

Adaptive Case for PS4 Controller

USER QUICK GUIDE

Introduction

The Adaptive Case for PS4 Controller is an inexpensive and non-destructive controller modification designed to make the stock PS4 controller more accessible. This device aims to assist those with limited hand dexterity by enlarging and spreading out the buttons on the PS4 controller. This device can be mounted to a surface so that both hands can freely operate the controls.

Features



Compatibility

Note that the PS4 controller can be used for PC based gaming.

Platforms: PlayStation 4, PC

Controllers: DualShock 4 Controller

Specifications

Weight (Case only)	Length	Width	Height
~200g	~22 cm	~12 cm	~8 cm



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Files available at <https://makersmakingchange.com/project/adaptive-case-for-ps4-controller>

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Usage

To use this device, the DualShock 4 controller must be mounted into the case and the preferred joysticks installed onto the controller.

Installing the Controller

To install the PS4 controller into the adaptive case, lift the top of the case and swivel it behind as shown below. Place the controller into the case and resecure the top by aligning the lip of the case with the slots in the top face. Press firmly to snap these two halves together.

Note: Joysticks can only be installed once the controller has been mounted.



To remove the controller from the case, follow the installation instructions in reverse order, starting by removing the large joysticks as they will not fit through the top face.

Installing the Joysticks

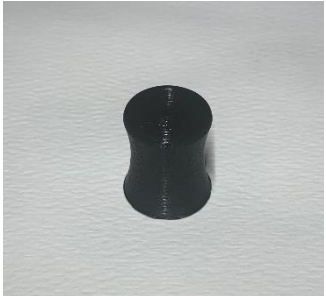



There are a few different adaptive joystick options that are shown in the next section. Place each half of the 3D-printed screws around the joysticks on the controller. Press the halves together to form a solid screw and thread on your preferred joystick topper.



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Joystick Topper Options

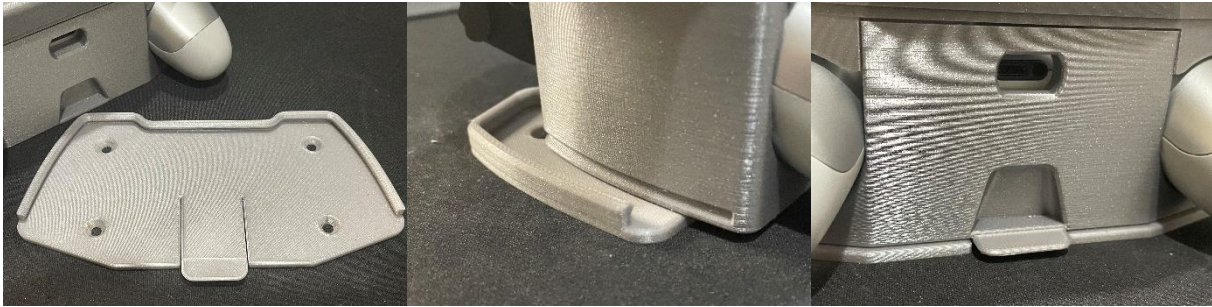
Topper Design	Usage
<p>Extended Joystick</p> 	<p>A standard extended joystick topper with a concave top face for grip. To allow room for both joysticks to move, it is recommended to use this topper along side one of the others.</p>
<p>Ball Joystick</p> 	<p>The ball joystick topper gives lots of room to grip the controller's joystick. Its length allows the joystick to be operated with very little force.</p>
<p>Ring Joystick</p> 	<p>The Ring Joystick allows you to insert a thumb finger into the topper to aid in controlling the joystick.</p>
<p>Double Joystick</p> 	<p>The Double Joystick adds a second Joystick topper that can be operated by secondary user. This allows the secondary user to help assist with the controls.</p>

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Mounting the Device

This device comes with an optional dock that allows you to secure the adaptive case to a table or surface. This may benefit users who find it challenging to hold onto the device. The low profile “Dock” can be screwed to a surface before sliding in the case to click-lock it in place. The front tab can be pushed down to unlock and remove the case from the dock.



Cleaning

The device can be cleaned by disassembling and removing the controller before wiping down the pieces with a damp cloth or plastic safe cleaning wipes.