



ZS6HVB
Affiliated to
the SARL

SHACKNEWS

HIGHVELD AMATEUR RADIO CLUB

First Quarter 2020

We're on 

COMMUNICATION IS THE NAME OF THE GAME

The first club meeting of the year will be held at the QTH of Berridge, ZS6BFL, on **Saturday 14 March 2020**. Time 14:00 for 14:30.

A special word of thanks goes to Errol, ZS6KED, who relays the HQ bulletin on Sunday mornings. He has been doing it for the last 15 years.

The repeater is now linked to Echolink, ZS6HVB-R, during the Porky Club sessions Monday to Friday from 08:00 to 09:00. Also during Sunday club bulletins. Thanks to Willy ZS6WT.

Truisms

When one door closes and another door opens, you are probably in prison.

To me, "drink responsibly" means don't spill it

When I say, "The other day," I could be referring to any time between yesterday and 15 years ago.

Cop: "Please step out of the car."

Me: "I'm too drunk. You get in."

I remember being able to get up without making sound effects.

I had my patience tested. I'm negative.

Remember, if you lose a sock in the dryer, it comes back as a Tupperware lid the doesn't fit any of your containers.

If you're sitting in public and a stranger takes the seat next to you, just stare straight ahead and say "Did you bring the money?"

When you ask me what I am doing today, and I say "nothing," it does not mean I am free. It means I am doing nothing.

When someone asks what I did over the weekend, I squint and ask, "Why, what did you hear?"

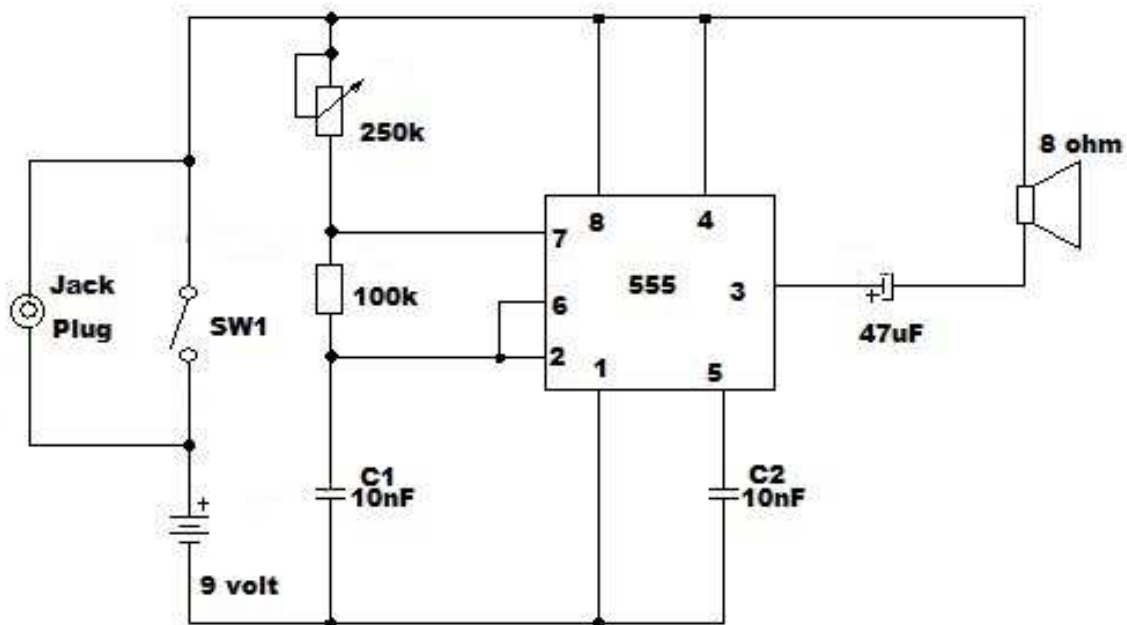
A 3 in 1 device using a 555 timer IC

- 1- A continuity tester
- 2- A tester for a 555IC
- 3- A morse code practice oscillator

The figure below shows a very useful project of a continuity tester using 555 timer IC. It can be used to check faulted wires and circuits. It will provide an audible indication when a connection is ok, shorted or if a circuit becomes open due to faulted components.

The heart of the circuit is a 555 timer IC that is working as an astable multivibrator in the circuit. The output sound frequency of the circuit can be adjusted with the 250K variable resistor.

The jack plug is where the leads for the continuity tester and morse key are plugged in. Operating SW1 without leads allows the testing of a 555 timer. Changing the value of C1 will change the tone. An 8 ohms speaker is connected at the output of the circuit through a 47uF capacitor. A 0.25 watt 8 ohms speaker works well. Operating voltage of the circuit is 5V to 9V DC. The circuit will produce adequate sound on 5 volts and a little loud on 9 volts.

