



Workshop

September 13th, 2018

You are going to hear information as
I understand it, you might ask
another person and get a slightly
different take on things.

Using the Clubs Flash Equipment

✱ *The Ultimate Flash Diffuser Comparison*

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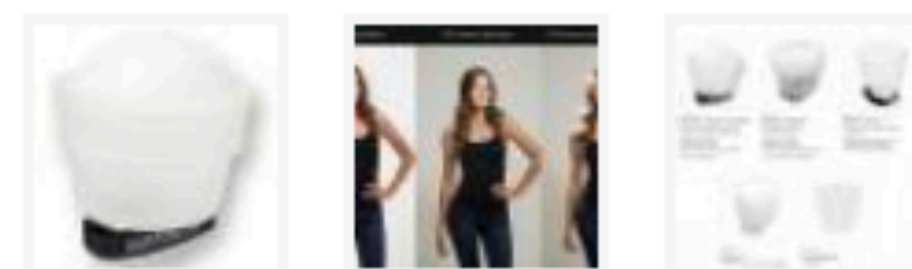
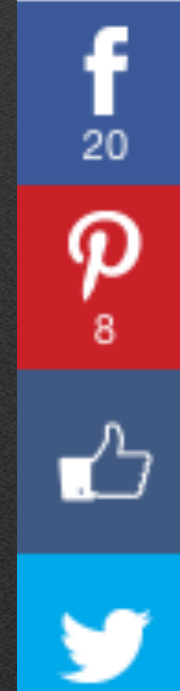
Lightsphere® Collapsible™ Speed Mount

The Lightsphere® Collapsible™ is an invaluable tool for all types of photographers, providing a soft omni-directional light for your indoor photography as well as beautiful fill-light for outdoor portraits.

The new speed strap design allows you to easily and securely mount the Lightsphere to your flash. Once in place, you can rest assured that the Lightsphere® Collapsible™ will stay securely in place, offering an equally tight fit for nearly all flash sizes.

The translucent horizontal rings provide soft, even illumination with a minimum loss of power and its collapsible design allows you to fold it flat for easy storage.

Adding the *(included)* WhiteDome to your Lightsphere will allow you to shoot in situations with a low ceiling where you require less bounce as well as when shooting with the flash pointing directly ahead, you'll have a beautiful soft shoot through diffuser.



Price:

\$59.95

Ask A Question!

Using the Clubs Flash Equipment

✱ *09 Fstoppers Flash Disc ~ \$15*

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Home Décor \$10 & Under with **FREE** shipping

Electronics > Camera & Photo > Lighting & Studio > Lighting > Lighting Controls & Modifiers > Diffusers



Roll over image to zoom in

Meking

Meking 12 Inch (31cm) Gray Card Portable Softbox Multi-function Diffuser for Speedlight Flashlight

★★★★☆ ▾

145 customer reviews | 8 answered questions

Price: **\$12.99** ✓prime

FREE Shipping on orders over \$25—or get FREE Two-Day Shipping with Amazon Prime

In Stock.

Want it Saturday, May 5? Order within **8 hrs 39 mins** and choose **Two-Day Shipping** at checkout. [Details](#)Sold by [Selens-Direct](#) and [Fulfilled by Amazon](#). Gift-wrap available.Color: **12in (31cm)**

- Multifunctional -- Can be a Gray Card ,Black Card,White Card.Help you to Correct the White Balance.No Need to take too much Accessories,Suitable to Outdoor Photograph.
- High Quality Fabric -- Inside of This Softbox Use High Quality Fabric,Which Make Output of The Light Uniform and Soft.
- Folding Design -- It Can be Folded,Convenient Lightweight and Portable,Easy Carry.
- Elasticity Belt -- Built-in Elasticity Belt Inside.Put Your Flash in it and Fixed it by the Elasticity When You Use It.Very Easy to Use.
- Gray Card Panel-- Gray Card Panel Use Special Technique,Durable and Not easy Lose color.

[Compare with similar items](#)New (3) from \$12.99 & FREE shipping on orders over \$25.00. [Details](#)

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Add a Protection Plan:

