

Specifications MZ6c & MZ6CVS Maestro-Zapper



**Maestro-Zapper : Designer and
manufacturer of electronic devices
intended for well-being**

**<http://www.maestro-zapper.com>
info@maestro-zapper.com**

Some important notices

«Electricity can now be used to kill bacteria, viruses and parasites in minutes, not days or weeks as antibiotics require.

If you have been suffering from a chronic infection or have cancer, or AIDS, learn to build the electronic device that will stop it immediately. It is safe and without side effects and does not interfere with any treatment you are now on.»

The Cure For All Diseases, Dr H. R. .Clark

**If, driven back by despair, you expect a miracle,
this product is not for you.**

We believe in miracles, but we do not sell them.

Legal disclaimer :

We do not prescribe, diagnose, or make any medical claim or advice.

The principles, assumptions or theories exposed in this manual have no medical or scientific value officially recognized.

Please note that Dr Clark's books or devices have not been evaluated by Health Canada (Canada) or Food and Drugs Administration (USA), and then, have not received any guarantee on their effectiveness or their safety.

Zappers can only be sold or used as experimental devices for educational research.

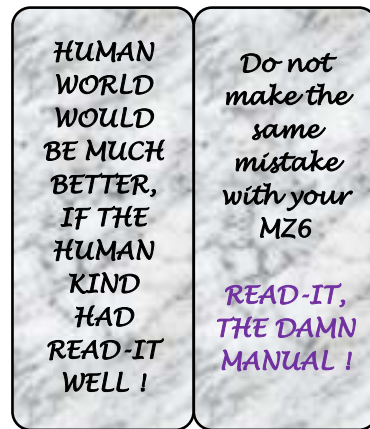
They are not intended for use in the cure, treatment, prevention, diagnostic of any disease.

If illness is an issue, please consult a licensed health professional before attempting any self health program.

By using this information without the approval of a licensed health professional, you are prescribing for yourself, as permitted by law, and you take full responsibility for the results.

These results may vary depending on individuals

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1.0 INTRODUCTION

The present work has been made possible thanks to the open mind of Dr Hulda Clark. Their books had been a source of inspiration and we have quoted her several times. Here is her copyright notice, taken from "The cure for all diseases" :

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All rights reserved.
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document for non-commercial purposes provided
the original copyright notice is included.*



First thing first :

Thank you for your choice and trial, sincerely hoping you will enjoy its use, in the way of your own well-being.



1.1 Received Material



- One (1) MZ6c or MZ6CVS zapper
- ⇒ A pair of connection cables
- ⇒ 2x Copper handhold
- ⇒ This manual Man_E_MZ6

Please note: Due to postal restrictions, we don't include a 9V battery. Be sure you have one ready when your KISS zapper will be delivered.

Alkaline or rechargeable recommended on the CVS (Any other 9V battery will do too).



The standard version has a **Black Spot** on "9V Battery".

The Constant Voltage Source "CVS") has a **Red Spot** on CVS-11V



1.2 General external features

There are 5 major points of interest on the outside of the plastic enclosure.
=1= On the back side, a snap-in cover gives you easy access to the 9V battery.

=2= On the upper side, we have:



The **"ON"** light indicator. Output is done by two banana jacks. The **BLACK banana jack** is the "common" or negative output. The **RED banana jack** is the "live" or positive output.

=3= On the front face, a label reminds the main functions and frequencies of your zapper.

=4= On the left side, you will find the **OFF_Trio-B_Trio-A**, 3 position slide switch.

=5= On the right side, you will find the 3 position slide switch for frequency selection.



The copper paddles are pure (99.5%) copper tubes, 0.87" Dia. and 4.4" long.

We added a copper cap with two openings matching the larger opening, close to the axis of the alligator clip.

By dipping the clip "at the very end" of its opening, the fit is strong and doesn't sleep on the tube.

This arrangement is unique on the zapper`s market.

Connection cables are 39" long (1 meter), with stackable banana connectors at one end, and alligator clips to the other end.



