YAESU
Radio Communications
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The following statement will be placed in a prominent place in the text of the Manual.

INFORMATION TO THE USER:

NOTE: This equipment has been tested and found to comply with the limits for a Class A Digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the User will be required to correct the interference at his own expense.

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Rear Panel Connections

(1) DC 13.5V Jack

This is the DC power supply connection for the **VR-5000**. Connect the Supplied **PA-4A** AC adapter to this jack.

(2) MUTE Jack

If using the VR-5000 with a transceiver, shorting this jack during transmit will mute receiver output and attenuate RF signal input. Check with information provided with your particular transceiver for proper connection.

(3) ANT B Terminal

Use these spring-loaded terminal connectors to connect a high-impedance antenna.

(4) ANT Switch

This switch selects antenna connected from either the **ANT A** jack or **ANT B** terminal.

(5) ANT A Jack

Connect the 50 Ω coaxial feed line to your low-impedance antenna here using a type-M (PL-259) connector.

(6) EXT SP Jack

This 2-contact mini phone jack provides receiver audio for an external loudspeaker with an impedance of 4 ~ 16 Ω. Inserting a plug in this jack disables the loudspeaker.

(7) REC Jack

This jack provides a constant level (??? mV @ ? Ω) audio output, which is *unaffected* by the **VOL** and **TONE** controls. This audio can be used for recording purposes, and for connection to data demodulator/decoder equipment.

(8) +8V Jack

This output jack provides 8V DC at up to ??? mA for low power accessories. The center contact is positive.

(9) IF OUT Jack

This output jack provides low-level (0.1 Vrms (-6 dBm) @ 50 Ω) 10.7 MHz IF output.

(10) CAT Jack

This 9-pin serial DB-9 jack allows external computer control of the **VR-5000**. Connect a serial cable here and to the RS-232C COM port on your personal computer.