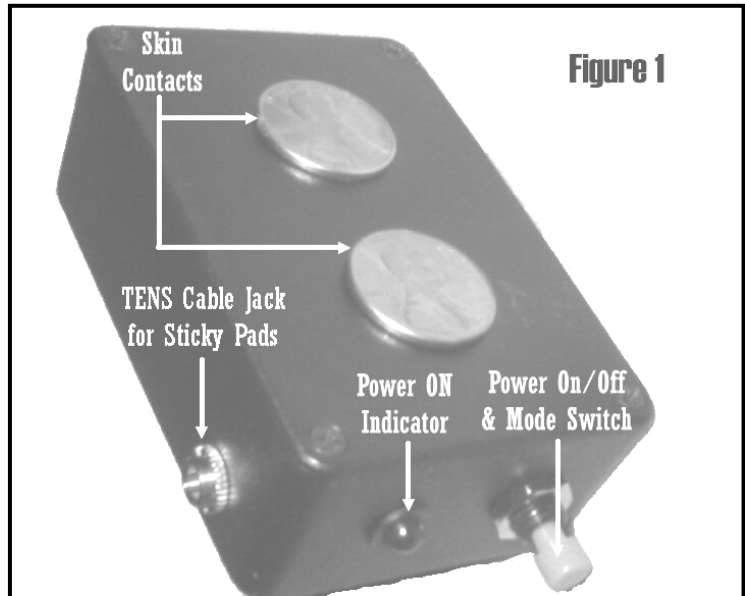


# Waveform Generator Model WG-100

## WG-100 USAGE INSTRUCTIONS – READ BEFORE USING

**DISCLAIMER:** This device is for private personal use only and is not for resale.

The intended use of this research device is to drive experimental electronic circuits. Any usage involving wellness-related research and alternatives are strictly experimental in nature and done so at the user's discretion. People with pacemakers and in early months of pregnancy should not use the device for such purposes. It is understood that the user accepts full responsibility for their individual actions and that no claims of cures or improvement in wellness are stated and/or implied. **The WG-100 is not a TENS unit.**



*Unit shown is for reference only, that supplied may vary slightly.*

<p>What is the WG-100?</p>	<p>The WG-100 is a portable, battery-powered, microprocessor-controlled, simple fixed-frequency waveform generator that outputs one of five user-selectable frequencies using a single pushbutton switch. The power status is indicated by a single red LED indicator. Each frequency is referred to as a "Mode". In that respect, the WG-100 has five "Modes" of Operation plus "off". The WG-100 is supplied with a "TENS-type" cable and four "sticky" medical electrodes.</p>
<p>What frequencies does the WG-100 emit?</p>	<p>The WG-100 emits five pre-programmed user-selectable frequencies, which are: 1) 2500 Hz, 2) 6000 Hz, 3) 880 Hz, 4) 111 Hz and 5) 26 Hz. These are referred to as "Mode 1" through "Mode 5" respectively.</p>
<p>What special features are sported by the WG-100?</p>	<p>The WG-100 is housed within a 3"x2"x1" black plastic enclosure containing two (2) "AAA" size cells and an electronic circuit board. The output signal is a square wave rich in harmonic frequencies, which means more frequencies are created throughout the frequency band than just the base fundamental frequency. The output of the WG-100 is derived through the 3.5mm jack or the "skin contacts" (which may be pennies or dimes). For conservation of battery power, the WG-100 features an auto-power-off function, which duration is determined by the mode selected. Since the WG-100 employs digital signal generation, the accuracy of the frequency is better than +/- 0.5%. Note that <i>exact</i> frequency accuracy is not necessary to gain wellness benefits from the WG-100.</p>
<p>Are there any wellness-related benefits to those particular frequencies?</p>	<p>Experimental research and user testimonials have indicated that the five modes of operation that the WG-100 supports have wellness-related benefits with respect to eradicating <u>biological pathogens</u> from people.</p>
<p>Can the WG-100 cause damage to me if I use it for wellness-related benefits?</p>	<p>Aside from those possible "topical issues" and "side effects" detailed further along in this document, there is not enough energy produced by the WG-100 to harm the body's various internal organs thus no damage can occur. Conversely, all the damage occurs to the pathogens existing within the body, as it only requires a small amount of energy to cause the damage to them. <u>Women in early months of pregnancy should exercise caution.</u></p>

