

RELAY BOARD Installation

The micro Band Decoder can be fitted by an optional RELAY BOARD. This module decouples outputs of the band decoder using relays, significantly increasing spurious signal immunity (voltage spikes, surges, RFI...) on control lines leading to antenna switches. It is vital to use RELAY BOARD for micro Band Decoder, if you are going to control antenna switch situated outside the ham shack, or when using control leads longer than 5m (16ft). It is also necessary to use RELAY BOARD when connecting a Top Ten devices 6 Way remote antenna switch, or any other custom antenna switch with common positive.

Instructions :

1. disconnect micro Band Decoder from power supply.
2. unscrew 4 screws on the top cover of micro Band Decoder and remove the cover.
3. remove all jumpers from the double-line header.

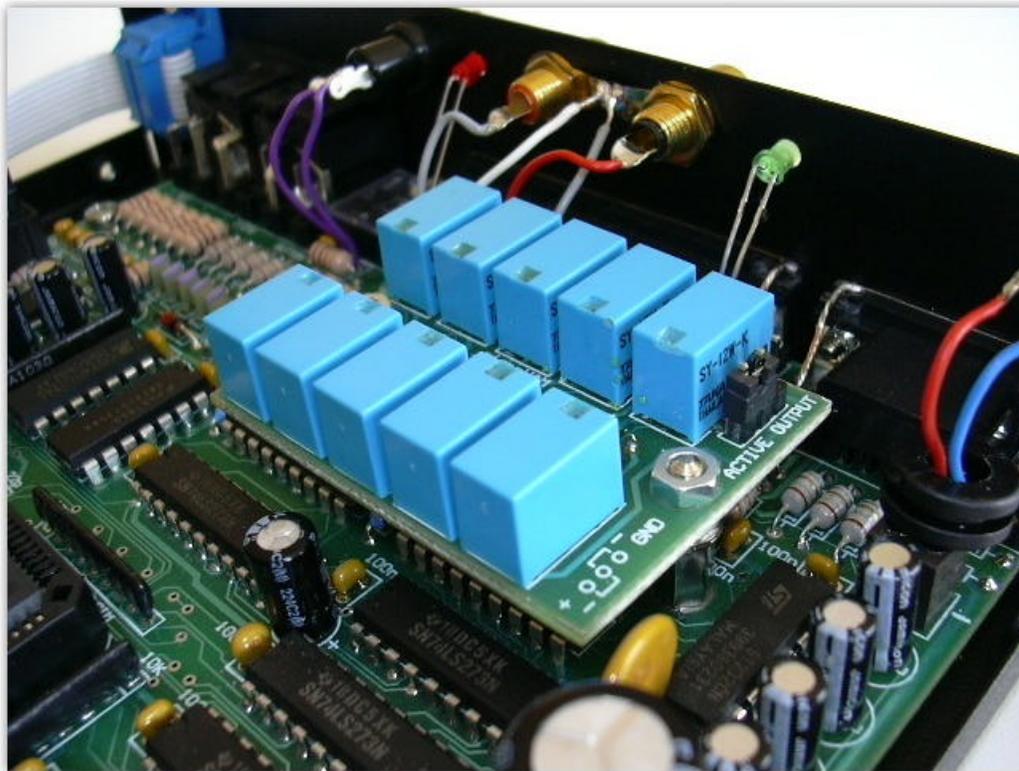


fig. 1

4. plug on the RELAY BOARD onto the header in the position shown on the fig1.
5. place 2 security nuts to attach the RELAY BOARD onto the header.
6. Set the ACTIVE OUTPUT jumper to the appropriate position. All microHAM switches, as well as WX0B and Ameritron switches use + on the working output and common GND. For these switches set JUMPER to position "+" (as on the picture). For TopTen Devices 6 way switch™ or other custom switch with common + and active GND set JUMPER to position "GND".
7. Replace and fasten the top cover.
8. Connect the power supply.