General description

The MZ6 uses a powerful micro-Controller to build all its frequencies, duty cycle, sweep and modulation, out of the reach of a simple 555.

Internal impedance of this zapper is a 806_Ohm, in parallel with a 2.2uF capacitor, boosting the high frequencies made by harmonics.

This High Pass Filter is often called "Super stabilized waveform", and other similar names, by non-technical sellers.

The MZ6 is intended for a daily use, without any claim, but giving you a nice choice of frequencies to experiment with, including the 1kHz frequency for zappicator use.

Six frequencies are built in the memory, with an accuracy of 1% or better : 30kHz, 8kHz to 16kHz sweep, 2.5kHz (narrow sweep), 1kHz, 15Hz and for the first time, 7.83Hz supported by a 10kHz carrier.

In top of all this, the use of sweep frequencies can replace at a much lower cost, the use of a zapper with dedicated modules.

The MZ6CVS has a booster-regulator giving a steady 10.8V to the final stage, from beginning to end of the battery's life. Everything else is identical to the standard MZ6

What else could you ask for, in a hand held zapper?



1.3 Initial Test of your MZ6

Did you buy a 9V battery for your MZ6? *Oops!?*

- Spread out in front of you the received material.
- Close the "ON-Off" switch. Open the snap-in 9V battery cover, in the back of the enclosure (push towards the interior AND downwards, in the place marked with an arrow triangle).
- Connect the 9V battery (Don't worry, your zapper is protected against battery reversal), place the battery in its housing and snap the cover.
- Power-on the zapper (frequency doesn't mater now).
- The zapper passes through a start routine, giving you an indication of the voltage level of the battery. If this sequence works, the micro-controller works.
- Make a short circuit with the output alligator clips, and check the LED indicator: You will easily see the "background" of the LED lighting continuously. Remove the short circuit, do-it again, and see the LED following your contacts. The current detector is showing you when a current is passing through the output, meaning: The zapper is well connected.
- Stop your **MZ6**

We tested all the circuits of the zapper.

1.4 Be careful...

Due to a very restrictive North American Regulation, our devices are not sold or are intended for human use or animal use, in the USA/Canada.

If you want to buy a zapper for personal experimentation, you may order one and may choose to experiment with this device after purchasing it, however, we do not sell it with the intent that it be so used.

This site : <http://www.zapperwise.com> will give you plenty of useful information about these devices and what people do with them.

Additional note: It is always good advise, with any electronic device (including zappers), to avoid its use if you are wearing other vital electronic instruments (such pacemakers), or if you are pregnant.

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Just in case you feel this device is not for you, whatever the reason... Use our 60 days trial and follow instructions to return this material to us, if needed.

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1.5 What is a "Hulda Clark's zapper"?

To "deserve" the name of "zapping Hulda Clark, this device must meet certain criteria established by Dr. Clark herself :

1_ Exclusively DC only.

1a_ To be sure we are always on the good side of the polarity, she ask that the voltage never approach zero, remaining above 0.25V during the treatment. This is the famous "0.25V offset"

2_ The voltage should be sufficient (and safe), meaning between about 5 and 12V.

3_ The role of frequency is not any more to target a particular parasite, but to produce variations in current, being able to easily pass through the natural barrier of the skin.

The zapper is effective if the frequency is between 10Hz and 500 000Hz.

An optimum and safe transfer of energy occurs around 30kHz, with the electrodes used.

1.6 Some information about electrodes

Since July 23 2012, the electrodes (copper tubes) had been improved and new HH3 handhold are now standard with **MZ6**, **MZ6CVS** and **MZ3**.

Copper tube electrodes are the most versatile, reusable electrodes for a general use you could find, far better than EEG, or any other "more convenient" electrodes.

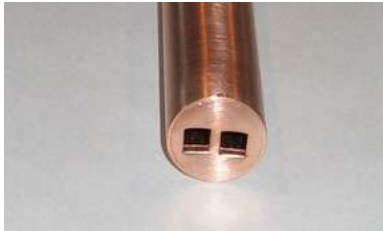
Cables with an alligator clip are also very convenient.

