

GOLD	BLACK	BROWN	RED	ORANGE	YELLOW	GREEN
1R0	10R	100R	1K0	10K	100K	1M0
1R1	11R	110R	1K1	11K	110K	1M1
1R2	12R	120R	1K2	12K	120K	1M2
1R3	13R	130R	1K3	13K	130K	1M3
1R5	15R	150R	1K5	15K	150K	1M5
1R6	16R	160R	1K6	16K	160K	1M6
1R8	18R	180R	1K8	18K	180K	1M8
2R0	20R	200R	2K0	20K	200K	2M0
2R2	22R	220R	2K2	22K	220K	2M2
2R4	24R	240R	2K4	24K	240K	2M4
2R7	27R	270R	2K7	27K	270K	2M7
3R0	30R	300R	3K0	30K	300K	3M0
3R3	33R	330R	3K3	33K	330K	3M3
3R6	36R	360R	3K6	36K	360K	3M6
3R9	39R	390R	3K9	39K	390K	3M9
4R3	43R	430R	4K3	43K	430K	4M3
4R7	47R	470R	4K7	47K	470K	4M7
5R1	51R	510R	5K1	51K	510K	5M1
5R6	56R	560R	5K6	56K	560K	5M6
6R2	62R	620R	6K2	62K	620K	6M2
6R8	68R	680R	6K8	68K	680K	6M8
7R5	75R	750R	7K5	75K	750K	7M5
8R2	82R	820R	8K2	82K	820K	8M2
9R1	91R	910R	9K1	91K	910K	9M1
						10M
						BLUE

Resistor Color Codes [www.PositiveOffset.com](http://www.PositiveOffset.com)

Zapper Frequency Variations using the Breadboard Kit from: **PositiveOffset.com** and a 500-Piece 1/4-Watt Carbon-Film Resistor Assortment (Radio Shack part # 271-312). Exchange the 4.7k resistor between pins 6-7 with any resistor in the assortment to vary output.

- 1k (brown-black-red-gold) = output: **97.2 kHz**
- 1.2k (brown-red-red-gold) = output: **87.1 kHz**
- 1.5k (brown-green-red-gold) = output: **74.9 kHz**
- 1.8k (brown-gray-red-gold) = output: **65.9 kHz**
- 2.2k (red-red-red-gold) = output: **55.7 kHz**
- 2.7k (red-violet-red-gold) = output: **47.8 kHz**
- 3k (orange-black-red-gold) = output: **43.9 kHz**
- 3.3k (orange-orange-red-gold) = output: **40.4 kHz**
- 3.9k (orange-white-red-gold) = output: **34.60 kHz**
- 4.7k (yellow-violet-red-gold) = output: **29.95 kHz**
- 5.1k (green-brown-red-gold) = output: **27.74 kHz**
- 5.6k (green-blue-red-gold) = output: **25.46 kHz**
- 6.8k (blue-gray-red-gold) = output: **21.40 kHz**
- 8.2k (gray-red-red-gold) = output: **18.05 kHz**
- 10k (brown-black-orange-gold) = output: **14.92 kHz**
- 12k (brown-red-orange-gold) = output: **12.53 kHz**
- 15k (brown-green-orange-gold) = output: **10.10 kHz**
- 18k (brown-gray-orange-gold) = output: **8.57 kHz**
- 22k (red-red-orange-gold) = output: **6.98 kHz**
- 27k (red-violet-orange-gold) = output: **5.73 kHz**
- 33k (orange-orange-orange-gold) = output: **4.70 kHz**

