

TLA-450



(Small Instruction to use)

1. Cheking switches:

POWER = OFF
OPR / SBY = SBY

2. Connect cables:

INPUT> coaxial cable from the output of transceiver

OUTPUT> Antenna

REMOTE> cable management RX / TX (relay or transistor includes transceivers relay in the amplifier and transmission off at reception)

GND> grounding and mass housing
transceivers

220V> network cable – it is possible for PC

3.Tuning:

POWER = ON > LED's light up, wait 4-5 min.
to be heated lamp's...

OPR / SBY = SBY!!!

Submitted by transceiver say 50 watts.
Because OPR / SBY = SBY amplifier will not
work. That 50 Watts going thru to the
antenna directly...

-----Now begins the real setting:-----

Put two capacitors "TUNE" & "LOAD" in the
closed position = 10...

Returns transceivers initially low power, say 5
watts, switch OPR / SBY = OPR, pressing the
key of transceiver, amplifiers go to
transmitting...

With "TUNE" looking-up the instrument "W" at
the beginning will be a little ...

Then, with "LOAD" doing the same - so a few times repeating this procedure until you get a maximum reading ...

Increase POWER from transceiver -
Not to give more than 20-30 watts, because the POWER will exceeds 400 watts, which is dangerous for the tubes...

Once you stop working wait 5-6 min. to give cool time lamps and then switch OFF the "POWER"...

This is basically - if there is anything unclear can always ask me...

* Usually "LOAD" is about 10-7, and "TUNE" about 1-3, but it depends on the antenna they use - settings of the coil are made for the power of 400 watts at 50 ohms load artificial...

** 80m may need additional permanent condenser to C1 (200-300pf) of the first bread crumbs, if the antenna is very different than 50 ohms ... To the additional C2 capacitors are included to the second breadcrumbs (from a few to the faceplate)...

