Astro C40 TR Joystick Replacement

Replace your Astro C40 TR joystick with a new one or a new main-part and reset to solve the drift problem.

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INTRODUCTION

Don’t abandon your Astro C40 TR controller if it has some drift problems! With a new joystick module, some screwdrivers, and minor effort, it’ll be as good as new.

Apart from being able to use a screwdriver, this guide requires no prerequisite on technical background.

You will need:

- An H.20 Hexagonal Screwdriver
- A 30mm TORX Screwdriver
- A joystick module for replacement
Step 1 — Joystick

- Disconnect your controller from the computer and turn off the wireless mode.

Step 2

- Remove the face cover of the controller.
  - Use the H.20 Hexagonal Screwdriver to loosen two screws on each side of the joysticks.
  - After loosening the screws, tilt the controller upside down to pop off the face cover.

⚠️ Don't panic if the joystick falls off! It can be placed back on.
Step 3

- Hold the module base and pull off the top head to detach it from the joystick.
- Unscrew the joystick module's screws using the 30mm TORX Screwdriver.
- After removing the screws, push the top to pop out the main part of the joystick.

ℹ️ If you have a whole new joystick module then you can skip to step 6.

Step 4

- Plug the main part for replacement into the joystick module frame.
- Make sure to align the main part and the base frame!
Step 5

- Reassemble the joystick module and plug it back into the controller.
  - Make sure that the main part and base frame of the module is tightly screwed!
  - When you plug the joystick module back in, ensure that the alignment of the module and the controller is correct.

Step 6

- Reassemble the controller.
  - Tighten the screws of the face cover.

⚠️ If you find it's difficult to tighten the screws on the face cover, don't force it. It probably means that the joystick and controller are not aligned correctly!
Step 7

- Recalibrate the controller so that the new joystick could be detected by the driver.
- Connect the controller with your computer and switch it to wire-connect mode (at the top right of the controller).
- Push the bottom at the back of the controller and hold until the controller vibrates. Release, and repeat.

To reassemble your device, follow these instructions in reverse order.