



## *Dingo Servo Mounts*

### **Newsletter Christmas 2021.**



Yikes! Where has the year gone?

It seems like just yesterday I was writing a poem for last Christmas bewailing the restrictions placed on us by the Pandemic.

We were hoping for a much better year this year and in a way things have improved.

The Vaccination rollout has enabled us to get back to some semblance of normality and we have even managed a few shows and exhibitions.

My first was the N Gauge show at Leamington Spa and it was quite a challenge getting the stand "Covid" safe, or at least a bit more protected.

It was great to meet folk again and to catch up with what you have all been doing both during the lockdown and subsequently.

It has once again been a good year for Dingo Servo Mounts, both with good sales and a whole range of new product developments.

Sadly the layout has been a bit neglected, but hopefully next year.....

So what's new going forward to 2021?

Most of the new things that will be on sale are improved versions of what we already sell.

### **1. The updated Micro 10 V2**

The Micro 10 has been a real star since it's launch over 2 years ago.

I almost thought it couldn't be improved, but everything can be made better.

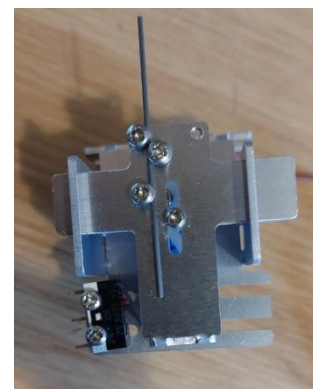
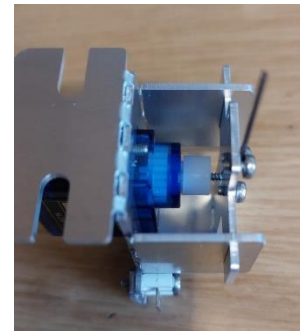
We had a small issue that cropped up now and again with one of the pin clamping screws fouling the servo horn and I have posted a couple of fixes on the web to help resolve this.

Now I have moved the slider out by 0.5mm so that this issue should be properly resolved.

Have no fear if you are using the M8/10 drill jig as I have moved the fixing holes on the new Micro 10 V2 by the same amount so that the jig will still operate as planned.

The second improvement to this mount has been to slot the holes for the micro-switches all the way to the edge of the frame as was done on the Omni mount.

This allows much easier fixing of the micro-switches to the mount especially in awkward situations – under the layout for example.



Dimensions have not changed and the mount will still fold easily with the bending block and will take up the same space under the layout.

I believe these tweaks will make a valuable improvement to the mount and look forward to your feedback once they are on sale.

## 2. An Updated Twin Servo Board



I have had a couple of issues with the twin servo board, usually when the servos have been overdriven against an obstruction which has caused the main regulator to fail. This board has now been redesigned with a larger regulator on board to alleviate this.

Please note that in most cases the boards have worked really well – this is just an added level of protection. At the same time, I have decided to do some colour coding on the board so Servo 2 now has a red connector block to go along with the red LED and the setting pins for this servo are also red.

I am hoping that this will make it simpler to see which setting / servo is which.

*(I certainly get confused sometimes.)*

To avoid confusion this board has been designated MK2

## 3. A Twin “Bouncy” Signal Control Board.

The initial sales and demand for our new “Bouncy” Signal board have been amazing and I have been under the cosh to get enough boards into stock.

Following on from that, and with requests from customers, I have decided to create a Twin version of this unit.

As the circuitry is similar, just a change of processor and firmware, I am using the same PCB.

However, to avoid confusion, the board is marked with a yellow sticker and has the “bouncy” label underneath.

It also has different coloured LED’s and pin markings.

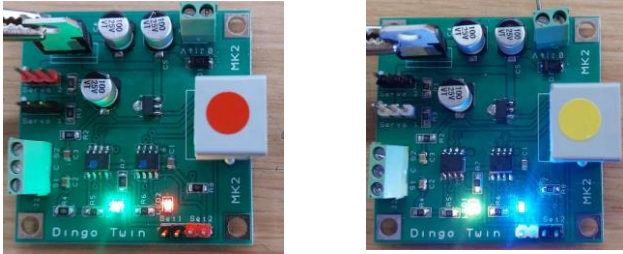
Servo 1 has a White LED, White Servo plug and White setting pins, while servo 2 has a Blue LED and black pins.

Hopefully this will be enough to distinguish between the 2 boards.



In order to keep up with production of these boards I have invested in a Small reflow oven and it certainly makes soldering a whole lot easier.

Here they are lit up so you can see the difference. (Colours are a bit iffy on the camera – the signal board is really white and blue.)



## In other news,

The crossing Gate mount is really proving very popular and there is a video on the products page by John Pay.

He bought a couple of kits from me at the Uckfield show on the Saturday, fitted them and sent me the video so that I could show it off on the Sunday.

Well done John and thanks so much for letting me use the video.

<http://dingoservo.co.uk/crossing-gate-mount.html>

Go to the bottom of the page.

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I have managed to make a deal with the laser cutters so that we can keep prices going into next year.

I have arranged to purchase larger quantities in order to keep prices low.

This means that there will be no price increase in the immediate future.

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I have a few more shows booked for next year, but sadly have had to pull out of the Ally Pally show as I am having some trouble with my right elbow which may well require a replacement surgery next year. I was scheduled to have it this December, but have postponed it until later so that I can keep doing shows for a while yet, albeit smaller shows. Hope to find ways and means to keep going after the surgery.

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Finally, can I take this opportunity to wish you all a very wonderful and peaceful Christmas. Here's hoping it will be better than last year and that we will be able to celebrate with friends and family.

We will be jetting off to Texas to spend Christmas with our 2 sons and their families so won't be able to supply any bit for a couple of weeks.

I will, however, still be picking up my emails and will be able to answer questions etc during that time.

With Kind Regards

Dave

