

TRANSVERTER INTERFACE & ATTENUATOR BOARD

This **Transverter Interface & Attenuator** board allows you to interface your base HF radio to the **VHF/UHF Transverter**. This board contains **30 dB Attenuator** with the fine output power adjustment **POT** and the **BYPASS / PTT** relays.

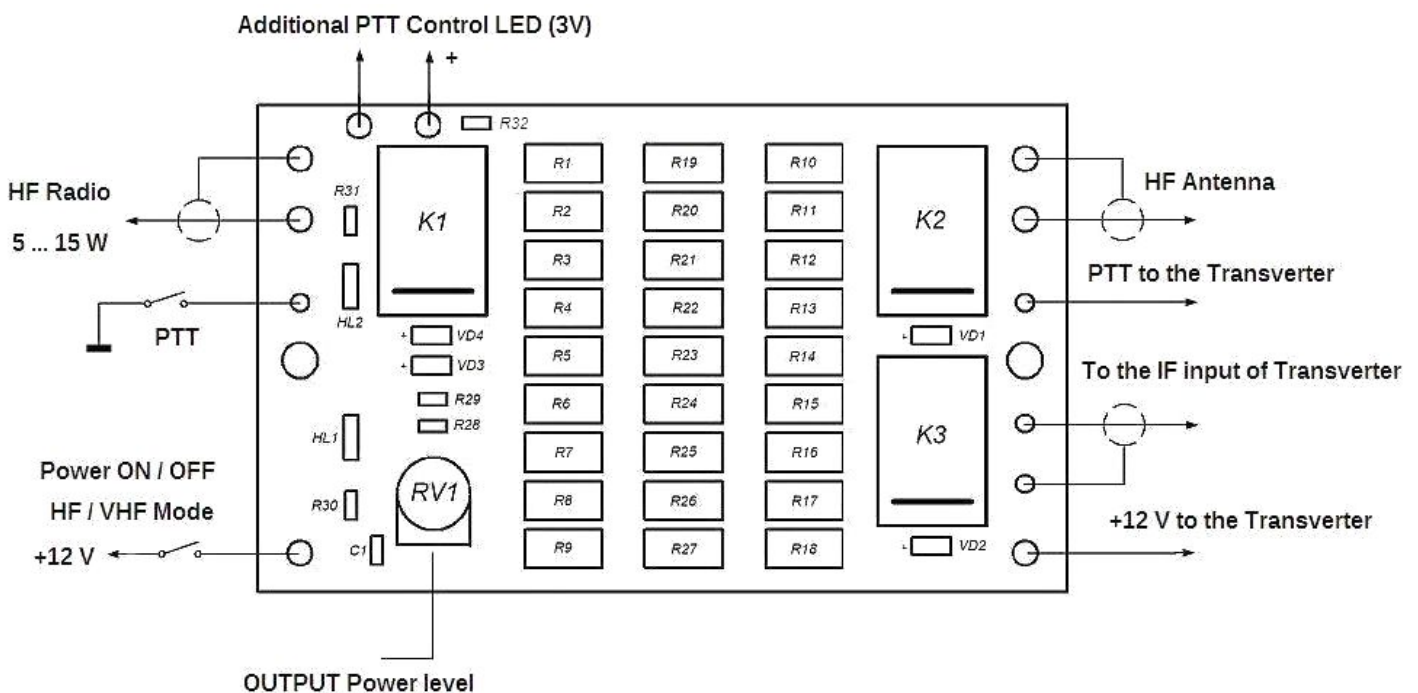
When the Power Switch is set in **OFF** position the **Attenuator Board** is in **HF BYPASS** mode. HF antenna is connected to your base HF radio through the bypass relay contacts K1 and K3. You can operate on HF bands with full 100 watts output power of your base HF radio.