But this combination has a serious drawback:

The clip has a tendency to slip on the shiny copper tube, and the session will end there. That's why all our zappers have a "well connected output" indicator.

Some experimenters clip the alligator over the wet paper. Good hold, but bad connection, and sometimes, the naked metal of the clip irritates the skin at the point of contact.

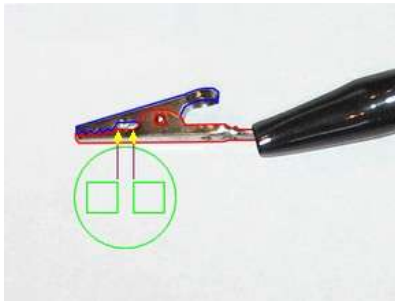
If, like on the previous MZ3 series, we solder the cable on the tube, we lose the benefits of having an alligator clip.



After many trials, we found a good solution:

A copper cap at the end of each tube has been added. This cap has two square holes, permitting to the alligator terminal to clip hard, using the space close to their center.

We have then a very solid hold, very good connection, and no naked metal in contact with your skin.



And you can use the alligator clips on many other kind of electrodes, if you want to experiment with.

A win-win combination...



We are, so far, the only manufacturer offering this kind of copper electrode, making our zappers even better.



Never forget to apply one or two layers of wet kitchen paper towel around your electrodes.

2.0 TECHNICAL GUIDE

Difference between the **MZ6c** and the **MZ6CVS** :

The only difference between these two models is the booster regulator providing a steady 11V to the final stage.

Everything else is identical on both zappers.

To distinguish these two versions, look on the top-right corner of the front face : A Dot tells you which version you have.

A second way to distinguish these two very close versions, is to take the average voltage of the output on the 2.5kHz frequency :

= 8.27V (or less, depending on the battery) (**NoCVS**)

= 10.3V (over 9V) (**10.8V-CVS**)



2.1 Frequencies

Here are the frequencies used on your **MZ6** :

A.1 : 30kHz 1% Duty Cycle 57%

A.2 : 8kHz => 16kHz sweep, 1% Duty Cycle 80% up to 90%.

Used on CA2 sequence

This "frequency", developed by Maestro-Zapper, is in reality a broad sweep frequency, between 8kHz and 16kHz, **producing 255 different pulsed (square) frequencies**, each one producing a multitude of even and odd harmonics.

This sweep is produced with a Random Number Generator for a maximum production of harmonics

A.3 : 2.5kHz 1% Duty Cycle 93.5% In this zapper, it uses a narrow sweep between 2424Hz and 2522Hz to improve its efficiency with **33 different frequencies**.

Something unique and special to Maestro-Zapper

B.1 : 1.0kHz 1% Duty Cycle 90.0%.

B.2 : 15Hz 1% Duty Cycle 90%

B.3 : 7.83Hz 1% Duty Cycle 80%. This frequency makes part of the "Schumann frequencies" (resonant hearth frequencies) and makes part too, of the brain frequencies. This very low frequency is supported by a carrier of 10kHz

Some harmonics of this frequency are interesting :

2¹ = 15.66Hz (Close to 15Hz)

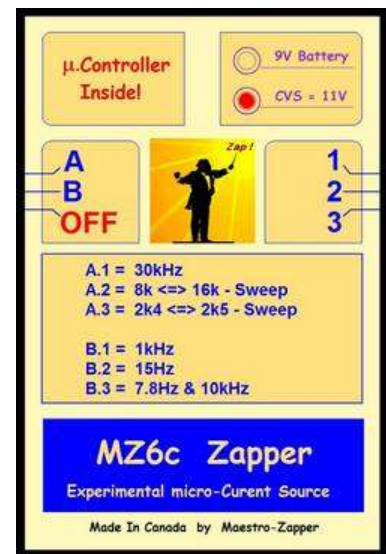
2⁷ = 1 002Hz (Zappicator)

2¹² = 32 071Hz (close to our "standard" 30kHz)

A final note on Square Wave & Duty Cycle :

When Duty Cycle is 50%_On, Harmonics of 1, 3, 5, 7, 9, ... order (Odd) are present. If duty cycle is different, production of other harmonics is possible.

