

# TORP Display

## Manual

### GETTING STARTED



Display mounted.

### Overview

The TORP Display lets you track your controller and battery data in real time and switch between riding modes directly from the handlebar.

New functions are added regularly through firmware updates.

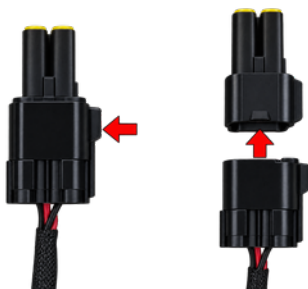
Controller firmware 1.4 or higher is required for the display to function. Update the firmware in the TORP Controller app before installing.

Talaria riders: if the display shows ERROR: NO COMMUNICATION after installation, the CAN baud rate has to be set manually. See [Troubleshooting](#) at the end of this manual.

### INSTALLATION

## Mounting & Wiring

Connect the display directly to the controller wiring harness



### How to install

1. Remove the protective cap from the connector: press firmly on its side and pull it out of the connector.
2. Plug the display connector into the display connector on the controller's wiring harness.
3. Mount the display on the handlebar.
4. Turn the bike on.

## SETUP

## Enable the Display as Mode Button

One-time setup in the TORP Controller app

Before the display can switch riding modes, it has to be selected as the mode button in the app.

1. Open the TORP Controller app and connect to your controller.
2. Go to the Settings screen.
3. Tap PERIPHERALS at the bottom of the screen.
4. Find the MODE BUTTON option and choose TORP DISPLAY.

**Good to know:** With TORP DISPLAY selected, you can also change modes by tapping the mode name on the app's Dashboard screen.

## DISPLAY CONTROLS

## Buttons

Everything the display does is driven by three controls

| Control      | Action   | What it does                                                                           |
|--------------|----------|----------------------------------------------------------------------------------------|
| ▲ / ▼ arrows | Press    | Move through the screens of the display.                                               |
| ON/OFF       | Press    | Change the sub-screen. On the Settings screen with an item selected: change its value. |
| ON/OFF       | Hold     | On the Settings screen: select the item you want to change.                            |
| M            | Press    | Change the riding mode (ECO / SPORT / DAILY).                                          |
| M            | Hold 3 s | Activate Stock Mode - the !!STOCK!! sign appears.                                      |
| M            | Hold 6 s | Deactivate Stock Mode.                                                                 |

## SETTINGS SCREEN

## Display Settings



### How to change a setting

1. Use the ▲/▼ arrows to reach the Settings page.
2. Hold the ON/OFF button on the top of the display to select the item you want to change.
3. Tap the ON/OFF button to change the value of the selected item.

The Settings screen has two pages. Keep holding the ON/OFF button to move from page 1/2 to page 2/2. The page indicator is shown in the bottom-right corner.

## SETTINGS SCREEN

## Riding Modes

### Mode button modes

By default, the display offers 2 riding modes. To use 3 modes - ECO, SPORT and DAILY - hold the ON/OFF button until you reach the 2/2 page, then choose 3 by tapping the ON/OFF button.

DAILY is the third mode configured from the display. Its power, current, and speed limits are set in the TORP Controller app under the DAILY tab.

### Mode change button

If you prefer to change modes with the ▲/▼ arrows instead of the M button, hold the ON/OFF button until you reach “M”, then tap the ON/OFF button. Once set, the M button changes the screen instead.

| Mode change setting | Changes the mode | Changes the screen |
|---------------------|------------------|--------------------|
| M (default)         | M button         | ▲ / ▼ arrows       |
| ▲ ▼ arrows          | ▲ / ▼ arrows     | M button           |

## SETTINGS SCREEN

## Stock Mode

Ride your bike in the road-legal configuration



3 s to activate · 6 s to deactivate.

### Activating Stock Mode

Stock Mode limits the bike to its road-legal configuration. This function is available with the TORP Display.

- **Activate** – Hold the M button on the display for 3 seconds, until the !! STOCK !! sign appears on the screen.
- **Deactivate** – Hold the M button for 6 seconds.

Stock Mode can also be exited from the TORP Controller app by tapping the STOCK label on the Dashboard screen, or with 5 quick brake-lever presses followed by a long hold on the 6th.

**Power & RPM in Stock Mode** are configured in the TORP Controller app under Settings → Additional Settings → Stock Mode, together with the Active at startup option.

## SETTINGS SCREEN

## Reverse

1. In the TORP Controller app, go to Settings → Peripherals → Reverse.
2. Select TORP DISPLAY.
3. Two sliders appear on the same screen — set the reverse phase current and the reverse maximum speed.
4. To reverse: hold the down (▼) arrow on the display and twist the throttle.

⚠ **Reverse engages the motor. Keep both feet down, use the lowest workable phase current and always check behind you before reversing.**

## TROUBLESHOOTING

## Error: No Communication

If the display shows ERROR: NO COMMUNICATION with the BMS after it is connected, the CAN baud rate may be wrong. Talaria bikes require 250K; other bikes (SurRon) use 500K.

### How to fix it

1. Use the ▲/▼ arrows to reach the Settings page.
2. Hold the ▲ and ▼ arrows together until you get the message that the baud rate has been changed to 250K (TALARIA) / 500K (SURRON).
3. Restart the bike to apply the change.



**Need help?** Contact us through the support form at [torpmotors.com/contact](https://torpmotors.com/contact), or in the Contact section of the TORP website.