

Thank you for purchasing this product. The PS-80 is a DC power supply and an easy-to-install base operating system for the IC-A210 or IC-A220. For maximum performance, please read these instructions thoroughly.

■ Panel description

POWER SWITCH [POWER]

Turns the power ON or OFF.

- The indicator lights while power is ON.

HEADPHONE CONNECTOR [PHONES]

Connect Headphones with a 2 conductor plug, if desired. Use Headphones with 500 Ω impedance.

MICROPHONE CONNECTOR [MICROPHONE]

Connect an HM-176 or other compatible microphone.

ANTENNA CONNECTOR [ANT]

Connect a 50 Ω antenna with a PL-259 connector.

AC CONNECTOR [AC]

Connect the supplied AC power cable.

MOUNTING SLOT

Insert the IC-A210 or IC-A220 here.

SPEAKER

Outputs the received audio.

WARNING: BE SURE to match the [VOLTAGE SELECTOR] and fuse to the desired AC outlet voltage. If these are not matched, a **FIRE HAZARD** may result. When the [VOLTAGE SELECTOR] is reset, check/replace the fuse as described in these instructions.

AC INPUT VOLTAGE SELECTOR [VOLTAGE SELECTOR]

Select the appropriate AC outlet voltage.

FUSE HOLDER [FUSE]

Insert the rated fuse, 1.25 A or 3 A.

■ Selecting the AC input voltage

The AC input voltage is selectable. When the input voltage has been changed from 110 (117) V to 220 or 240 V and vice versa, replace the fuse with one for the selected voltage.

- ① Disconnect the AC power cable from the PS-80.
- ② Turn [VOLTAGE SELECTOR] to select the domestic AC outlet voltage, using a flat head screwdriver.
 - 110(117) V, 220 V and 240 V are selectable.
- ③ Check/replace the fuse, as shown below.

AC VOLTAGE	RATED FUSE
110 (117) V	3 A
220 V	1.25 A
240 V	

The following diagram shows indicates 110 (117) V AC is selected as the AC input voltage.



■ Installation

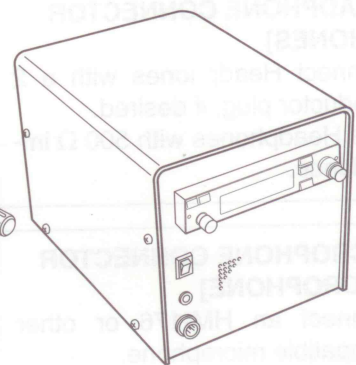
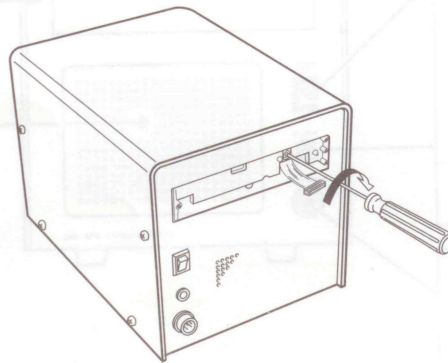
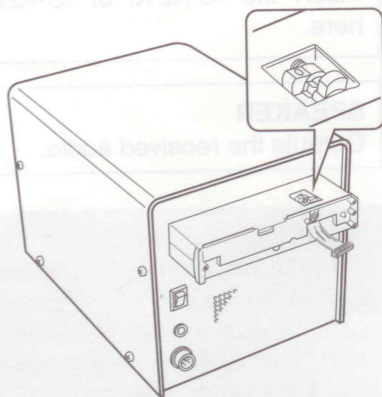
For the IC-A220 user:

Attach the MBA-3 before the installation.

- Refer to the IC-A220 installation guide.

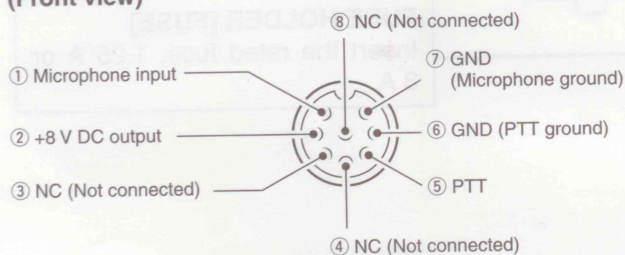
- ① Remove the front panel from the transceiver's main unit.
 - Refer to the installation guide comes with the transceiver.
- ② Confirm that the metal catch on the top cover is as shown below.
- ③ Slowly insert the transceiver's main unit into the mounting slot.

- ④ Insert a $\frac{3}{32}$ " allen wrench into the hole on the transceiver's main unit.
- ⑤ Rotate the wrench clockwise until the screw stops.
 - **DO NOT** overtighten the screw.
- ⑥ Attach the front panel.
- Refer to the installation guide.



■ Microphone connector

(Front view)



■ Specification

- Input voltage: 117 V AC \pm 10%, 220 V AC \pm 10%, or 240 V AC \pm 10%
- Output voltage: 13.8 V DC \pm 5%
- Output voltage: (negative ground)
- Output current: 6 A (100% duty; Up to 1 hour)
- Ripple voltage: Less than 20 mV rms
- Usable temperature range: $-10^{\circ}\text{C} \sim +40^{\circ}\text{C} / +14^{\circ}\text{F} \sim +104^{\circ}\text{F}$
- Dimensions (projections not included): 200 (W) x 200 (H) x 300 (D) mm, 7.9 (W) x 7.9 (H) x 11.8 (D) in
- Weight: 6.0 kg (13.2 lb) (approximately)

The specifications are subject to change without notice or obligations.