☐ 2-Year Accident Protection for
\$1.53

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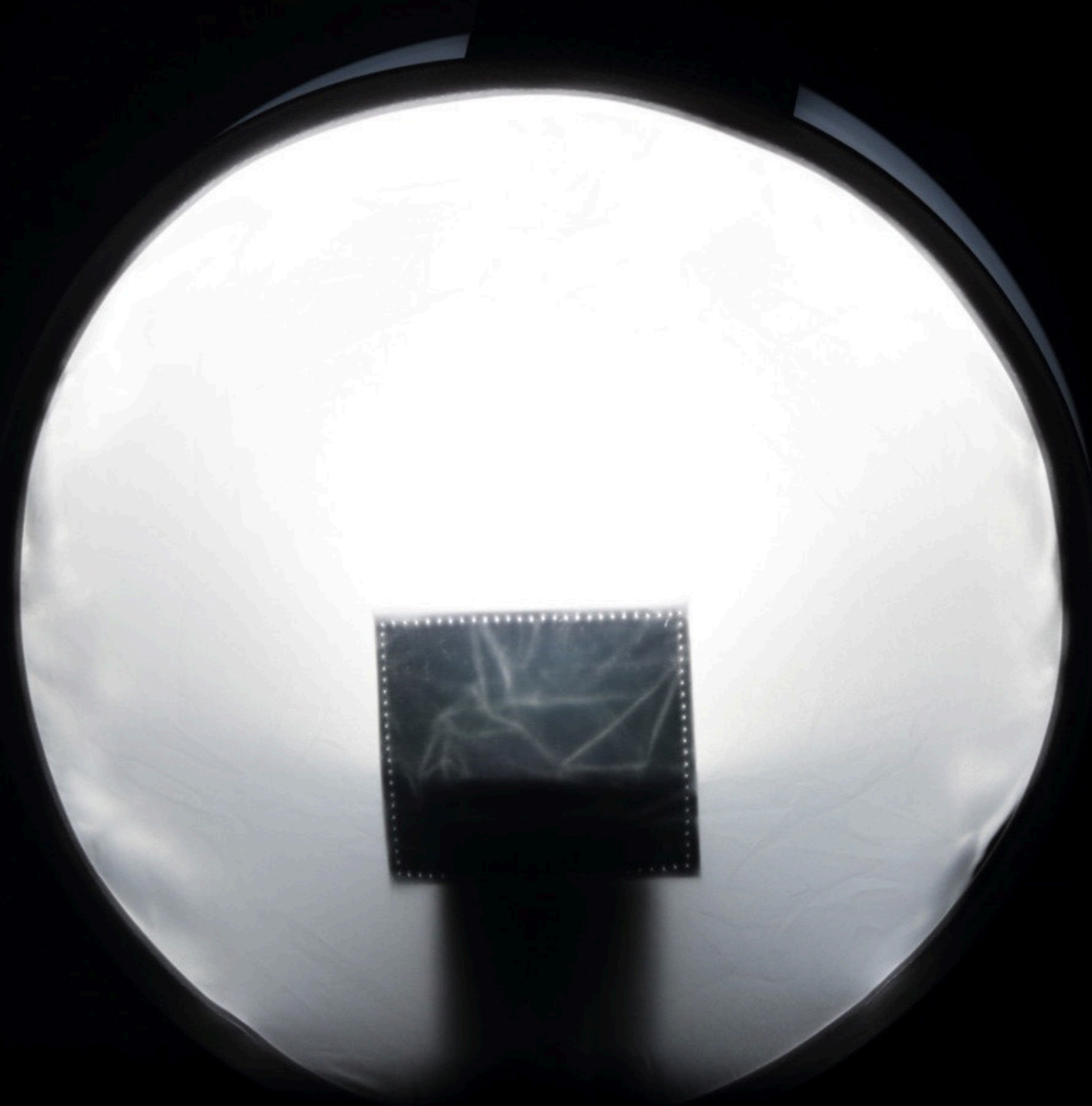
New (3) from \$12.99 & FREE shipping on orders over \$25.00. [Details](#)

Have one to sell?

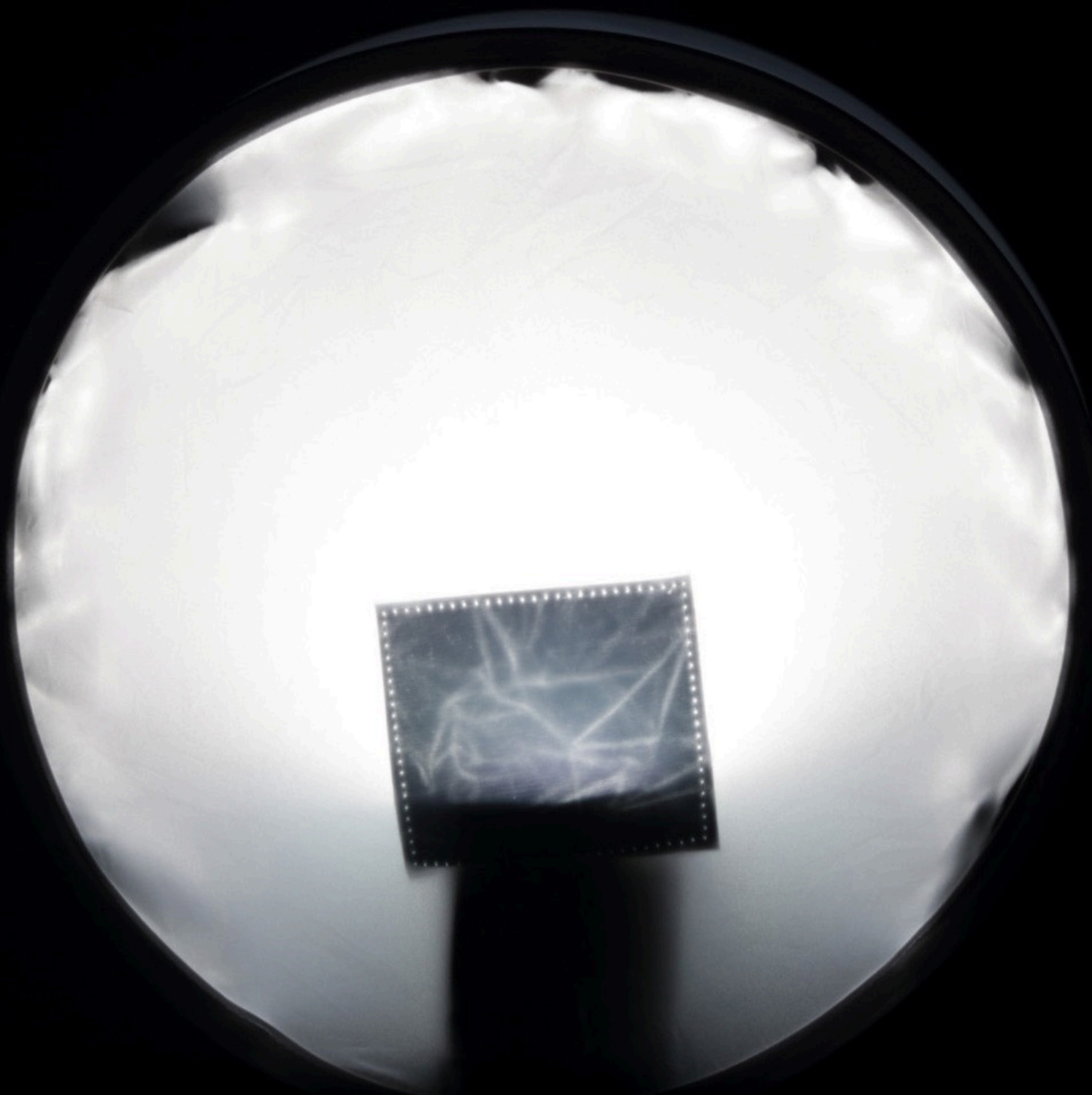
[Sell on Amazon](#)