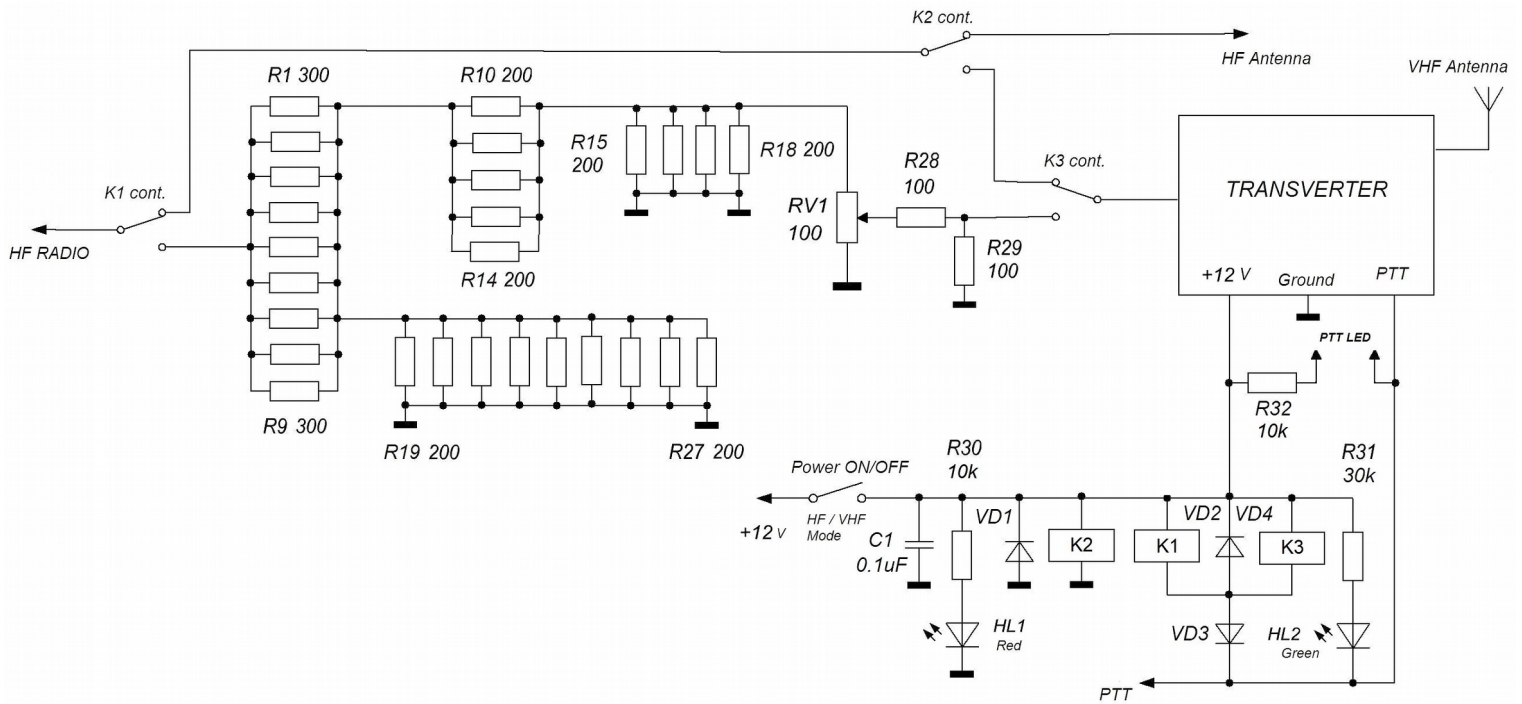
BEFORE SWITCHING IT TO THE TRANSVERTER OPERATING MODE TO SET OUTPUT POWER OF YOUR BASE HF RADIO ABOUT 5 - 10 W !!!

To get it worked in the **VHF TRANSVERTER** mode to switch **+12V Power Switch ON**. Now your HF antenna is cut off from your HF radio by K2 relay contacts and your VHF Transverter is set in RX mode connecting through the K3, K2, K1 relays contacts to your base HF radio. Connecting **PTT** line to the **GROUND** brings your VHF Transverter into TX mode connecting its IF input through the **ATTENUATOR** to the output of your base HF Radio.

Technical specifications

- **Attenuation Level** - 30 dB (10 W IN - 0.015 W OUT adjustable almost to ZERO)
- **RF Input Power** - 5 ... 10 W (15 W Maximum)
- **HF Bypass Power** - 100 W
- **PTT control** - Contact closure to the ground
- **Supply voltage** - +13.8 VDC (+12 ... 14 VDC)
- **Dimensions (mm)** - 39 x 67





ALL RF CONNECTION MUST BE DONE WITH THE COAX CABLE !

BE CAREFUL !

DO NOT APPLY MORE THAN 15 WATTS TO THIS ATTENUATOR BOARD BECAUSE IT MIGHT BE DAMAGED !!!

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