**Title**

Adaptive Case for PS4 Controller

**Subtitle**

An inexpensive and non-destructive controller modification designed to make the stock PS4 controller more accessible.

Device Specifications

Build Time:

 < 1hr

1-4 hr

 5-10hr

 >10hr

Cost:

 $0 - $10

 $11 - $25

 $26 - $50

 $51 - $100

 $101 - $250

 $250+

Stage: Recently Added

Skills: 3D Printing

Need:

Disability: Mobility / Physical

Difficulty: Intermediate

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Usages: ADL, Recreation and Leisure, Computer Access

Type:

Designer:

## Device Details

### Overview

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.

### Compatibility

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

**Platforms:** PlayStation 4, PC

**Controllers:** DualShock 4 Controller

### Usage

The case can be opened to insert the PS4 controller and snapped shut to secure it. 3D printed mounting screws are placed around the joysticks on the controller before screwing on various attachments. The device also comes with a low-profile dock that can be used to secure the adaptive case to a surface.

### Cost

Approximately $8 for filament

### Build Instructions

The build involves assembling 3D printed components. No commercial hardware is needed.

#### Skills Required

* 3D Printing

#### Time Required

* Total 3D Printing Time: 38h 20min
* Assembly Time: 10m

#### Tools

* Eye Protection
* Hobby Knife
* Sandpaper
* Superglue
* Tape
* Zip Ties

#### 3D Printing

* 1X All\_Button\_Faces.stl
* 1X Button\_Tails.stl
* 1X Case.stl
* 1X Dock.stl
* 1X Face.stl
* 1X Joystick.stl
* 1X Trigger.stl

### Attribution

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Documentation: Neil Squire / Makers Making Change