Using the Clubs Flash Equipment

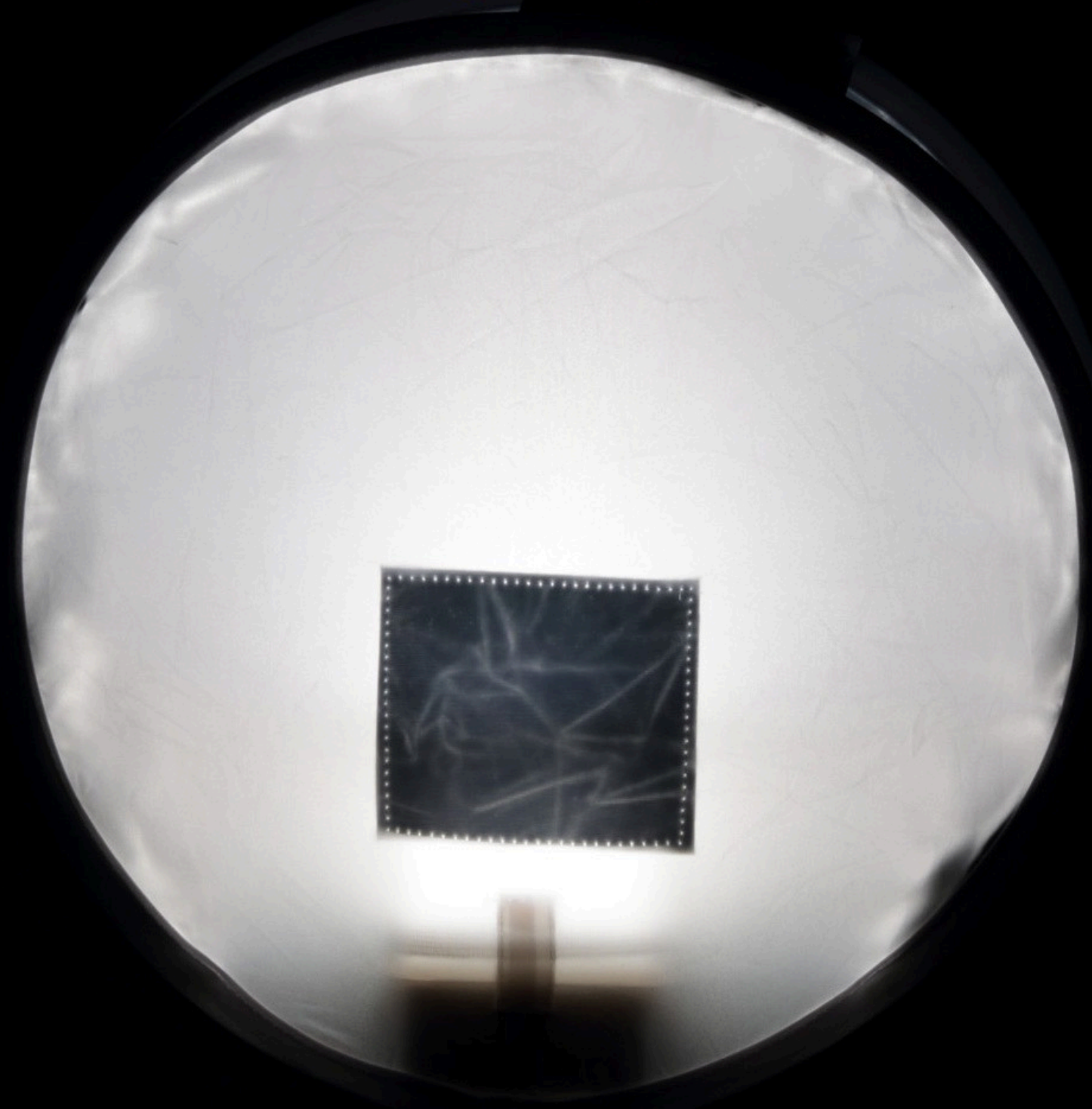
Flash zoom @24



Flash zoom @24 + pull out diffuser



Flash zoom @24 + Pop on diffuser



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Using the Clubs Flash Equipment