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<p>How do I connect the WG-100?</p>	<p>Referring to the photo in figure 1, the WG-100 can be connected to the test circuit with a test cable using the 3.5mm jack on the unit. If one is using the WG-100 for experimental wellness reasons, the unit may be fastened under the clothing, with the "skin contacts" against the skin over or near the area desiring stimulation <u>or</u> on the left wrist using an ace bandage, tennis sweatband, etc. One may also use it with a cable (with medical sticky-pad electrodes) connected to the 3.5mm jack (such as those typically used with a TENS unit).</p> <p><b><u>WARNING: NEVER ATTACH THE WG-100 OUTPUTS TO YOUR HEAD!! And never apply lotions or oils to the area of the skin where the skin contacts are to be used.</u></b></p>
<p>How do I power on the WG-100?</p>	<p>When the WG-100 is powered off, the indicator LED will be extinguished. Press and hold the pushbutton switch until the indicator LED illuminates. Release the pushbutton. The indicator LED will blink <u>off</u> one (1) time thus indicating the unit is running in "mode 1".</p> <p><b><u>NOTE:</u></b> The WG-100 has a ¾ second pushbutton "lockout". This is to prevent power up and/or mode switching by accidental bumping of the pushbutton switch.</p>
<p>How do I change modes on the WG-100?</p>	<p>The WG-100 switches modes by using the pushbutton switch. To change modes, press and hold the pushbutton until the indicator LED extinguishes. The WG-100 will acknowledge the mode change request by re-illuminate the indicator LED. Release the pushbutton. The WG-100 will blink the indicator LED <u>off</u> from one (1) to five (5) times (depending on the new mode).</p> <p><b><u>NOTE 1:</u></b> If the pushbutton is pressed and released before the ¾ second lockout time has expired, the WG-100 will re-illuminate the indicator LED immediately.</p> <p><b><u>NOTE 2:</u></b> If skipping past undesired modes, there is no need to wait for the WG-100 to finish blinking the indicator LED before pressing the button to request another mode change. Simply press and hold the pushbutton as described above.</p>
<p>How do I power off the WG-100?</p>	<p>The WG-100 will automatically power off once it reaches the end of the selected mode's cycle duration. However, if one wishes to manually power off the unit then continue incrementing through modes as described above. The "mode" after mode 5 powers off the unit (this could be considered a "mode 6").</p>
<p>What can Mode 1 be used for?</p>	<p>Any one familiar with Dr. Hulda Clark's research is familiar with her "zapper" device. In this mode, the WG-100 outputs a frequency of 2500 Hz like Dr. Clark's "modified frequency zapper" but is different in that it pulses the output on for ½ second then off for ½ second, which has been found to be more effective than steady on. One can use this mode to detoxify the body from pathogens (a.k.a. "zapping"). Detoxification (see further details in this document) takes approximately two weeks to complete. Once completed, a weekly run of "maintenance" sessions is highly suggested. Mode 1 runs for 50 minutes before powering-off. See the section concerning "detoxification" below for more details.</p>
<p>What can Mode 2 be used for?</p>	<p>Based upon experimental data, mode 2 can be used for pain relief. One might try it for headaches (using the "skin contacts" on the left wrist) or "localized" pain relief by using medical sticky pads around the "painful area" (sore muscles, etc.). Mode 2 runs for 30 minutes before powering-off.</p> <p><b><u>NOTE: Do not attach the WG-100 at any point above your neck.</u></b></p>