A Duty Cycle of 66% _On, for example, facilitates the generation of harmonics 1, 2, 4, 5, 7, 8, 10, 11, ...



As a simple matter of fact, the longer the On-Time, the more of strong harmonic energy is created.

Direct current has them all, but then, we have no more frequency to easily go through the skin... A practical limit exists on the use of a zapper.

For more information about the (hypothetical) effect of frequencies, in the use of a zapper, visit these pages with MUCH more information

http://www.zapperwise.com/e_frequency_30k.html

2.2 Troubleshooting Guide

All **MZ6** zappers are tested in factory. All, including yours.

- End of battery life is the most common trouble (:-).
 - Cable connections (alligator clip) are the 2nd most common problem.
- Note on MZ6 : The ON light, directly connected to the CPU, will give you a rudimentary indication that the CPU is functional : If the starting sequence is operational, the CPU is operational, and your MZ6 is operational.

The "ON" indicator does not light :

Explanation: When the battery is too weak, the CPU stops itself any activity. Change battery and try again.

Note: Some "old & exhausted"" batteries read a "normal" voltage with a voltmeter, but are unable to work with a normal current. Trying a new one is a good and cheap way to solve this problem

Check of output with a voltmeter : MZ6.

With a new battery (SHD or Alkaline) you should have the following readings :

30kHz : 5V	2.5kHz : 8V;	15Hz : 6.8V (variable)
10kHz : 7V	1kHz : 7V	7.83Hz : 4.2V to 5.2V (variable)

Check of output with a voltmeter : MZ6-CVS.

With a new battery (SHD or Alkaline) you should have the following readings :

30kHz : 6.3V	2.5kHz : 10.3V;	15Hz : 8.3V (variable)
10kHz : 8.8V	1kHz : 8.9V	7.83Hz : 5.6V to 6.5V (variable)

Note : normal VOM or DDM can give different readings, depending on how they react to frequencies. Generally speaking, they will give a reading between 1/2 and 3/4 of the battery's voltage with the MZ6. Different readings could depend on voltmeter calibration and duty cycle of the frequency.

**Check the MZ6CVS, with the 2.5kHz having a duty cycle of 93% : Voltage is over the 9V battery, Normal with its Constant Voltage Source at 11V
The MZ6 will show, with same 2.5kHz frequency, a voltage under the 9V battery.**

Let us know about your problem, for an immediate correction.



3.0 INFORMATION

3.1 Technical Specifications MZ6

- ◆ Case : ABS 4.1"x2.625"x1.1" .
- ◆ **CMOS design. uC driven for most internal functions. SMD components, 1% on critical components**
- ◆ PCB : 2 layers, industrial grade
- ◆ Works well with all 9V batteries, Alkaline recommended
- ◆ Protection against battery reversal.
- ◆ **Beware: Battery chargers outrange this maximum. Do not connect them to our zapper!**
- ◆ Offset : 0.6V
- ◆ Level of battery's voltage indicator at the start of a session.
- ◆ Copper handles 4.4" length and 0.87" Dia for a comfortable use
- ◆ **MZ6CVS ONLY : Booster-regulator giving to the output stage a constant 10.8V, from begin of battery (9.5V) to end of battery (5.5V)**



6 frequencies in memory

- ◆ 30kHz 1%, Duty Cycle 57%
- ◆ 10kHz 1%; D/C 90%
- ◆ 2.5kHz Narrow sweep frequency from 2424Hz to 2522Hz in 33 individual frequencies. D/C 93.5%
- ◆ 1.0kHz 1% D/C 90%
- ◆ 15Hz 1% D/C 90%
- ◆ 7.83Hz 1% isochronic modulation with a 10kHz carrier
- ◆ Frequency cut-off at -3dB : 3.5MHz
- ◆ High Pass Filter on output to boost harmonic frequencies. This circuit is often named "Super Stabilized waveform" or other similar names.
- ◆ Consumption at battery level : 1.9mA no load (**MZ6**), 3.3mA with **MZ6CVS**
- ◆ Autonomy on evaluation. 72h non stop with a SDH battery, much more with an alkaline battery



3.2 Useful references

Here are some interesting Internet sites :

www.HuldaClark.com :

H.Clark approved herb sources, books, zappers.

www.naturalhealthsupply.com :

Products found on H.Clark's published Source List.

www.drclarkbooks.com :

You will find all the Dr. Clark's books, and many others.

www.mercola.com :

My best source of "official" health information.

www.electroherbalism.com/bioelectronics/ :

Good source of information about frequencies.