Flash zoom @24



Flash zoom @24 + pull out diffuser

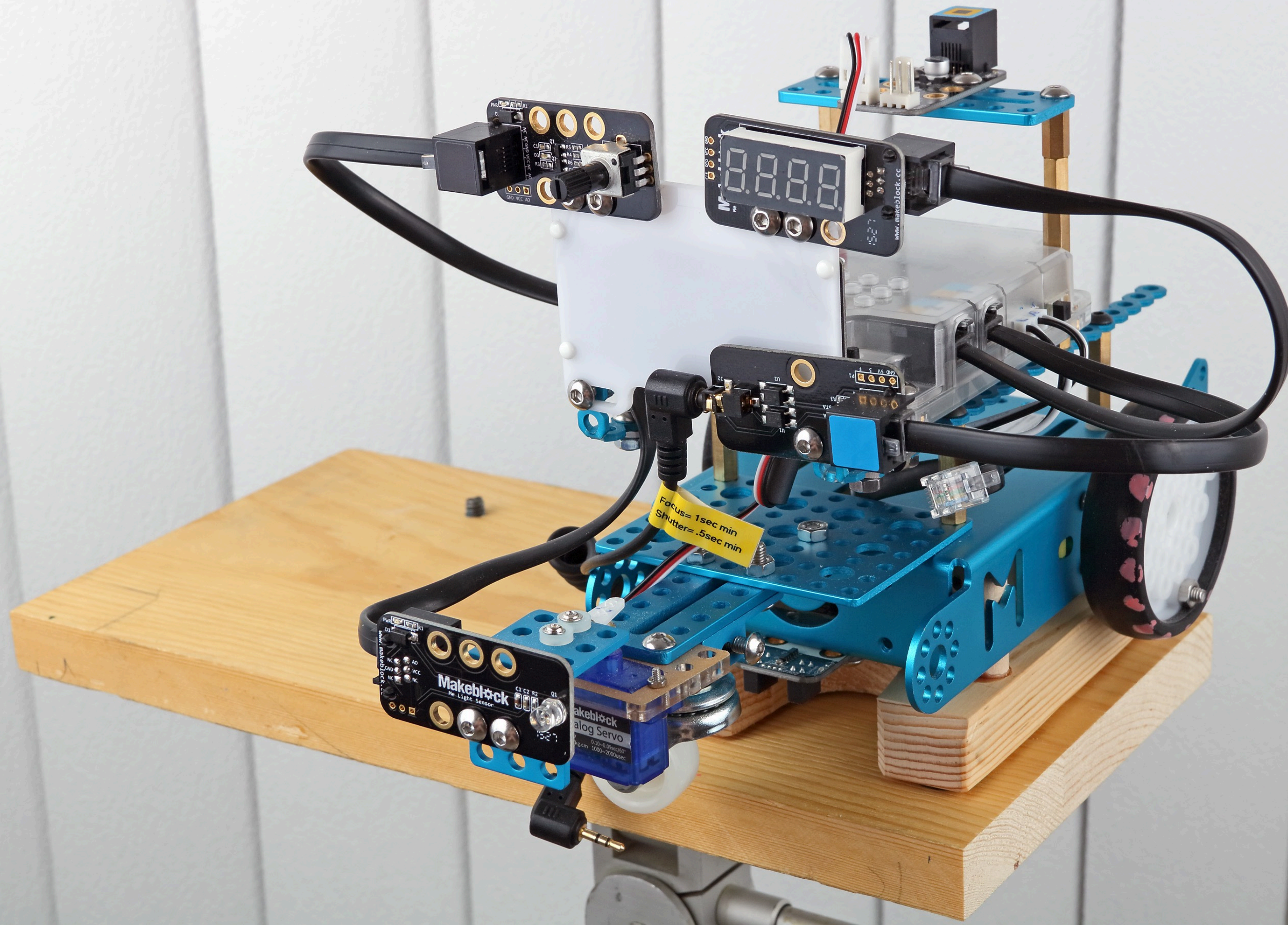


