dropControllerV3

Preliminary Price List

Please note that all prices exclude shipping. Shipping costs are available on request.
PCB V1.5

Price: US$ 7.00

The new version of the PCB. Includes the missing ground connection (yeah!), can accommodate 2 different types of DC-DC buck converter, and has a cleaner Bluetooth module footprint.

Notes:

Buck Converter (not for sale. Reference only)
PCV V1.5 can use either of the following buck converters

Variable output
Fixed 9V output

Remember to set the output voltage before connecting to the circuit.
This module is available with different output voltages. Double check you have the 9V version.

Bluetooth Module (not for sale. Reference only)
Ideally use a HC-06 with pins at 90 degree to the board.
**dropControllerV3 PCB v1.0**

Price: US$5.00  4.00

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.

*Only a few left.*
dropControllerV3 Kit

Price: US$75.00

The kit includes all the parts required for the main device, including PCB v1.5, 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.

*Photo shows PCB 1.0. The kit now includes PCB v1.5.

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 dropControllerV3, power supply, shutter release cable, and flash trigger cable.

The shutter release cable has been replaced with a coiled version.

**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 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 usable at this length).
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 and my preferred valve.

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.
Bottle Kit

Price: US $ 12.00

1 x T33 Bottle
2 x Clamps
3 x Brass nozzles*

*Please state required sizes when ordering
  Option 1: 3 x 6mm
  Option 2: 1 x 6mm + 2 x 8mm
  Option 3: 1 x 6mm + 2 x 12mm

** 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 future. When available the Bottle Kit will be $13.50.

I use cable ties to secure the bottle which works well.
Shutter Release Lead
US $4.50

3.5mm to dedicated plug.

Coiled lead 30-100cm (100cm is fully extended and not usable at this length).

Various leads available please state camera make and model when ordering.

Flash Trigger Lead
US $4.50

3.5mm jack to flash PC socket.

Coiled lead 30-100cm (100cm is fully extended and not usable at this length).