



## Alex Ovechkin Goal Counter



theEsquire

VIEW IN BROWSER

updated 20. 12. 2022 | published 20. 12. 2022

### Summary

An overly complicated Ovi goal counter



4.49 hrs



4 pcs



0.15 mm  
0.20 mm  
0.10 mm



0.40 mm



PLA



47 g



Prusa  
MK3/S/S+

[Sports & Outdoor](#) > [Winter Sports](#)

I designed this goal counter to utilize the ESP8266 Mini D1 module with the TM1637 display. There's room for wires and a USB-micro power source.

The DIO pin on the TM1637 is D5 of the ESP8266 and the CLK pin is D6.

ESPHome is in the attached text file.

Node-Red or a yaml automation script can cycle the counter between three modes: CAPS GOAL; the Ovi Total; and OFF

I strongly encourage use of JayBlackedOut's NHL integration to HomeAssistant for NHL data and score alerts: <https://github.com/JayBlackedOut/hass-nhlapi>

## This remix is based on



### Washington Capitals Eagle Logo

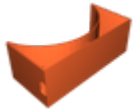
by Rextruction



### Hockey Puck

by Shaun

## Model files



ovi-goals-stand.stl



ovi-goals-front-plate.stl



goal-counter-puck-back.stl



goal-counter-puck.stl

## Print files



ovi-goals-front-plate\_015mm\_pla\_mk3s\_30m.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.15 mm ⌚ 0.50 hrs ⚖️ 4 g 🖨️ Prusa MK3/S/S+



### ovi-goals-stand\_02mm\_pla\_mk3s\_1h2m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 1.04 hrs ⚖️ 10 g 📄 Prusa MK3/S/S+



### goal-counter-puck-back\_01mm\_pla\_mk3s\_33m.gcode

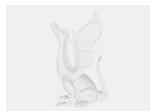
🌀 PLA 🌀 0.40 mm 📏 0.10 mm ⌚ 0.55 hrs ⚖️ 5 g 📄 Prusa MK3/S/S+



### goal-counter-puck\_02mm\_pla\_mk3s\_2h24m.gcode

🌀 PLA 🌀 0.40 mm 📏 0.20 mm ⌚ 2.40 hrs ⚖️ 28 g 📄 Prusa MK3/S/S+

## Other files



### goal-counteryaml.txt

📄 YAML file for ESPHome

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