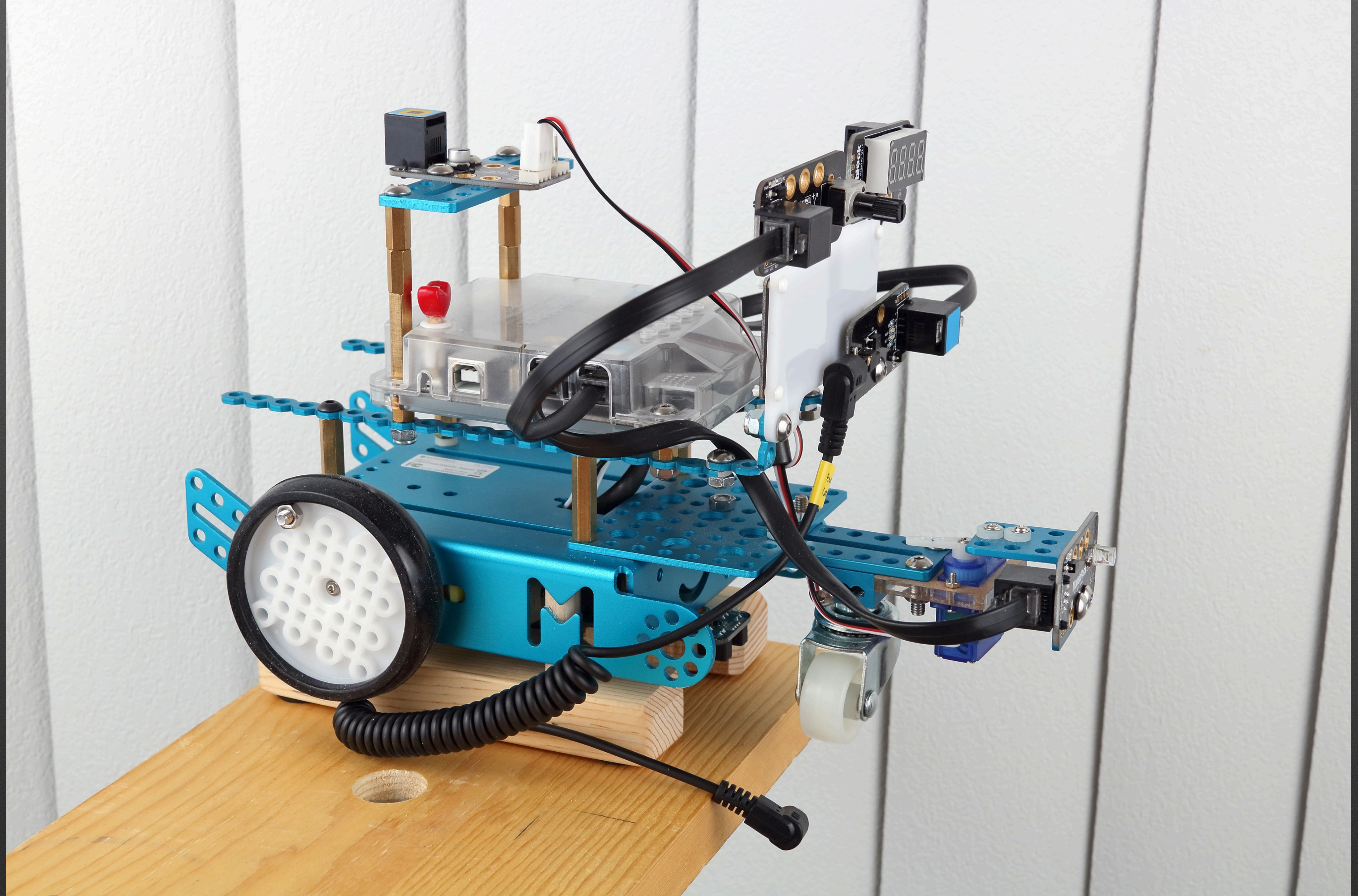
Flash zoom @24 + Pop on diffuser

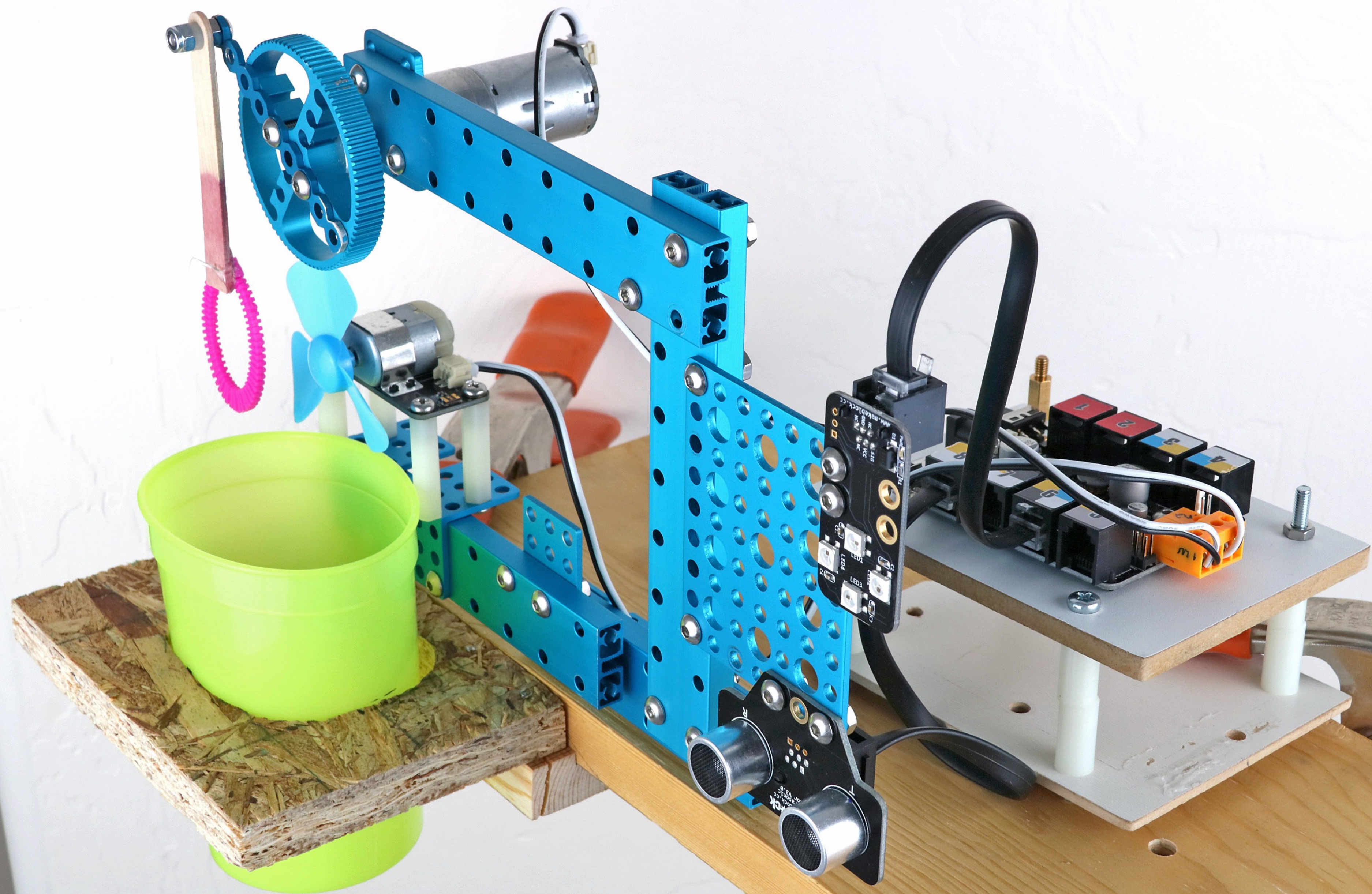


