YAESU FP-107E

EXTERNAL POWER SUPPLY

FOR FT-107M HF TRANSCEIVER

The FP-107E is a quality external AC power supply for the FT-107M HF SSB transceiver. Excellent regulation and conservative design assure the owner of many years of trouble-free operation.

INSTALLATION

Before connecting the FP-107E to any power source, be absolutely certain that the voltage specification on the rear panel matches your local supply voltage. The FP-107E is manufactured for use around the world, from a variety of power sources, and the power transformer primary must be connected properly to prevent damage to the internal circuitry.

Also, be absolutely certain to use a fuse of the proper rating. For <u>100/110/117 VAC</u>, use only a <u>10 amp</u> fuse. For <u>200/220/234 VAC</u>, use only a <u>5 amp</u> fuse.

WARNING

OUR WARRANTY DOES NOT COVER DAMAGE CAUSED BY IMPROPER SUPPLY VOLTAGE NOR USE OF AN IMPROPER FUSE.



POWER TRANSFORMER PRIMARY CONNECTIONS

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When all inspections have been duly completed, proceed with installation. Refer to the drawing, and connect the output cable from the FP-107E to the DC 13.5V jack on the rear panel of the FT-107M. Connect the FP-107E to a good earth ground, using a heavy, braided cable less than 10 feet long. Now connect the AC power cord to the wall outlet.

The speaker plug may be connected to the FT-107M rear panel SP jack, if desired. Connection of this plug to the SP jack automatically cuts off the transceiver's internal speaker.



OPERATION

Turn the FP-107E power switch ON to activate the power supply. Always turn the FP-107E power switch on <u>before</u> turning on the transceiver power switch.

SPECIFICATIONS: FP-107E

Output voltage: 13.5VDC ±0.2V (no load) Output current: 20 amps @ 50% duty cycle Regulation: Better than 1% at rated load Current limiting: At 27 amperes protection circuit is activated. Current during protection mode: 4 amps (crowbar protection) Ambient temperature: -20° - +50° C Input voltage: 100/110/117/200/220/234 VAC, 50/60 Hz Case dimensions: 129.4 (H) x 210 (W) x 334 (D) mm Weight: Approx. 9 kg Speaker output specifications: 3 watts at 4 ohms

