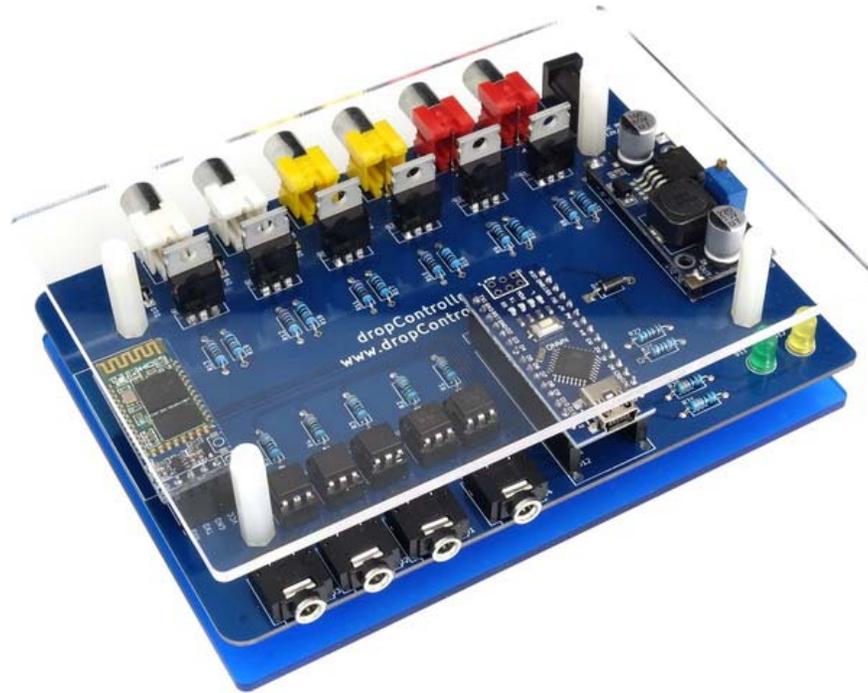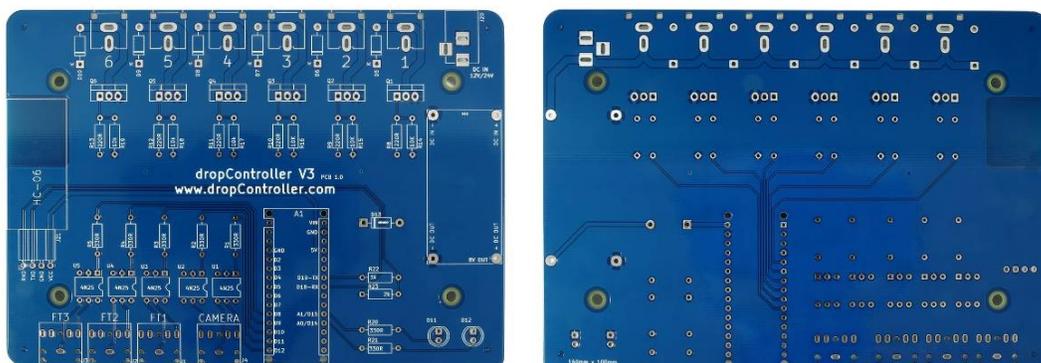# dropControllerV3

Preliminary Price List

Please note that all prices exclude shipping. Shipping costs are available on request.
All items are shipped from Hong Kong, delivery takes 7 to 14 days, and parcels have full tracking.
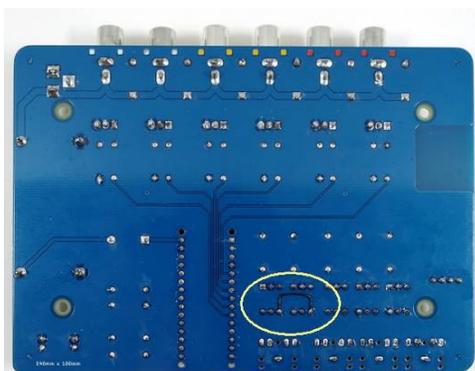
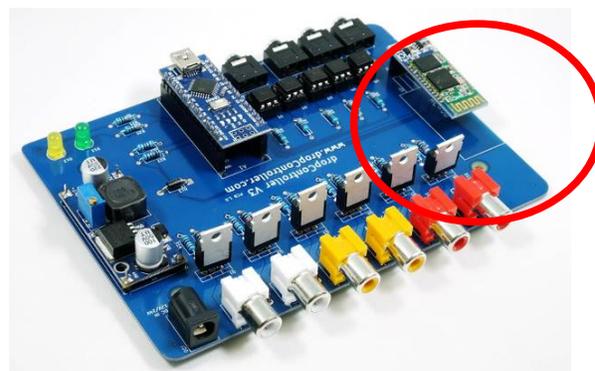# dropControllerV3 PCB v1.0

Price: US$5.00

There are a couple of things to mention about the v1.0 PCB:

1. There is a slight mistake on the PCB (I forgot a ground connection) and a small jumper (included free!) has to be added. Please see the below photo.
2. The space for the Bluetooth module is designed for a module with vertical pins and requires an extra tall right angled connector which I can't get at the moment (the regular connectors are not tall enough), therefore, I have been using BT modules with the pins at a right angle to the module and a straight 4 pin connector. This means the outline on the PCB does not fit the Bluetooth module correctly.

