



**HIGH PERFORMANCE**

**HF RECEIVING SYSTEMS & COMPONENTS**

[www.hizantennas.com](http://www.hizantennas.com)

*OUR GOAL - Innovating and Improving the Science of Receiving Systems.*

Greetings from Hi-Z antennas™,

Subject: Hi-Z Antennas™ Status of Hi-Z Antennas™ – October 2019

Our commitment has been to innovate and push the receiving technology barriers. We have a number of new products in the pipe. What follows is our next new release. More innovation is coming.

**New product announcement.**

*Joining the digital world through innovation*

*The perfect companion to get you directional receiving with remote desktop*

**Hi-Z Antennas™ SHACK SWITCH 2**

**Manual Direction control for ANY Hi-Z Array**



The front view size is 4 ½ X 1 5/8 inches Depth is 4 ½ inches including Knob and output connector. Total replacement for all standard Hi-Z Shack Switches

**Model:**

Hi-Z **SHACK SWITCH 2** model # 801



## Specifications:

- Works with **any** Hi-Z receiving ARRAY through convenient knob push selection
- Features a very intuitive Menu system
- Features a clear .96 inch display with major items blue and minor items in yellow readout
- Features an adjustable screen Brightness
- Features 360 degree forward or reverse continuous direction knob
- 6 Optically isolated outputs available (Each uses an FET switch to isolated ground)
- One Auxiliary output can be switched on and off.
- The display and processor are operated by USB power.
- The isolated switch side requires additional connection to shack supply of 13.8 VDC
- Features a scan mode that steps through all directions
- Features a FLIP mode for 180 degree Front to back type observations
- Azimuth can read out in degrees or direction like N, S, E, and NE etc.
- Elements with a compass installation offset from normal N to S use programmed offset
- Features a display screen saver with adjustable on time extending the life of the display
- Features 2 relay test modes with serial walking outputs or all selectable outputs
- Features a USB voltmeter mode to test the USB cable or supply
- Features a rear panel set of screw terminals for control lines and switch power.
- Features a Mini B USB connection for internal power
- This is the widely used computer type cable used with many peripheral devices
- Features output switches protected against over voltage or reverse voltage with MOVs+
- Readout can display Requested angle or Actual angle available from array
- Readout can display status for all 6 relays 0=off 1=on
- Readout can display which Hi-Z Array is selected
- Some Display information can be deactivated to reduce unused information.
- Configuration remains stored while power is off



The Shack Switch 2 can be powered by many different USB type wall supplies

Power switching to the array is by your fused shack +13.8 power supply



Our convenient screw terminals on rear accept bare wire or small pins.

Outputs are directly compatible with all Hi-Z arrays and the wireless units

Also on the rear is the Mini B USB connector

More information is available at  
[www.hizantennas.com](http://www.hizantennas.com) or e-mail [contact@hizantennas.com](mailto:contact@hizantennas.com)

As always Hi-Z products are only available through DX Engineering  
At [www.dxengineering.com](http://www.dxengineering.com)

### **Hi-Z Service Department**

We do maintain a service area where we try to provide very rapid turn around of repairs. Typically we can return repaired equipment within a few business days. Our GOAL is to keep your array uptime maximized. All repairs are returned as designed and thoroughly tested to meet our advanced internal specifications. Email: [contact@hizantennas.com](mailto:contact@hizantennas.com)

### **Hi-Z Receiving Array Discussion Reflector – Is Live**

You can read the archives here at:

[http://mail.hizantennas.com/pipermail/hi-zreceivingarraydiscussions\\_hizantennas.com/](http://mail.hizantennas.com/pipermail/hi-zreceivingarraydiscussions_hizantennas.com/)

The E-mail address to send a message to the reflector is:

[hi-zreceivingarraydiscussions@hizantennas.com](mailto:hi-zreceivingarraydiscussions@hizantennas.com) (you must join the group first)

The web page address to join the group is:

[http://mail.hizantennas.com/mailman/listinfo/hi-zreceivingarraydiscussions\\_hizantennas.com](http://mail.hizantennas.com/mailman/listinfo/hi-zreceivingarraydiscussions_hizantennas.com)

We continue to look for new product ideas and where best to get product ideas, our customers! Please let us know if you have any product needs or new product ideas. Thank you to those that have shared their ideas with us.

Any questions or inquiries please e-mail us at [contact@hizantennas.com](mailto:contact@hizantennas.com) .

Lee Strahan K7TJR

Hi-Z Antennas™  
8125 SW Larch Drive  
Culver, OR 97734 USA

[www.hizantennas.com](http://www.hizantennas.com)