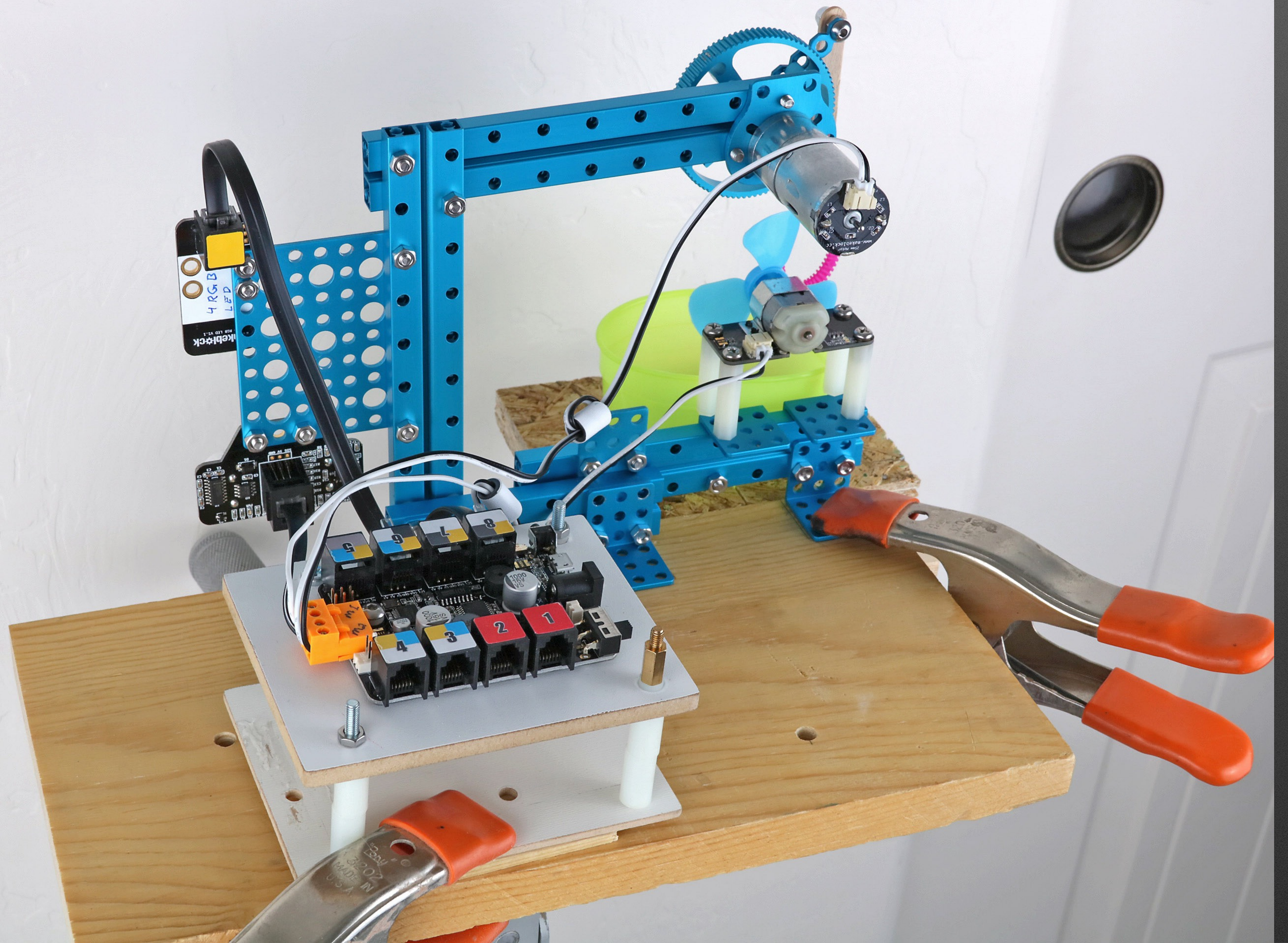
This combination is what I used when
shooting the next 4 pictures