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<p>What can Mode 3 be used for?</p>	<p>Based upon experimental data, mode 3 can be used for General Healing. One could use this for "defensive" issues like when one feels "sick". Use with the "skin contacts" on the left wrist or the sticky pads on both wrists. Mode 3 runs for 30 minutes before powering-off.</p>
<p>What can Mode 4 be used for?</p>	<p>Based upon experimental data, mode 4 can be used for Cell regeneration to stimulate and possibly aid in regenerating damaged tissues (as an example, after surgical removal of damaged tissues). One might use this mode on or near the area desiring stimulation several times a day. Mode 4 runs for 30 minutes before powering-off.</p>
<p>What can Mode 5 be used for?</p>	<p>Based upon experimental data, mode 5 can be used to alleviate cramps, most notably, menstrual cramps. Affix the WG-100 on the lower abdomen or the sticky pads placed on the hips. Mode 5 runs for 30 minutes before powering-off.</p>
<p>How long will a "fresh" set of batteries last?</p>	<p>The theoretical battery consumption rates have been calculated to yield in excess of 300 thirty-minute "sessions" per "fresh" set of alkaline batteries. "General Purpose" batteries may be used but are likely to yield inferior results. <u>Use of either type of battery will not affect the function of the unit.</u></p> <p><i>Note that "rechargeable" batteries are electrically different and may not provide enough energy potential to allow operation of the WG-100 and thus are not recommended for use.</i></p>
<p>How do I use Mode 1 to "detoxify" as per Dr. Clark's "zapping" protocol?</p>	<p>Based upon experience, usage should be as follows: for the 1<sup>st</sup> two weeks, use the WG-100 in mode 1 for two 50-minute sessions a day (i.e. morning and evening) every other day. A 50 minute session consists of five 10 minute intervals as follows: 10 minutes on, 10 minute rest, 10 minutes on, 10 minute rest, 10 minutes on (10 on/10 off/10 on/10 off/10 on), which the WG-100 keeps track of internally and is transparent to the user. This usage is a slight modification of Dr. Clark's protocol but has proven to be as effective.</p> <p>After the two-week detoxification, use the WG-100 in Mode 1 twice a week every few days to "maintain" wellness.</p> <p><b><u>NOTE 1:</u></b> It is recommended to perform a Dr. Clark "Epsom salt" liver cleanse prior to detoxifying.</p> <p><b><u>NOTE 2:</u></b> Drink large quantities of water to assist the body in purging "biological waste" generated while detoxifying.</p> <p><b><u>NOTE 3:</u></b> Many people feel "weak" or "tired" near the end of the 1st week. This is normal as the body is coping and ridding itself of many toxins. This feeling will pass in about two (2) days.</p> <p><b><u>NOTE 4:</u></b> For people with persistent viruses such as Herpes Simplex, Herpes Zoster, Warts, HIV, etc., detoxification should be performed for four (4) to six (6) weeks instead of two (2).</p> <p><b><u>WARNING:</u></b> Once the detoxifying process is started, be certain to continue to completion <u>otherwise you may become ill</u> while your body fights the toxins you started creating but did not finish ridding it of.</p>
<p>Can the WG-100 be used with younger children?</p>	<p>User Testimonials have indicated that devices similar to the WG-100 do not emit enough energy to cause harm to children (ages 1+) and in many cases, yields superior results due to the smaller body mass. One should use discretion though as skin sensitivity issues may exist. Consider using a TENS cable and sticky-pads attached to back of the lower leg and opposite shoulder while children are sleeping, taking care to insure against the TENS cable being a strangulation hazard.</p>

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<p>What is the output level of the WG-100?</p>	<p>Depending on the body's conductivity, for both the skin contacts and cable jack output, the voltage emitted by the WG-100 is between 7 and 11 volts with a DC offset (although used for a different purpose, most TENS units output between 30 and 60 volts). The output is "short-circuit proof" and thus protected in case the skin contacts are laid atop a conductive surface.</p> <p><b>NOTE:</b> When using with sticky pads, do not "short" the "skin contacts" with jewelry or any other conductive material as this will inhibit the output from the 3.5mm cable jack output.</p>
<p>When I use the WG-100 with the skin contacts, it itches. What does that mean?</p>	<p>With some people, using the skin contacts may cause a "stinging" or "itching" sensation on the skin. Usage of the WG-100 apparently alkalizes the body to its proper pH after the bulk of pathogens in the body are eliminated. One can become acidic again for a number of reasons though, so simply move the WG-100 when it starts to itch or sting. If one does not move the WG-100 when it stings or itches, the acids produced may "burn a hole" in your skin over prolonged use. <u>Application of Vitamin-E oil heals these holes fast.</u></p> <p><b>NOTE:</b> If one continues to experience this effect, consider switching to a TENS cable with the medical sticky pads.</p>
<p>When I use the WG-100 with the skin contacts, I get burns or red marks. What does that mean?</p>	<p>With some people, using the skin contacts may cause an electrical burn. This is due to highly conductive skin (not dangerous levels of energy being emitted from the WG-100), which allows higher levels of electrical energy to flow between the skin contacts (like a light bulb) hence, electrical burns can result. <u>Application of Vitamin-E oil heals these burns fast as well.</u></p> <p><b>NOTE:</b> If one continues to experience this effect, try a different location on the body or switch to a TENS cable with the medical sticky pads placed on the inside of each wrist.</p>
<p>Can I use the WG-100 with my pet?</p>	<p>There is no reason to believe that one's pets do not suffer from pathogen-related wellness issues the same as humans. Assuming the pet is a mammal of sufficient size (not a hamster or Guinea Pig); if a patch of bare skin is accessible and a means to secure the WG-100 on the pet can be devised, then the pet should benefit.</p> <p style="text-align: center;"><b><u>!!Never attach the WG-100 to the pet's head!!</u></b></p> <p><b>NOTE:</b> The pet may experience itching ad/or stinging sensation as described above. Watch your pet's body language to determine this.</p>
<p>Can I use different modes of the WG-100 while detoxifying?</p>	<p>Yes, if one wishes to use other modes in conjunction with using mode 1 for detoxifying, no harmful side effects have been known to occur. <u>However, if one has not already done so, one must detoxify if using any other modes of operation.</u></p>
<p>How do I know when the batteries in the WG-100 are exhausted?</p>	<p>The WG-100 does not possess a "low battery indicator" per say. When the battery levels fall below a reliable threshold, internal circuitry holds the WG-100 in a dormant state. In this dormant state, the WG-100 will appear to be totally non-functional. In addition, if the WG-100 is dropped, sometimes the batteries become dislodged and the unit will cease to function. Before assuming that the batteries are exhausted, lightly tap the side of the WG-100 opposite the skin contacts on a hard surface then try powering up the unit. If no results are gained, open the unit as described in the next section on changing the batteries and follow "step 5" first. If the unit continues to fail to function, replace the batteries as instructed.</p>

