



## meta Quest 2/3/3s Stand Kiwi Design Strap w/Battery



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### Summary

Created wings to hold the Kiwi Design strap to avoid making the quest fall from the stand.

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**NOTE:** no need to print the wings V3 if you decide to print the V4 and viceversa, the same goes for the quest\_stand, the only difference between the 2 is the text on the base.

**Update 03.07.24:** New improved Controller wings and HMD model, the old ones were flat, making the controller slide to the point of falling easily, the new ones are angled so that the controller always goes to the center. The new HMD model doesnt have the old controller holder as its not necessary with the controller wings, this saves plastic and print time.

**UPDATE 4:** I didnt like the position of the controllers as the wings made it hard to remove without hitting them. Now there is a new set of controller wings that clip into the HMD holder as to reposition the controllers at the front for easier access.

**UPDATE 3:** Redesigned a new set of wings holder that shifts the point of contact to avoid straps with battery from tipping backwards due to the weight. these wings also work if you dont have a battery pack but might require more filament/time to print than the V3.

**UPDATE 2:** Re-Meshed the wings “conector” in blender, the V2 was made measuring the physical model, while this V3 is made by using the virtual model, allowing for a perfect fit with the base, they both work equally well, but it might be easier to align the V3, i also added a base without the “VR” text if you prefer.

**UPDATE:** Made a version 2 as i noticed that the strap holder pushed the facial interface a bit inwards leaving a dent on the foam (it goes back to normal after a few seconds but is still annoying), if you printed the old one, i recommend to print the new one to avoid this issue.

## This remix is based on



### Oculus Quest / Rift Stand

by Mike-vom-Mars

## Model files



### qs\_kiwi\_v4\_long.stl

☐ Moved point of contact further back to balance the weight of a battery pack.



### qs\_kiwi\_v3.stl

☐ Improved fit with the quest\_stand, removed a bit of material for less waste.



### quest\_stand\_controller\_wings\_v2.stl

☐ This allows you to place the controllers at the front of the Stand



### quest\_stand\_hmd.stl

☐ Use this if you plan to place the controllers behind the stand

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### kiwi\_stand\_hmd\_no\_wings.stl

☐ Use this model if you plan to use the Controller\_Wings\_v2 file

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### quest\_stand\_blank.stl

☐ base stand without logo

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### quest\_stand\_w\_logo.stl

☐ base stand with "VR" written on it

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### quest\_stand\_caps.stl

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