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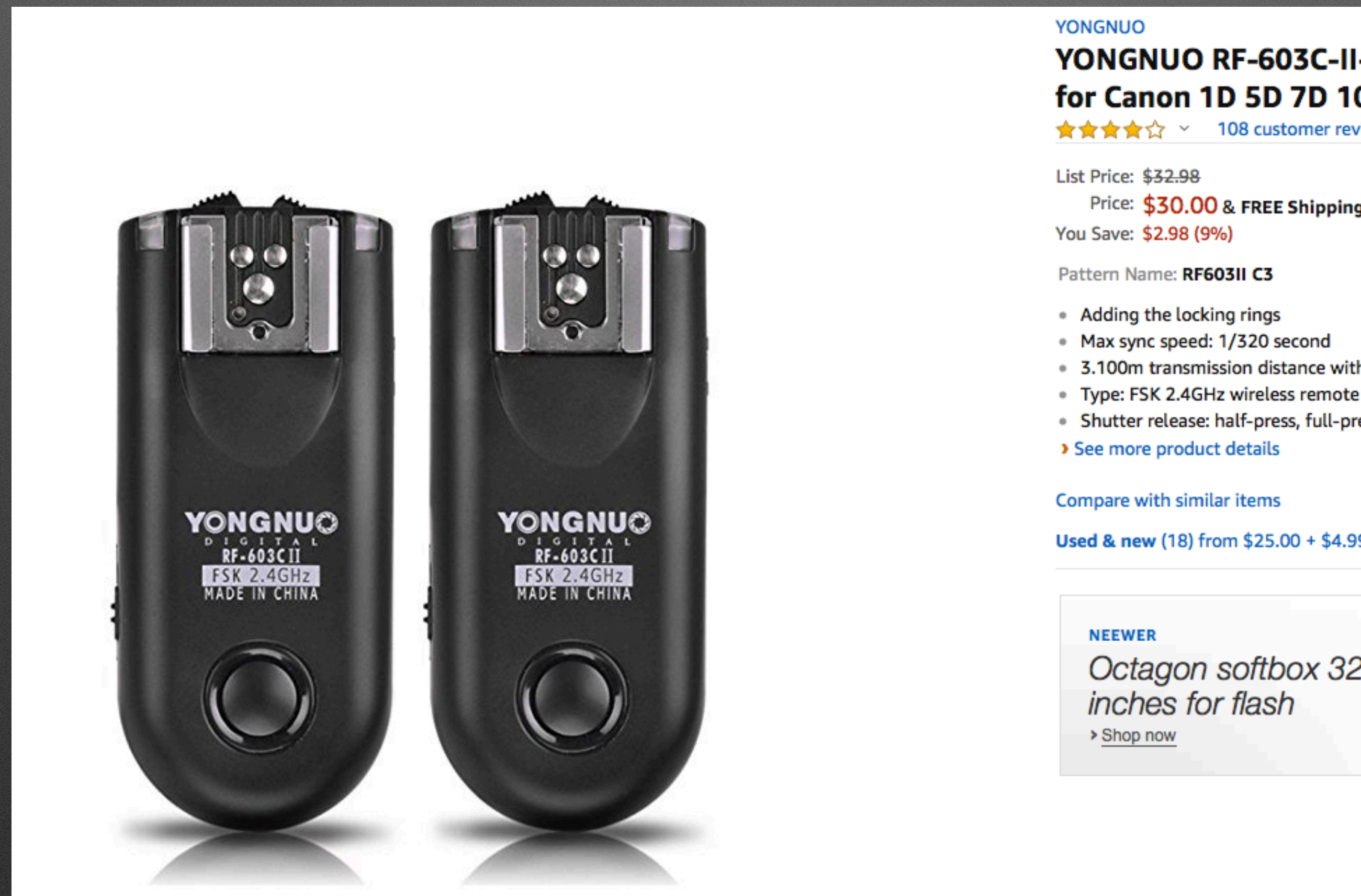
Using the Clubs Flash Equipment

- ✱ *Understand Flash Photography in 10 Minutes or Less*
- ✱ *Improve your photos with just one speedlight with Joey Terrill*

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Using the Clubs Flash Equipment

✱ Yongnuo RF 603 flash Trigger



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Yongnuo 560.IV Speed Light



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Flash Cheat Sheet for Yongnuo YN560 IV Speed Lights

The information for these tables came from the YN 560 IV manual. The manual also warns about not firing the units at full power too many times close together, it can overheat the electronics. The manual also warns not to use LiFePO4 or Lithium Ion batteries with the flashes, **they are not compatible.**
Use only Alkaline or NiMH (Nickel Metal Hydride) batteries.

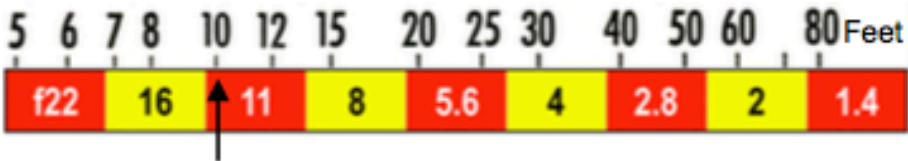
I taped the Yellow table firing at **Half Power** to the top of the flash units. Digital cameras have very fine grain at ISO 200, (giving us the same result as ISO 100 full power) at *Half Power* making it safer for the flashes and giving faster recycle times.

