

Electro-Resales

Getting started with your Visual SWR Indicator.

Many thanks for purchasing our Visual SWR Indicator (VSWR- I). The indicator is designed to be quickly deployed as a way of checking your SWR match at home, in the field, when hiking or in a hotel, in fact anywhere you may be using a low power transmitter.

We appreciate your business and want to ensure that your experience with our products is a pleasurable one. We understand that you want the product to work without fault and that is our wish also. The following hints are designed to help you get up and operational as quickly as possible.

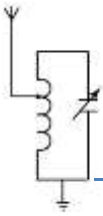
***** SAFETY NOTE - ANTENNA/AERIALS*****

Antenna and antenna installation should always be undertaken with safety in mind. Be aware of your surroundings, do not install antenna near overhead electricity lines. Be very careful if a ladder is involved. The use of tree's as a support for an antenna is possible, however, always use branches or tree attachments that can be reached from the ground. If in doubt – stop. Never work alone!

Quick Deployment Guide

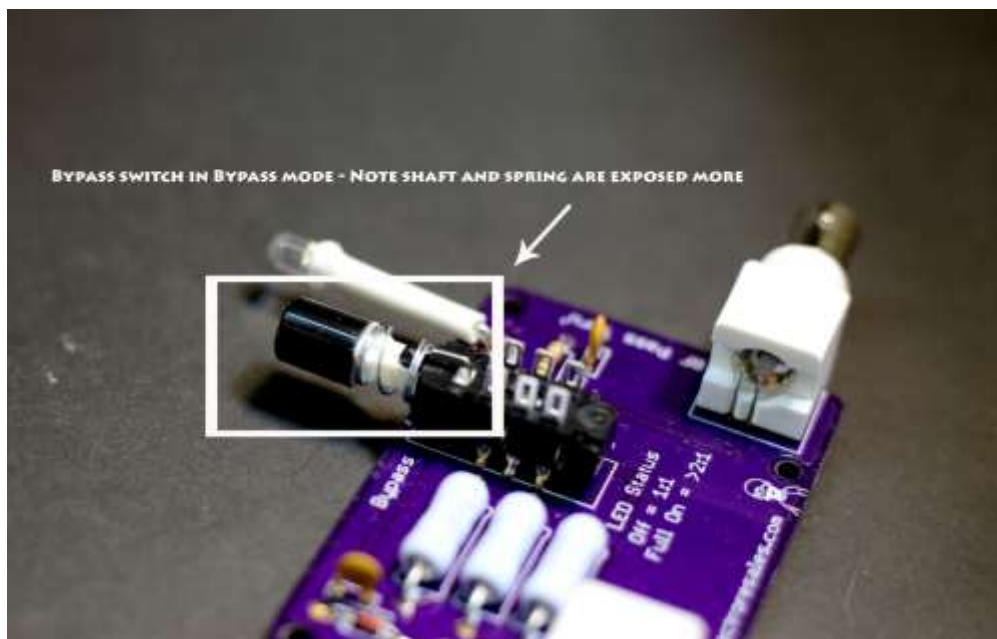
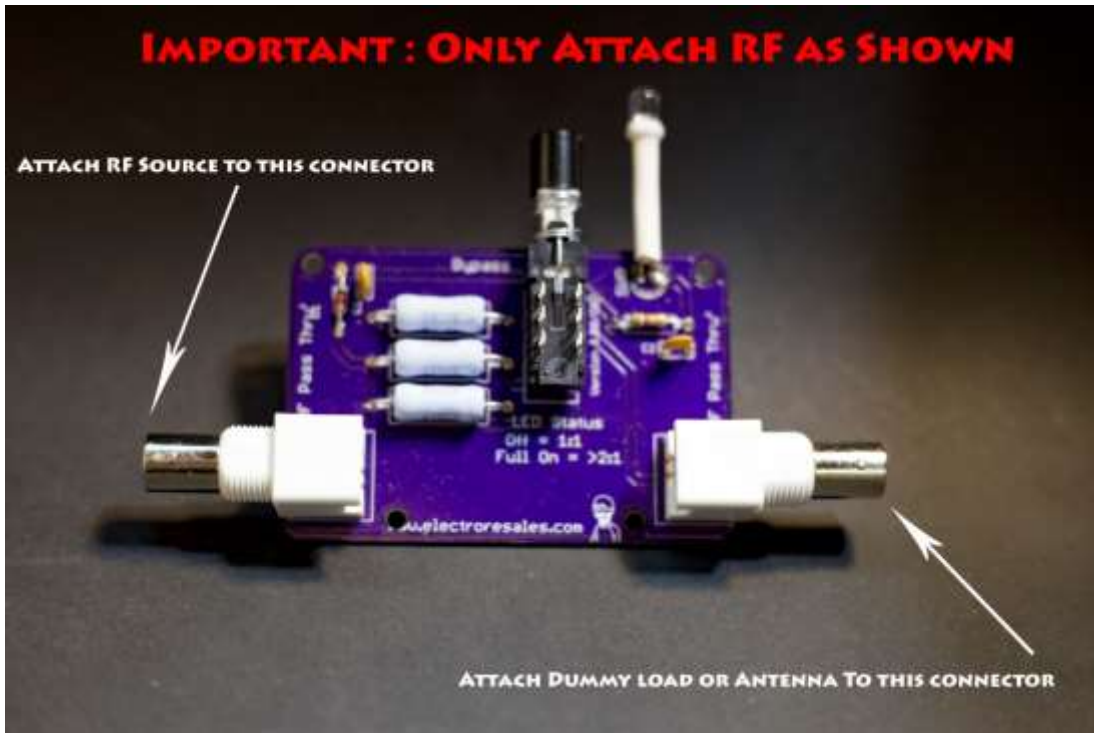
The visual SWR Indicator or VSWR-I is easy to install and operate. The following notes are designed to quickly deploy the unit and get operational.

