



TRMNL OG User Manual

E-Ink WiFi Battery-Powered Display

Introduction

Thank you for choosing the TRMNL OG E-Ink WiFi battery-powered display! This manual will guide you through the setup, operation, and maintenance of your device. Our display is designed to keep you informed with minimal power consumption, offering clear visibility even in direct sunlight.

Package Contents

- 1 x E-Ink WiFi Display
- 1 x USB Charging Cable
- 1 x User Manual
- 1 x Mounting Kit (optional)

Device Overview

- Display: High-contrast E-Ink screen, readable in all lighting conditions.
- Battery: Rechargeable battery with 3-4 months of battery life under normal room temperature with a 15-minute refresh rate.
- WiFi: Configurable via WiFi Access Point (AP) mode.
- Power Switch: Located on the back for turning the device on/off.
- Multipurpose Button: Located on the back for display update and WiFi settings reset.
 - Short Press: Triggers display update.
 - Long Press: Triggers WiFi settings reset.

Getting Started

Charging the Device

1. Connect the USB charging cable to the device.
2. Plug the other end into a USB power source.
3. A LED indicator will light up while charging.
4. The device is fully charged when the LED turns off

Powering On/Off

- To Power On: Flip the power switch located on the back of the device to the "On" position.

- To Power Off: Flip the power switch to the "Off" position.

WiFi Configuration

Configuring WiFi via Access Point Mode

1. Enter Configuration Mode:
 - Ensure the device is powered on.
 - Press and hold the multipurpose button for 5 seconds until the display shows "Configuration Mode."
2. Connect to the Device's WiFi AP:
 - On your smartphone or computer, go to WiFi settings.
 - Connect to the network named "TRMNL".
3. Access the Configuration Page:
 - This should happen automatically once connected. If not, open a web browser and enter the IP address **192.168.4.1**.
4. Set Up Your WiFi:
 - On the configuration page, select your WiFi network from the list of available networks.
 - Enter your WiFi password and click "Connect."
 - The device will save the settings and reboot.
5. Confirmation:
 - Once the device reconnects, it will display "WiFi Connected" and begin downloading content.

Operating the Device

Content Display and Management

Content display, device pairing, refresh period adjustment, and battery state provisioning are managed through the Web App at <https://usetrmnl.com/>. The device will automatically refresh the

screen to display content according to the settings configured in the Web App.

Manual Refresh

To manually refresh the display, press the multipurpose button once briefly.

Battery Management

- Battery Indicator: The Web App will provide battery state information.
- Power-Saving Tips:
 - Use manual refresh only when necessary.
 - Adjust the refresh rate in the Web App to balance between battery life and content freshness.

Maintenance

- Cleaning: Wipe the screen gently with a soft, dry cloth. Avoid using liquids.
- Firmware Updates: Updates may be available periodically via the Web App. Follow the on-screen instructions to update your device.

Troubleshooting

Device Won't Turn On

- Ensure the device is fully charged.
- Make sure the power switch is in the "On" position.

Unable to Connect to WiFi

- Ensure you are within range of your WiFi router.

- Double-check the WiFi password and try re-entering it.
- Restart your router and try connecting again.

Screen Not Refreshing

- Check your WiFi connection.
- Ensure that the content source is accessible.
- If the problem persists, perform a factory reset.

Factory Reset

1. Enter Factory Reset Mode:
 - Press and hold the multipurpose button for 10 seconds.
 - The display will show "Resetting."
2. Confirm Reset:
 - Release the button and press it briefly once to confirm.
 - The device will reboot and return to the initial setup screen.

Warranty and Support

This device comes with a 1-year limited warranty. For support, please contact us at **team@usetrmnl.com**. Visit our website or reach out to customer service for any inquiries or assistance.

ISED WARNINGS

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

This device complies with the conformance or field strength limits of this equipment RF users can acquire the corresponding information on RF exposure and compliance. The minimum distance from the body to be used is 20cm.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) L'appareil ne doit pas produire de brouillage;

(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Le présent appareil est conforme. Après examen de ce matériel aux normes de conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent, sur l'exposition aux radiofréquences et la conformité, acquérir les informations correspondantes. La distance minimale du corps à utiliser avec le dispositif est de 20cm.

FCC STATEMENT:

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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

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 & your body.

WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following 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.