<http://curezone.com/forums/f.asp?f=292>

Forum with many interesting topics, including a "Zapper & Pulse Generator Support Forum" Recommended.

www.maestro-zapper.com : Our site is actually (2010) in French and English.

You will find most general information and how to use zappers (and much more) in this complementary site :

www.zapperwise.com : This site is devoted to H. Clark's zappers and other micro current devices. The best source of zapper's schematics in the Web.

Visit this Internet site for an up-to-date documentation on zappers, links, references and related subjects.

3.3 Other products of Maestro-Zapper :



The KISS Zapper (MZ4V03) is built around a CMOS 555 and as such is a "conventional" zapper. The KISS Zapper is a two frequency zapper with a high pass filter on the output (Super stabilized wave form). Packaging makes-it the smaller 2 frequency zapper in the actual world. There is no timer on this model: The frequency leaves as long as the switch is on. Output current indicator (Output well connected) included.



MZ6

There is now (Nov. 2012) 4 different versions of this zapper:

MZ6: 6 frequencies

MZ6CVS: 6 frequencies + 11V regulator

MZ6AK: 5 frequencies + Deep Sleep program

MZ6AK_CVS: 5 frequencies + Deep Sleep program + 11V regulator



**MZ6CVS
MZ6AK
MZ6AK_CVS**



The MZ3c is a full featured zapper using extensively frequencies (a total of 287 different ones) and a VCCS (Variable Constant Current Source, from 1.5mA to 7mA peak)) to dramatically improve its efficiency and safety.
⇒ **6 different frequencies** (30kHz, FV (Large Sweep), 2.5kHz (Narrow Sweep), 1kHz, 15Hz and 7.83Hz.
⇒ **4 different sequences**, including 7-20, 28-20, DS (Deep Sleep) and 3h continuous.
This zapper is a nice and cheaper option to the much more expensive "modular frequency" zapper.

It is aimed toward the health professionals, as well as to the experienced zapper, wanting a device ready for plate zapper, homeography, zappicator, and using the most advanced Constant Current Source in the market.



Since Sept, 2010, a new line of products are available at Maestro-Zapper :

CSG01F-Auto : With a Constant Current Source (CCS) of about 9uS, 18uS, and automatic stop (and a manual mode)

Colloidal Silver (CS) has a thousand and one uses in the home, and is a wonderful complement to any zapper use.

The versions presented here had been designed to provide a quick way to produce 6 to 16oz of CS at an optimum 10 to 22ppm, in a few hours.

Compared to competition or similar CSG, this one easily stands up for price and performance.

3.4 Warranties, and return policies

Return instructions :

Please, e-mail us at : info@maestro-zapper.com

With a short explanation of your request :

Money Back Return :

* Date of purchase, P/O number, Model, Reason of return for our «return statistics» only (no argument intended).

Repair Return :

* Date of purchase, P/O number, Model, How «it» happened, what is wrong.

You will receive Email instructions for a quick return, repair or refund.

Please, note that transport & insurance costs are under your responsibility.

Warranty against defects (All MZ products) :

Assembled units are guaranteed against defects in materials and workmanship for a period of 12 months from date of purchase. Not covered by this warranty, are damages resulting from misuse, abuse, neglect, accidents, or acts of god and nature.

At our option, we will either repair or replace a defective unit or part which is covered by warranty. It is the customers obligation to provide shipment to our service center for repairs.

We will provide return shipment by standard ground delivery.

The customer may request special delivery at his/her own expense.