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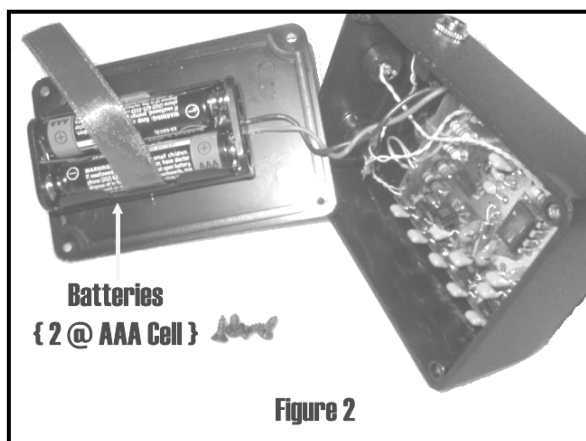
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<p>How do I change the batteries in the WG-100?</p>	<p>Referring to Figure 2. The WG-100 is held together with four small Phillip's head screws. Follow these instructions:</p> <ol style="list-style-type: none"> <li>1. Remove the four screws and open the case. The battery pack is located on the "lid".</li> <li>2. Remove the batteries. For easier battery removal, a cloth pull-tag is provided.</li> <li>3. Replace the batteries with a fresh set of alkaline AAA cells.</li> <li>4. After replacing the batteries (correctly position the cloth pull-tab) and before closing the case, verify that the WG-100 powers up.</li> <li>5. If the WG-100 fails to power-up, push one of the AAA cells toward the spring in its holder (thus breaking contact with the other end of the battery) for three (3) seconds then release. This should force a "power-on reset" of the device.</li> <li>6. Verify the WG-100 powers-up. If not repeat step 5. If still no power up, substitute another set of batteries and repeat from step 2. If still no power up, contact support as listed at the end of this document.</li> <li>7. Close the lid and replace the screws.</li> </ol>
<p>Is there a warranty on the WG-100?</p>	<p>The WG-100 is guaranteed against defects and workmanship for a lifetime. If you break the switch or TENS jack though, please include \$20 Postal Money order to cover repair and shipping. Contact support as listed at the end of this document.</p>
<p>The skin contacts are getting "gross looking". How can I clean them?</p>	<p>This typically only happens with the copper "skin contacts". Only use NON-ABRASIVE METAL CLEANERS on the skin contacts. A pencil eraser works well but "<i>Wright's Crème</i>" is known to be effective in cleaning the skin contacts. Be sure to rinse them a few times with soap and water on a damp cloth after using a chemical cleaner. <b><u>The WG-100 is not water-resistant so don't soak it.</u></b></p> <p><b><u>NOTE:</u></b> Once you've detoxified, the skin contacts will not look "gross" any longer.</p>
<p>The medical sticky pads tend to lose their "stickiness" after a few uses. What can I do to prolong them?</p>	<p>This happens because the skin oils break down the adhesive. Experience has shown that cleansing the areas of skin with rubbing alcohol <u>before</u> attaching the sticky pads will prolong their lifespan. Also, after every few uses, hold the pad in your hand sticky side up (over a sink) and pour some rubbing alcohol over it. Lightly rub the contact area with your finger to help remove the excess oils. Pour more alcohol over the pad to rinse it. Let it dry "sticky" side up then attach it to its storage sheet. The cloth material may still be wet with alcohol but it will cause no harm and dry in a short time.</p>
<p>Are there any "side effects" from using the WG-100?</p>	<p>Using frequencies below 10,000 Hz (10 KHz) depletes the body's electrolyte levels. Since ALL the WG-100 modes emit frequencies below 10 KHz, using it often (during "<i>detoxification</i>", for instance) will likely deplete the body's electrolyte levels. Symptoms will include but are not limited to dehydration, chapped lips and "cracks" in corners of the mouth. During times of high-use, consume large quantities of Gatorade® or purchase Electrolyte additives from your local health food store. Trace Minerals Corporation produces such products as "Electrolyte Stamina®", "Endure®" and "40,000 Volts®", which will help replenish lost electrolytes. Go to <a href="http://www.traceminerals.com">http://www.traceminerals.com</a> or call 801-731-6051.</p>
<p>What if I have allergies to copper?</p>	<p>If one has known copper allergy then using the TENS cable output is suggested.</p>

