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# CINESTICKS RC2 ULTRA

## Information Sheet

CineSticks RC2 Ultra are resistive joysticks that use adjustable resistance to give the smooth control that standard little joysticks just aren't capable of.

The RC2 Ultra are designed to fit the standard grey DJI-RC2 and DJI-RC controllers.



### **Read this before use!**

*We suggest you start with the **fatter silicone boots** as they give a full range and are made from softer silicone. For much of its resistance range (from soft-0% to medium firm 50%), the sticks will return to centre, and you can perform a stick start-up. Only confident & experienced pilots should go above 50% as the joysticks may not return to the centre exactly, & you won't be able to perform a stick start-up. For the majority of controllers that perform a pre-flight stick check, it's best to start up with the CineSticks at the softest resistance & with boots lifted up when you start-up, otherwise, you may be asked to recalibrate your sticks.*

*To keep your CineSticks performing at their best, store the CineSticks with the resistance set to low. Please avoid making rapid whip turns when the resistance is set above (50%).*



## Attaching to the Controller

1. Prepare the CineSticks by unscrewing the original joysticks
2. Attach the following in this order;
  - a. Two threaded rods
  - b. Two silicone boots
  - c. Two alloy caps for the silicone
  - d. Two rubber washers(optional)
  - e. Two threaded joystick knobs
3. The rubber washers reduce accidental rotation of the knobs & are mainly for pilots that use the side of their thumbs. Pincher's & Normal Thumber's may not need this.
4. The fatter silicone boots offer the biggest range of resistance adjustment due to its softer silicone (**0%-100%**) and are recommended for most uses. The skinny silicone boots have a limited resistance range from (**-10% to 30%**)



## Adjusting the Resistance

**Always give 2 full rotations to get to 0%. From 0% to 100% resistance there are approx 10 full rotations of the knobs. i.e. 3 full turns = 30% resistance and 5 full turns = 50% resistance**

To get greater resistance in the CineSticks i.e. increase how firm the CineSticks are, adjust them as follows:-

Turn the knob clockwise. Test the resistance to get to the perfect resistance for your own preference.

To decrease the resistance i.e. increase how soft the CineSticks are;- Pinch the neck of the rubber (i.e. stops the base from unscrewing) & turn the knob counterclockwise until you find the right amount of softness / resistance.