The flashes have no calculator dial on the back so they will be harder to use than flashes from years ago. The **flash** tables below are to help speed up finding the aperture value your lens should be set to. At the flashes 35mm zoom setting, it still has good power and decent flash coverage for most zooms, 18mm to 200mm, with some corner darkening at 28mm and below.

Values Based on ISO 200 @ 10 feet
and a Flash Output Setting of 1/2 (Half Power)

Flash Zoom Settings Below

Power	14	24	28	35	50	70	80	105
1/2	5.0	9.2	9.8	13	13.8	16	17.4	19.0
1/4	3.5	6.5	7.0	9	9.7	11	12.3	13.5
1/8	2.5	4.6	4.9	6	6.9	8	8.7	9.5
1/16	1.7	3.3	3.5	4	4.9	5.6	6.1	6.7
1/32	1.3	2.3	2.5	3	3.4	4	4.4	4.8
1/64	0.9	1.6	1.7	2.5	2.6	2.8	3.1	3.4
1/128	0.6	1.2	1.3	1.8	1.9	2	2.2	2.4



Example: Using the Yellow column above as a guide.

Set your cameras ISO to 200 & shutter speed to between 1/60 and 1/250, stand about 10 feet from the subject. **Flash** set to 1/2 power & the zoom to 35mm. Your lenses correct aperture should be should be about f-13
Your **cameras** ZOOM lens can be set anywhere between about (18mm darker corners) to 135mm and beyond.

The strip of numbers below the table is for distances other than 10 feet, longer or shorter.

If you are standing at less than 10ft. Zoom in
10 feet, set lens aperture to f-13
15 feet, set lens aperture to f-9
20 feet, set lens aperture to f-6
30 feet, set lens aperture to f-4

For me, the 2 lower power setting put out more light than stated, causing about 3/4 of a stop over exposure.

Flash Cheat Sheet for Yongnuo YN560 IV Speed Lights

Open the stand and mount the Umbrella

1. Open the stand by loosening the knob near the legs, the legs are new and tight. Working each leg a little at a time they will begin to open. There is a line on the center shaft of the stand about 10 inches from the bottom. Open the legs until the line is at the top of the leg support, tighten the four cornered knob until it is just snug so we don't crack the plastic. Loosen the bottom stand extension clamp with your thumb, raise the extension as far as it will go and press the clamp back to tighten it.
2. Mount umbrella to stand about 3 inches from the end of the round rod, solid finger tight.
3. Mount the flash to the top of the stand, by sliding it into the shoe mount, its a little touchy, use a coin to tighten it. Make sure its on securely, we don't want the flash to slide off onto the ground. The big round black ring will adjust the flashes rotation.
4. The four cornered knob near the top of the stand adjust the tilt. Hold the umbrella rod near the middle as you loosen the four cornered knob about 2 or 3 turns. Set the angle you want and tighten the know just snug.
5. The two headed wing nut near the top of the stand allows for rotation of the umbrella and flash, a light snug is enough.

Setting up the YN560 Flash on Umbrella

1. Turn Flash on, Half Power and flash zoom to 24
2. Press the third button to the right marked with radio symbol
3. Press it until RX (receive) is on the screen. Ready to go.

Setting up the YN560 Flash on Camera

1. Off, put flash in hotshoe & secure it. Turn Flash on, press the third button to the right marked with radio symbol
2. Press it until TX (transmit) is on the screen. This flash will not go off, its just a trigger. Ready to go.

Setting up the RF603 Trigger on Camera

1. Install batteries & turn RF603 on, each unit can be a Transmitter or Receiver, switch is on the side of unit.
2. Set Transmitter to TX then mount onto camera hotshoe.
3. If you want a flash on camera, mount it to the RN603's hotshoe and turn it on and set to about 1/8 power and zoom to about 24. These 2 settings will probably change.
4. If you use the second flash off camera then use the second RF603 on RX mode.
5. Mount the flash and set the flash to Manual mode
6. Set up Flash as needed for the shot.

These settings will get you in the ball park. You will have to make some tweaks along the way.

If you don't know about the Inverse Square Law of light, now is a good time to learn more about it. It will make the setting used in the tables easier to understand.

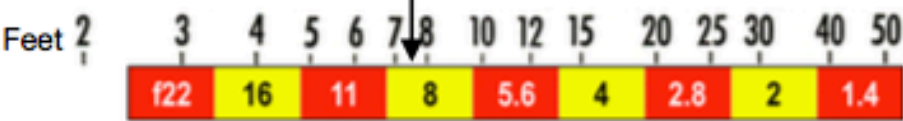
Two flashes sending equal amounts of light measured at the subject will only change your aperture by one stop.

When finished and before returning the equipment, remove all the batteries

Values Based on ISO 200 @ 7.5 feet
and a Flash Output Setting of 1/2 (Half Power)

Flash Zoom Settings Below

Power	14	24	28	35	50	70	80	105
1/2	5.0	9.2	9.8	13	13.8	16	17.4	19.0
1/4	3.5	6.5	7.0	9	9.7	11	12.3	13.5
1/8	2.5	4.6	4.9	6	6.9	8	8.7	9.5
1/16	1.7	3.3	3.5	4	4.9	5.6	6.1	6.7
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1/128	0.6	1.2	1.3	1.8	1.9	2	2.2	2.4



Lets Do This!

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