format, it will affect the clock but bare in mind that all the alarms have to be set in 24h format.
- Timezone: you can configure the right timezone for you by searching for a city or an appropriate UTC timezone.
- Date format: global setting for all the display scenes.
- First day of the week: global setting for all the display scenes.
- Number format: global setting for all the display scenes.
- Reset to factory defaults: will cause a device reboot and wipe all of the changes made after the initial setup, the WiFi network will remain the same.
- Reboot: will reboot the device causing the change of the IP address.

Display

- Brightness: default brightness level of the device.

- Night mode: you can select a time interval when the display will use different levels of brightness, also during this time only the first display scene in the list will be displayed on the device - screen cycling will be off.

Sound and light

- Select default sound volume and sound volume during the night mode
- Enable or Disable LED signals (notifications and alerts will be available in future releases)

Security

- Set up a password for your DECK for better security.

Upgrades

- Upgrades are downloaded automatically right now and you can always check which version you are on in this section.

Network Configuration

- Check your DECK's IP address, hostname and MAC address in this section.
- To select a new WiFi trigger the network scan, the device will be offline while the scan is in progress and you won't be able to change any settings.

Alarms

- Set as alarms for all or some days of the week and custom labels.
- Choose from a library of sounds by hitting the play button to hear them on the DECK.