PCB v1.0 requires a jumper

PCB v1.0 is designed for a different BT module

PCB V1.5

Price: US$ 7.00

The new version of the PCB will be available around Nov 11. The new version will not require the jumper, the outline for the BT module will fit better, and 2 different buck converters can be used.
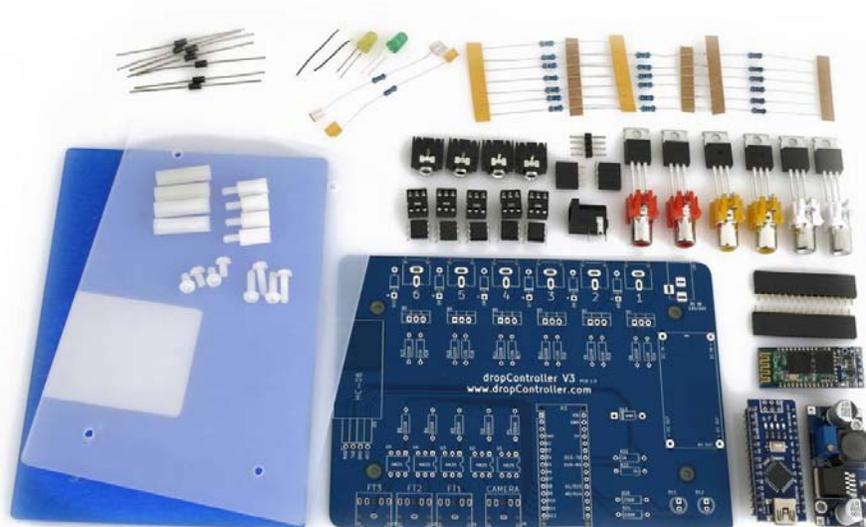
dropControllerV3 Kit

Price: US$75.00

The kit includes all the parts required for the main device, including PCB v1.0, acrylic base and top, the Arduino, the Bluetooth module, and the buck converter. It does not include power supply or leads.

The Arduino is pre-programmed and the Bluetooth module is set up. The buck converter is set to the correct output voltage (8V).

Some basic soldering skills are required to put the kit together and a brief guide is available on the downloads page of the website.

The PCB will be replaced with an updated version around Nov 11. The price will be the same.

dropControllerV3 Kit Plus

Price: US$95.00

Contains the above kit along with a power supply, shutter release lead, and flash trigger lead.
Please state type of power supply plug/country of use when ordering.
Please state the type of camera when purchasing.

Please see below for details about the power supply and leads

dropControllerV3 Fully Assembled

Price US $195.00

Includes dropController, power supply, shutter release cable, flash trigger lead. The shutter release cable shown has been replaced with a coiled type.

Power Supply
Input: 100-240v, 50-60MHz
Output: 24v, 5 amps
Please state type of plug/country of use when ordering.

Shutter Release Cable
Coiled lead* 30-100cm (100cm is fully extended and not really usable at this length).
Please state the type of camera when purchasing.

Flash Trigger Lead
3.5mm jack to PC socket.
Coiled lead, 30-100cm (100cm is fully extended and not really usable at this length).

Power Supply

Price: US $25.00

Input: 100-240v, 50-60MHz
Output: 24v, 5 amps
Please state type of plug/country of use when ordering.

Solenoid Valve

Shako PU220AR-02 24v

Price: US $35.00

The standard water drop valve. Reliable and repeatable performance.

SLGPC PU220AR-02 24v

Price: US $22.00

Similar performance to the Shako. My preferred valve.

Bottle Kit

Price: US $ 12.00

1 x Bottle
2 x Clips
3 x brass nozzles

Please state required sizes when ordering
      Option 1: 3 x 6mm
      Option 2: 1 x 6mm + 2 x 8mm

** Does not include bracket to attach to a stand **

I do not have brackets to attach the bottle to a stand yet. These will be available in the near future. When available the Bottle Kit will be $13.50.

In the meantime I use cable ties to secure the bottle. This works well.