



SDR I-TR

50KHZ TO 172MGZ

SDR TR SWITCH

SET UP

- ☐ Unpack in a clear a clean area.
- ☐ Verify for any damage to your SDR I-TR.
- ☐ Connect your SDR Receiver via an SMA cable to the SMA connector located in the center rear of the SDR I.
- ☐ Connect your antenna coax with a PL-259* to the SO-239* connector identified as ANTENNA, located on the left rear of your SDR I.
- ☐ Connect your Transceiver coax with PL-259* to the SO-239* connector identified as RADIO, located on the left rear of your SDR I
- ☐ Connect 12VDC to 13.8VDC power source to the 5.1/2.1mm barrel connector below the SDR SMA connector in the center rear of your SDR I.
- ☐ (optional but recommended**) connect a dry contact PTT relay output to the PTT connector in the fros left of your SDR I

* SDR I-Tr is using PL-259/SO-239 connectors, SDR I-TRPlus is using N-Type connectors.

** Highly recommended for operating modes like SSB that may drop signal levels to nil that would prevent the SDR I from being triggered. Thus preventing high speed triggering of the SDR I.

OPERATIONS

- ☐ The SDR I is an Hybrid Design T/R (Transmit Receive) switching device. It will automatically detect RF coming in from the Transceiver AND the PTT input to select the fastest detected input to trigger the SDR I in TX mode.
- ☐ The SDR I as three LEDs on the front panel;
Green: Power is present.
Red: TX Mode, RF from transceiver is detected and SDR I is engaged.
Yellow: in RX mode.
- ☐ While in TX mode, you SDR receiver is either grounded* or loaded on 50ohm resistor.
- ☐ If Power is lost at any time, the SDR I is automatically switched to the Transceiver to prevent any damage in case it goes in TX Mode.

** Default and highly recommended for best protection of your SDR receiver.

SUPPORT

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