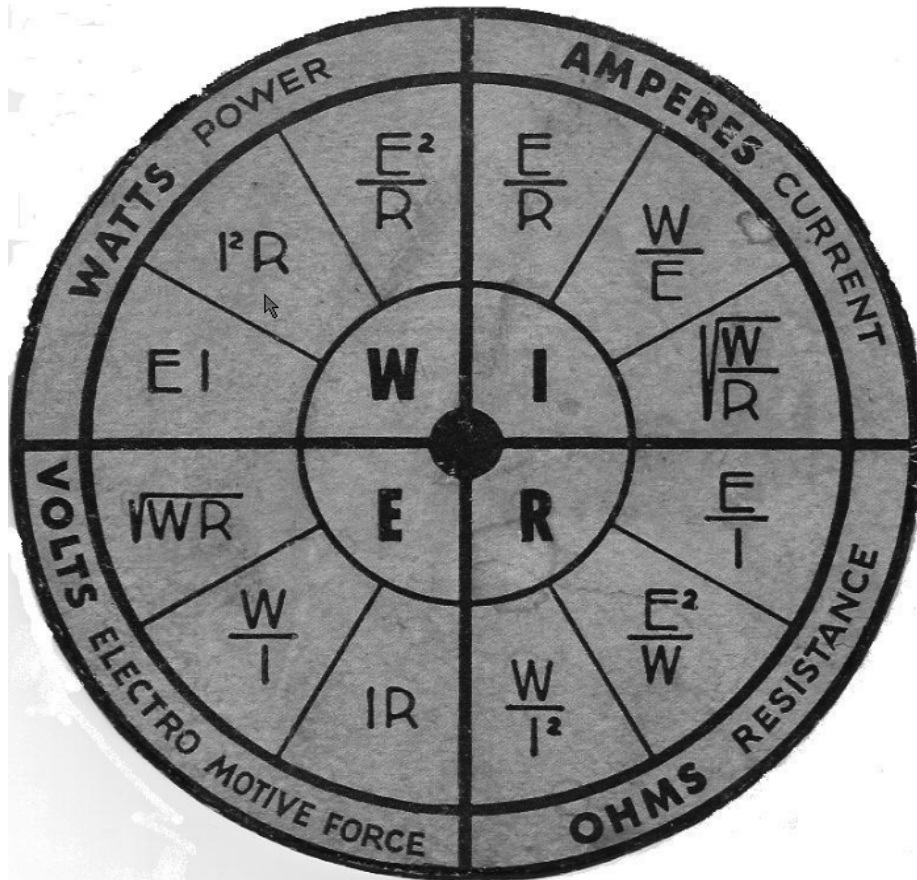


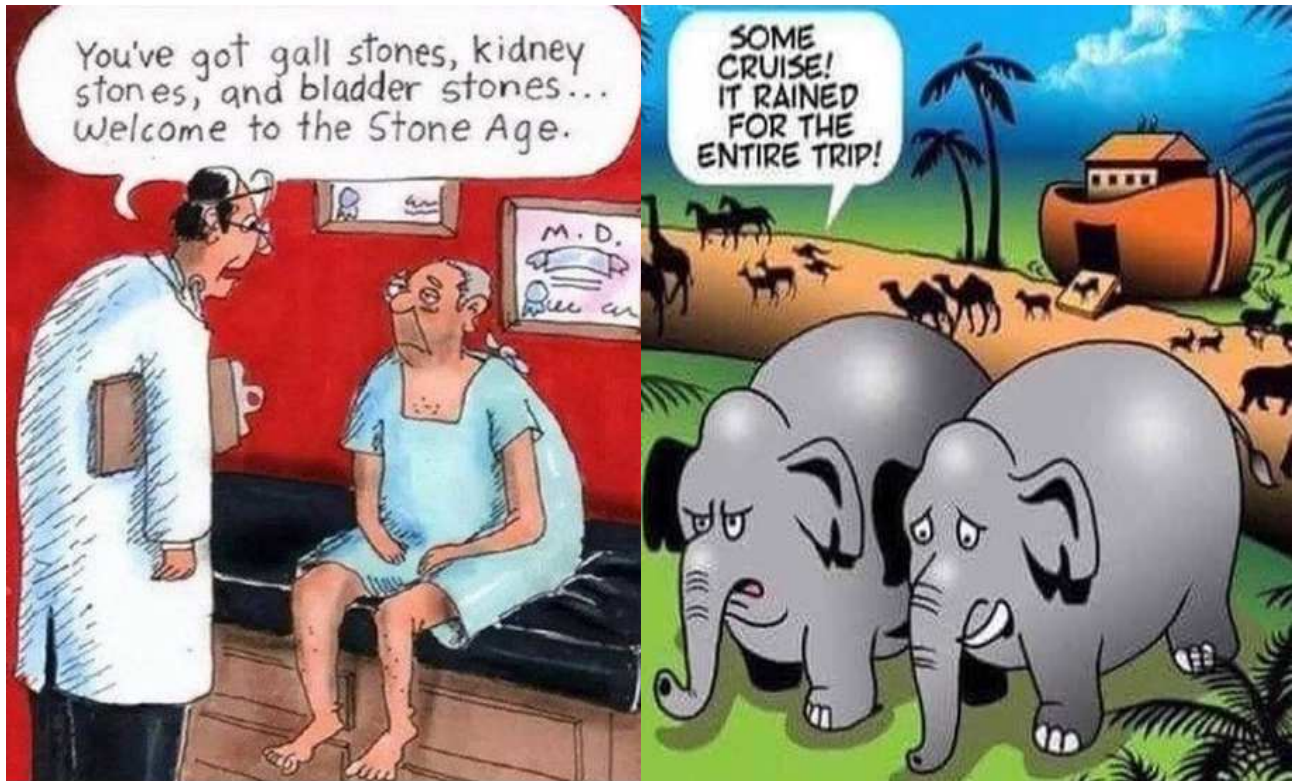
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Built into a small black plastic box



OHMS Law reviewed





Thanks to Selwyn Lager

Club Information

Postal address PO Box 19937 Sunward Park
1470

Website <http://www.zs6hvb.za.net>

Back Issues of Shacknews available on the club website

e-mail zs6hvb@zs6hvb.za.net

Repeater 145.1875 MHz input - 145.7875 MHz output

Bulletins Sunday morning - 145.7875 MHz & 7162 KHz @ 08h45.
Also on Echolink ZS6HVB-R

Monthly meetings

Venue to be advised

Every Third month
On the *3rd Saturday of the month* at 14:30.

Chairman: Vacant

Secretary/Treasurer:	Berridge Emmett	ZS6BFL	011-893-1291
Shacknews Editor:	Berridge Emmett	ZS6BFL	011-893-1291