Trial or Money Back Guarantee : (Not applicable to CSG)

If after receiving your Maestro-Zapper parasite zapper you are not fully satisfied with the product, you may return it within 7 days after receipt :

In new undamaged condition for a full refund of the unit cost, excluding Shipping and Handling cost.

If, after use of your Maestro-Zapper, you find, whatever the reason, that this device is not made for you, you may return it within 60 days after receipt:

In nearly new condition, understanding they have been used and not abused. A charge of 15% of the initial cost will be removed from the full refund.

If returned : Worn or not functional. The nature of the problem will be investigated. If it is a guarantee problem, a charge of 15% will apply. Otherwise, a charge not exceeding 70% of the initial cost will be removed from the initial cost.

Not covered by this warranty, are damages resulting from misuse, abuse, neglect, accidents, or acts of god and nature.

Please note that only brand new material (or looking alike at our point of view) will qualify for a full refund.

So, please treat them kindly and keep everything as received, at least for 60 days 😊.

Please, follow «Return instructions».

Full refund means : Initial price as it appears in the bill (without shipping, handling or insurance).

Annex 1

Nominal frequencies generated by the 2.5kHz narrow sweep. Frequencies in Hz

2426	2427	2429	2430	2432	2433	2435	2436	2438	2439	2441	2442	2443
2445	2446	2448	2449	2451	2452	2454	2455	2457	2459	2460	2462	2463
2465	2466	2468	2469	2471	2472	2474	2475	2477	2478	2480	2481	2483
2484	2486	2488	2489	2491	2492	2494	2495	2497	2498	2500	2502	2503
2505	2506	2508	2509	2511	2513	2514	2516	2517	2519	2520	2522	2524
2525	2527											

Everyone of these frequencies will make a high number of odd and even harmonics, due to the very long duty cycle of the wave form (Duty Cycle = 93.5%).

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Annex 2

Nominal frequencies generated by the FV broad sweep. Frequencies in Hz

7937	7952	7968	7984	8000	8016	8032	8048	8065	8081	8097
8114	8130	8147	8163	8180	8197	8214	8230	8247	8264	8282
8299	8316	8333	8351	8368	8386	8403	8421	8439	8457	8475
8493	8511	8529	8547	8565	8584	8602	8621	8639	8658	8677
8696	8715	8734	8753	8772	8791	8811	8830	8850	8869	8889
8909	8929	8949	8969	8989	9009	9029	9050	9070	9091	9112
9132	9153	9174	9195	9217	9238	9259	9281	9302	9324	9346
9368	9390	9412	9434	9456	9479	9501	9524	9547	9569	9592
9615	9639	9662	9685	9709	9732	9756	9780	9804	9828	9852
9877	9901	9926	9950	9975	10000	10025	10050	10076	10101	10127
10152	10178	10204	10230	10256	10283	10309	10336	10363	10390	10417
10444	10471	10499	10526	10554	10582	10610	10638	10667	10695	10724
10753	10782	10811	10840	10870	10899	10929	10959	10989	11019	11050
11080	11111	11142	11173	11204	11236	11268	11299	11331	11364	11396
11429	11461	11494	11527	11561	11594	11628	11662	11696	11730	11765
11799	11834	11869	11905	11940	11976	12012	12048	12085	12121	12158
12195	12232	12270	12308	12346	12384	12422	12461	12500	12539	12579
12618	12658	12698	12739	12780	12821	12862	12903	12945	12987	13029
13072	13115	13158	13201	13245	13289	13333	13378	13423	13468	13514
13559	13605	13652	13699	13746	13793	13841	13889	13937	13986	14035
14085	14134	14184	14235	14286	14337	14388	14440	14493	14545	14599
14652	14706	14760	14815	14870	14925	14981	15038	15094	15152	15209
15267	15326	15385	15444	15504	15564	15625	15686	15748	15810	15873
15936	16000									

Everyone of these frequencies will make a high number of odd and even harmonics, due to the very long duty cycle of the wave form (Duty Cycle = 80% to 90%).

Maestro-Zapper

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