

Document: Hardrock-50 Operating Instructions and Tune-up Procedures

FCC Identifier: RHAHR50

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Operating Instructions:

- 1 – Set power switch to 'ON' position
- 2 – Press the Band + or – button to select the frequency band
- 3 – Select SB (Stand-by), CR (carrier operated) or PT (push to talk) keying mode

Notes:

In Stand-by mode or when the power switch is in the off position the RF input and RF output jacks are connected together and the Hardrock-50 amplifier is bypassed.

When the Hardrock-50 amplifier is powered but not keyed, the LCD displays the selected band and operating mode, input voltage and heatsink temperature.

When the Hardrock-50 amplifier is powered and keyed the LCD displays the average forward power, the peak envelope forward power, the reflected power and the calculated VSWR.

Tune Up Procedure:

1. Select the proper band and operating mode on the Hardrock-50 amplifier and the exciter.
2. Adjust the output power level on the exciter not to exceed 5W into the Hardrock-50 amplifier and not to exceed 50W peak envelope forward power out of the Hardrock-50 amplifier.