- 1 (brown-black-gold-gold) = output: **200.8 kHz**
- 2.2 (red-red-gold-gold) = output: **202.2 kHz**
- 10 (brown-black-black-gold) = output: **207.8 kHz**
- 15 (brown-green-black-gold) = output: **210.2 kHz**
- 22 (red-red-black-gold) = output: **212.6 kHz**
- 33 (orange-orange-black-gold) = output: **214.2 kHz**
- 39 (orange-white-black-gold) = output: **214.6 kHz**
- 47 (yellow-violet-black-gold) = output: **214.5 kHz**
- 51 (green-brown-black-gold) = output: **214.6 kHz**
- 68 (blue-gray-black-gold) = output: **213.3 kHz**
- 82 (gray-red-black-gold) = output: **211.5 kHz**
- 100 (brown-black-brown-gold) = output: **208.7 kHz**
- 120 (brown-red-brown-gold) = output: **205 kHz**
- 150 (brown-green-brown-gold) = output: **199.2 kHz**
- 180 (brown-gray-brown-gold) = output: **192.9 kHz**
- 220 (red-red-brown-gold) = output: **185.5 kHz**
- 270 (red-violet-brown-gold) = output: **175.4 kHz**
- 330 (orange-orange-brown-gold) = output: **165.4 kHz**
- 390 (orange-white-brown-gold) = output: **155.4 kHz**
- 470 (yellow-violet-brown-gold) = output: **145.2 kHz**
- 510 (green-brown-brown-gold) = output: **140.3 kHz**
- 560 (green-blue-brown-gold) = output: **134.1 kHz**
- 680 (blue-gray-brown-gold) = output: **121.6 kHz**
- 820 (gray-red-brown-gold) = output: **110.2 kHz**

- 39k (orange-white-orange-gold) = output: **3.966 kHz**
- 47k (yellow-violet-orange-gold) = output: **3.306 kHz**
- 51k (green-brown-orange-gold) = output: **3.039 kHz**
- 56k (green-blue-orange-gold) = output: **2.780 kHz**
- 68k (blue-gray-orange-gold) = output: **2.295 kHz**
- 82k (gray-red-orange-gold) = output: **1.895 kHz**
- 100k (brown-black-yellow-gold) = output: **1.560 kHz**
- 120k (brown-red-yellow-gold) = output: **1.296 kHz**
- 150k (brown-green-yellow-gold) = output: **1.042 kHz**
- 180k (brown-gray-yellow-gold) = output: **.860 kHz**
- 220k (red-red-yellow-gold) = output: **.693 kHz**
- 270k (red-violet-yellow-gold) = output: **.563 kHz**
- 330k (orange-orange-yellow-gold) = output: **.468 kHz**
- 470k (yellow-violet-yellow-gold) = output: **327 Hz**
- 1meg (brown-black-green-gold) = output: **153 Hz**
- 1.5meg (brown-green-green-gold) = output: **101 Hz**
- 2.2meg (red-red-green-gold) = output: **69.3 Hz**
- 3.3meg (orange-orange-green-gold) = output: **46.3 Hz**
- 4.7meg (yellow-violet-green-gold) = output: **32.5 Hz**
- 10meg (brown-black-blue-gold) = output: **14.8 Hz**
- No resistor, just a Jump Wire = output: **194.3 kHz**

Dr. Hulda Clark published two Zapper schematics, first the 30 kHz Zapper with copper handles, and in later books a low frequency 1000 Hz Zapper to power a North Pole Speaker so one could zap items that cannot hold handles such as food, water, or pets. The Breadboard Zapper Kit sold at **PositiveOffset.com** can be modified to output many other frequencies if you want to experiment with Dr. Clark's extensive frequency list, or the massive *Consolidated Annotated Frequency List*, better known as the CAFL, which is easily found by doing a Google search. Using the Radio Shack 500 Piece Resistor Assortment (part # 271-312) it is easy to modify the Zapper Kit to output 67 different frequencies for very little cost, and still have an analog circuit as described by Dr. Hulda Clark. Other devices out there that offer many frequencies are often digital, and may not have the harmonics this simple circuit offers.

To tell one resistor from another hold resistor so the shiny gold band is on the bottom. Read the stripes of color from top to bottom. Use the color chart above to find the resistor you need to adjust your kit's output to the frequency you desire. Exchange the 4.7k resistor found between G9 - J10 on the breadboard kit (which connects pins 6-7 on the 555 Timer). Output may vary due to 5% tolerance in resistors.

Dr. Clark suggests to not experiment with a Zapper if pregnant or wearing an electronic pace maker. The Clark Zapper has not been licensed by the US Food and Drug Administration as a medical device for use in the cure, mitigation, treatment, or prevention of any disease. The Clark Zapper can only be sold as an experimental device. Although you have the right to experiment with these items, you do so at your own risk. Be sure to read the book, *The Cure For All Diseases* by Hulda Clark for Dr. Clark's frequency list, available at: **HuldaClark.com**