



Under-Desk Button Enclosures - PC Power & Desk Light



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Summary

3D-printable under-desk enclosures for PC power and lighting switches. Fits 12mm, 19mm and 22mm switches.

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Under-Desk Button Enclosures – PC Power & Desk Light

Clean Desk. Hidden Controls. Easy Access.

Tired of reaching behind your PC to turn it on or looking for a convenient place to mount desk-light switches?

I designed these compact, 3D-printable under-desk enclosures to provide a clean and practical way to install switches while keeping your desktop free of clutter.

Both enclosures mount underneath your desk, keeping the switches conveniently within reach without taking up valuable workspace.

Whether you're building a custom PC setup, gaming station, electronics workstation, or DIY desk lighting system, these enclosures offer a simple way to give your setup a more professional appearance.

Two Designs Included

1. Desk Light Button Enclosure

Designed to accommodate:

- **2 × 19mm push buttons**
- Suitable for illuminated metal push buttons
- Ideal for desk lighting, LED strips, or other custom electronics controls

Perfect for controlling separate lighting zones or creating your own custom lighting setup.

2. PC Power Button Enclosure

Designed to accommodate:

- **1 × 22mm push button**
- **1 × 12mm toggle switch**

Ideal for relocating your PC's power button to a more convenient position underneath your desk. The additional toggle switch can serve as an auxiliary function of your choice.

Features

- Compact under-desk mounting design
- Keeps switches easily accessible while remaining discreet
- Dedicated enclosures for different switch configurations
- Compatible with common metal push buttons and toggle switches of the specified mounting sizes
- Simple, functional design
- Great for gaming desks, electronics workstations, and DIY projects
- Fully 3D printable

Printing & Assembly

Both enclosures are designed for FDM 3D printing.

Recommended materials: PLA or PETG, depending on your application and environment.

Check your switch dimensions and available mounting depth before printing, as switches from different manufacturers may vary slightly.

Please note:

- Switches, wiring, and mounting hardware are not included.
- Electrical connections must be made according to the requirements of your switches and equipment.
- For PC power control, use an appropriate momentary switch connected to the motherboard power-switch header.

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Feel free to print these for your own workspace, and I'd love to see photos of your finished setup!

Designed by TD Circuits.

Happy printing!

Model files



desk-light-button-enclosure-19mm-switch.stl



pc-power-button-enclosure-22mm-and-12mm-switch.stl

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