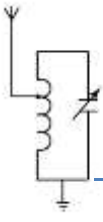
1. The indicator **must only be installed one way**, when holding the indicator in the hand with the RF connectors facing you, RF from your transmitter is connected to the left side RF connector. Never to the Right side connector (see also attached photos).
2. The plunger switch on the top center of the board is designed to include the VSWR-I in circuit or bypass the VSWR-I. To include the VSWR-I in circuit the plunger needs to be depressed and locked in the down position, to bypass, the plunger is pressed to release the lock and bring the circuit out of the RF path.
3. First, connect the VSWR-I to your transmitter, press the plunger on the VSWR-I to release the switch lock and bypass the VSWR-I circuit. At this point do not terminate the output RF connector. Apply no more than 25 watts RF (we advise initially using 5-10 Watts RF) very, very briefly and at the same time press the plunger in to bring the VSWR-I circuit into the RF chain. The Blue LED should light, immediately release the plunger and take the VSWR-I out of the RF Chain.
4. The LED lighting shows the indicator detected a SWR of greater than 1.2:1, now, attach a 50 Ohm dummy load suitable for your transmitted power to the output RF Connector on the VSWR-I, and repeat the test described in 3 above. This time the LED should remain unlit.



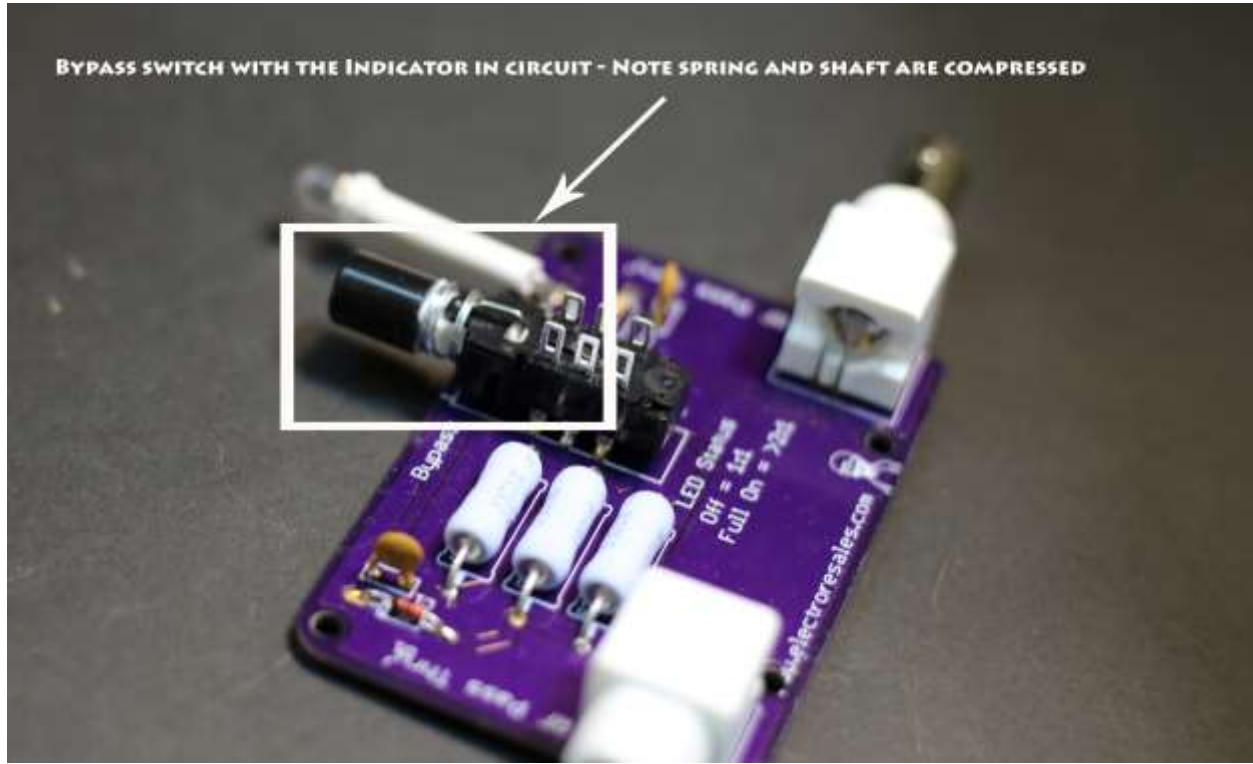
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5. Your VSWR-I is ready to use. Do not exceed the 25 Watt maximum power with the VSWR-I in circuit, keep the VSWR-I bypassed, only use to check on the SWR status.
6. Refer to the pictures to help with these instructions.





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LIABILITY DISCLAIMER

A person who constructs or works on electronic equipment may be exposed to hazards, including physical injury, the risk of electric shock or electrocution.. These hazards can result in health problems, injury, or death. Only qualified persons who understand and are willing to bear these risks themselves should attempt the construction of electronic equipment. By purchasing this item, the buyer acknowledges these risks.

There is a risk of electric shock, electrocution, burns, or fires that is inherent in the construction and use of electronic equipment. By purchasing this item, the buyer acknowledges these risks.

IN NO EVENT SHALL THE SELLER BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE including, but not limited to, property damage, personal injury, death or legal expenses. Buyer's recovery from Seller for any claim shall not exceed the purchase price paid by Buyer for the goods, irrespective of the nature of the claim, whether in warrant, contract or otherwise. By purchasing this item, BUYER AGREES TO INDEMNIFY, DEFEND AND HOLD SELLER HARMLESS FROM ANY CLAIMS BROUGHT BY ANY PARTY REGARDING ITEMS SUPPLIED BY SELLER AND INCORPORATED INTO THE BUYER'S PRODUCT.