

# YAESU FP-30

## AC POWER SUPPLY

### for the FT-897 HF/VHF/UHF Transceiver

The FP-30 is an internal AC power supply for use with the FT-897 HF/VHF/UHF Transceiver, providing 13.8 Volts DC at up to 22 amperes for extended periods. Excellent regulation and conservative design assure the owner of many years of trouble-free operation.

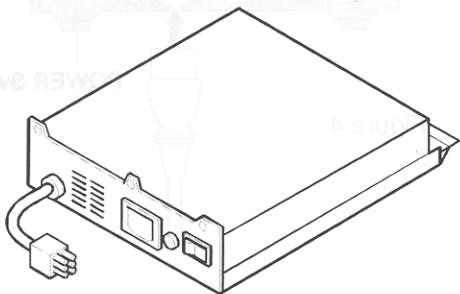
#### Specifications

**DC Output Voltage:** 13.8 V  
**DC Output Current:** 11.5 A (Max. 22 A)  
**Input Voltage:** AC 200-240 V~, 50-60 Hz  
**Case Size (W x H x D):** 185 x 39 x 219 mm  
**Weight (Approx.):** 1.7 kg

*Specifications are subject to change without notice or obligation.*

#### Supplied Accessories

AC Power Cable ..... 1  
Spare Fuse (6.3 A) ..... 1  
Spare Screws (M3x6B) ..... 6  
Operating Manual (this sheet) ..... 1




#### Installation

Before connecting the **FP-30** to any power source, be absolutely certain that the voltage specification on the rear panel matches your local supply voltage. The **FP-30** is manufactured for use around the world, from a variety of power sources, and the wiring must be connected properly to prevent damage to the internal circuitry.

1. Turn the transceiver's power off, and disconnect all cables from the transceiver.
2. Remove the six screws (three screws on bottom side and rear side), then lift off the bottom cover (Figure 1 and 2).
3. Attach the **FP-30** to the bottom of the FT-897, then affix it in place with the six screws removed in the above step (Figure 3).
4. Connect the 6-pin Molex plug from the FP-30 to the INPUT jack on the rear panel of the FT-897 (Figure 4).
5. Make sure that your AC voltage is correct and that the **FP-30** POWER switch is set to Off; connect the AC power cable between the INPUT jack on the rear panel of the **FP-30** and a nearby AC wall outlet.

#### Operation

- To turn the transceiver on, turn on the POWER switch on the **FP-30** before turning on the POWER switch on the **FT-897**.
- To turn the transceiver off, turn off the POWER switch on the **FT-897** before turning off the POWER switch on the **FP-30**.

 When you do not use the **FP-30** with the **FT-897** for a long time, disconnect the AC plug from the AC wall outlet.

#### **WARNING!**

- Do not splash the water to the transceiver body. Also, do not place the object which is contained the liquid on top of transceiver such as a flower vase.
- Always uses the 6.3 A Fuse in the fuse holder on the rear panel. Do not use the improper fuse.
- Do not allow any metal objects to short the terminals in the slits of the FP-30 (electrical shock hazard!).

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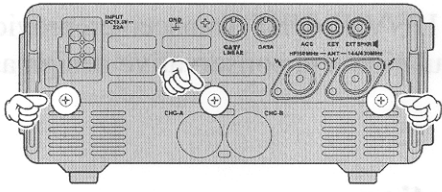


Figure 1

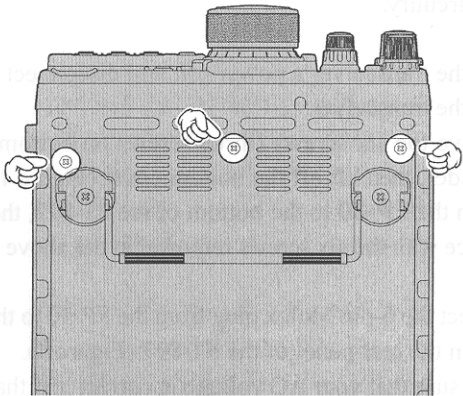


Figure 2

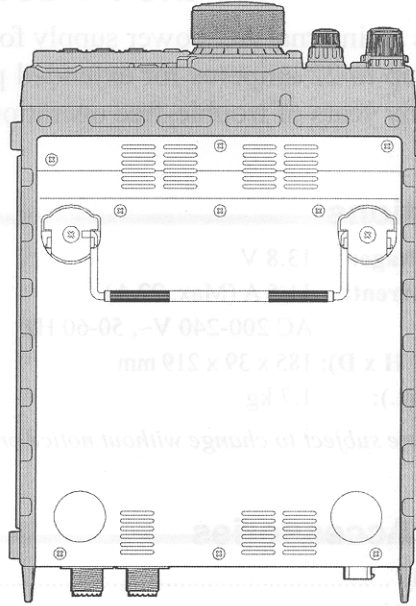


Figure 3

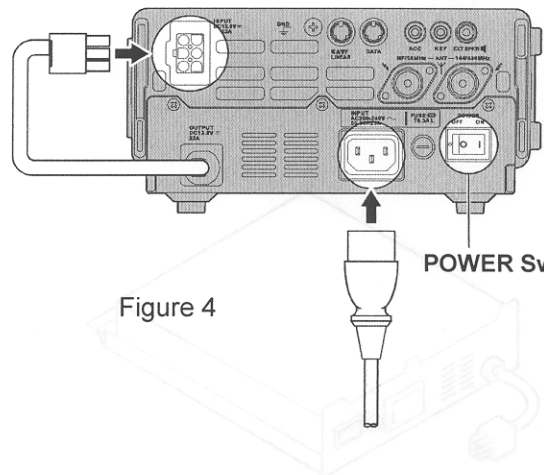


Figure 4

POWER Switch

before connecting the FT-897 to any power source, be absolutely certain that the voltage specification on the rear panel matches your local supply voltage. The FP-30 is manufactured for use around the world, from a variety of power sources, and the wiring must be connected properly to prevent damage to the internal circuitry.

1. Turn the transceiver on from the front panel. (See Fig. 1-1.)

2. Make sure that the 30 W power switch is set to the OFF position. (See Fig. 1-2.)

3. Connect the AC power cord to the INPUT jack on the rear panel of the FP-30 and a nearby AC wall outlet.

**Operation**

□ To turn the transceiver on, turn on the POWER switch on the FP-30 before turning on the POWER switch on the FT-897.

□ To turn the transceiver off, turn off the POWER switch on the FT-897 before turning off the POWER switch on the FP-30.

⚠ When you do not use the FP-30 with the FT-897 for a long time, disconnect the AC plug from the AC wall outlet.

**WARNING!**

□ Do not splash the water to the transceiver.

□ Also, do not place the object which is conductive and on top of transceiver such as a power source.

□ Always use the 6.3 A Fuse in the fuse holder on the rear panel. Do not use the improper fuse.

□ Do not allow any metal objects to short the terminals in the slots of the FP-30 (electrical shock hazard).



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