



Slide Lens Cover - HONOR Choice Projector Air Pro



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[VIEW IN BROWSER](#)

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Summary

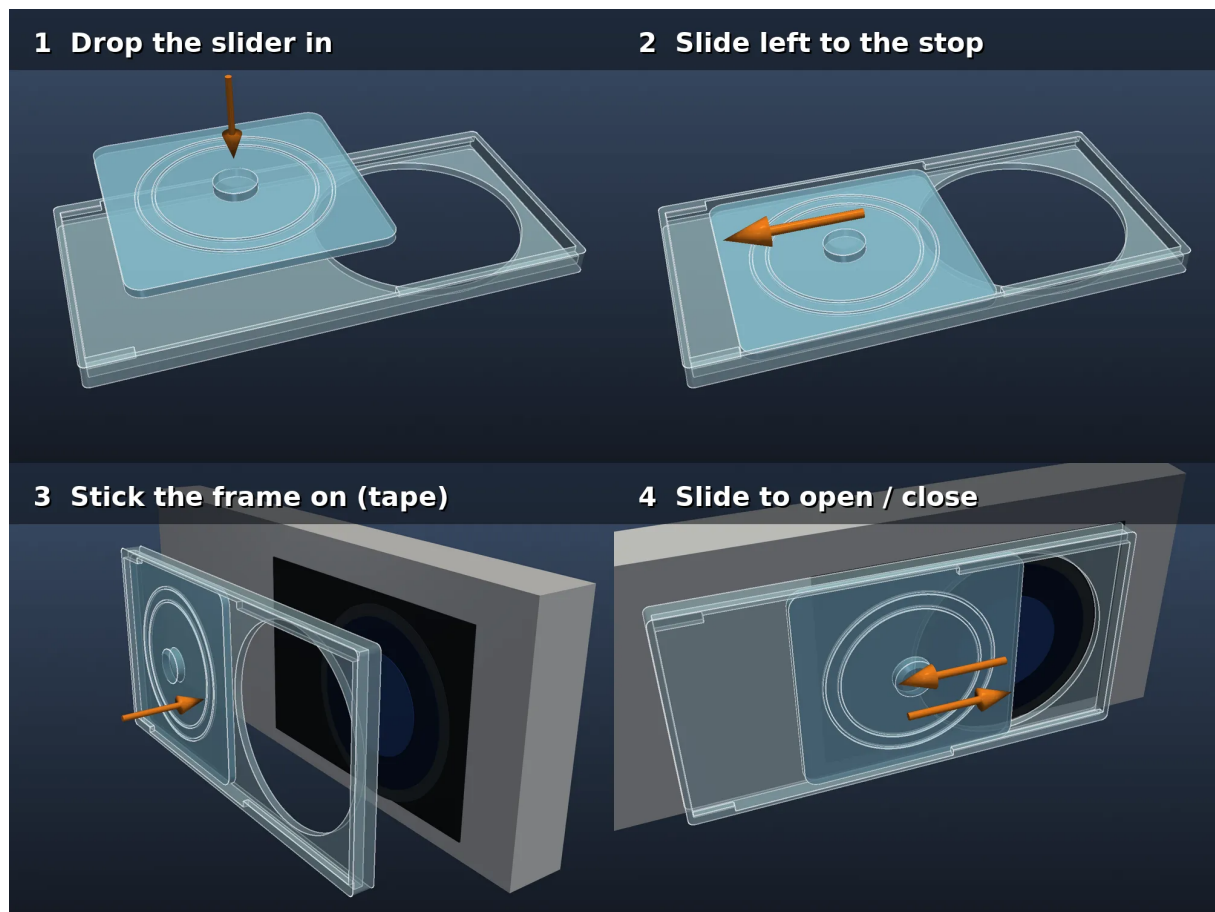
Sliding dust cover for the HONOR Choice Projector Air Pro lens - like a webcam cover.

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Tags: [lens](#) [slider](#) [cover](#) [projector](#) [dust](#) [dustcover](#)
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A sliding dust cover for the projector lens – works like a webcam cover. Keep the lens protected when the projector isn't in use and slide it open when you need it.

The cover consists of two printed parts: a frame that sticks around the lens and a slider that moves inside the frame.



COMPATIBILITY

Designed for the HONOR Choice Projector Air Pro:

40 mm lens in a 65 × 43 mm flat black area

Lens is 5 mm from the right edge of the black area and flush with its bottom, 4 mm above the bottom edge of the projector

Tested only on my own HONOR Choice Projector Air Pro

DIMENSIONS

Frame: 93.8 × 46.0 × 4.7 mm – extends about 29 mm to the left of the black area, so the front of the projector must be flat there

Slider: 46.0 × 43.9 × 4.2 mm (including the grip knob)

Sliding fit clearance: 0.25 mm on the sides, 0.3 mm in height

ASSEMBLY

1. Insert the slider into the open section of the frame (the part without lips).

2. Slide it to the left until it stops – the last 8 mm go under short lips that hold it in place.

3. Attach the frame around the lens with double-sided tape (no glue needed).

4. Slide the cover over the lens to close it, slide it left to open.

△ Always slide the cover fully to the left before projecting.

PRINTING

Print both parts flat, frame with the base plate down

No supports needed

PETG recommended (the only material tested). Clear PETG will let light through the cover. Other filaments may work.

0.2 mm layer height, 2 walls, 15 % infill

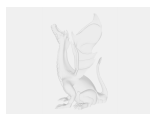
~36 min, ~11 g of filament

A customizable version (lens diameter, lens position, fit clearance) is available on MakerWorld:

<https://makerworld.com/en/models/3463335>

Unofficial accessory – not affiliated with or endorsed by HONOR.

Model files



krytka.scad



krytka_posuvnik.stl



krytka_ram.stl



krytka_plocha.3mf

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