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<p>The unit does not seem to be working on Me. Am I doing something wrong or is the unit defective?</p>	<p>Research has shown that with some, the method of wellness benefits provided by the WG-100 will have no effect. It has been suggested that when this occurs, it is likely due a metaphysical issue in that the One expecting benefit may be skeptical on a conscious and/or subconscious level, thus creating an internal negative energy which cancels any positive energy applied to the body. <b><u>Using the WG-100 must be at One's own free will and choosing not at the "pressured" urging of another.</u></b> Contact support as listed at the end of this document if you find you are having NO results.</p>
<p>Is there any particular part of the body I should apply the WG-100 to for best results?</p>	<p>The human body generates its own bioelectric field. Thus, usage of the WG-100's "skin contacts" causes a "field effect" which stimulates the body's bioelectric field. For general use, including detoxification, applying the unit to the inside left wrist (the body's "input" side) seems to give adequate results. However, the unit can be applied anywhere one finds it comfortable to apply. For specific purposes, applying the unit close to the area requiring stimulation is best (i.e. back or shoulder pain). Also, use the TENS cable to aid in "localized" usage.</p>
<p>For wellness-related research, what is the theory of operation for frequency-based healing?</p>	<p>The research is based on Dr. Royal Rife's discoveries of the late 1920's. Dr. Hulda Clark continued Dr. Rife's research in the 1990's and subsequently introduced her findings.</p> <p>All matter, when broken down to its smallest form is energy in motion. That is, <i>vibrational energy</i>. Biological organisms and biological systems vibrate (resonate) at different frequencies. Thus, pathogens; viruses, bacteria, molds, mildews and parasites resonate at different frequencies. If one knows the resonant frequency of a colony of bacteria, one can inject a small amount of the same resonant frequency to destroy them. An analogy to this process would be the opera singer and the wine glass. When the opera singer hits a specific note, the wine glass over-resonates and bursts. Simply apply this concept to pathogens.</p>
<p>Where can I find more information to continue my wellness-related studies?</p>	<p>An internet search (i.e. google.com) for "Royal Rife", "Hulda Clark", "frequency healing", "Clark list" and "zapper" will produce results for further research and study. Dr. Clark has published several books, one being entitled "The Cure for All Diseases" ISBN: 1-890035-01-7. There is also a free frequency database program for the Windows computing platform called "FreX" available at <a href="http://www.heal-me.com.au">http://www.heal-me.com.au</a> (Click on the "FreX" link on the site's page menu to the left).</p>
<p>I wish to ask questions concerning topics not covered in this document. Who do I ask?</p>	<p>Contact support as listed at the end of this document. <u>Note that no advice can be offered concerning wellness-related issues.</u></p>



For technical support and questions, contact Scott at: 302-361-7821 or email to [healthy4life@bigfoot.com](mailto:healthy4life@bigfoot.com). Using either method of contact, please provide name, telephone number, time-zone and best time to return a call.