Thank you for choosing the IC-701PS. This unit is an
AC Power Supply for the IC-701, ICOM's Digital All
Solid State HF Transceiver.

**SPECIFICATIONS**

- **Number of Semi-conductors:** Silicon diode 3
- **Input Voltage**
  - LED 1
  - Suitable voltage: 117/230V AC (60/60 Hz)
- **Allowable voltage fluctuation:** ±10% of input voltage (suitable line voltage)
- **Input Capacity:** 180VA (at 20A load)
- **Output Voltage:** DC13.8V (at 20A load)
- **Max. Load Current:** 20A (10 minutes ON/10 minutes OFF 50% duty cycle)
- **Polarization:** Negative ground
- **Internal Speaker:** 125 x 77 mm
  - 2 watt nominal input
  - 4 watt maximum
- **Dimensions:** 110 (H) x 180 (W) x 260 (D) mm
- **Weight:** Approximately 8 kg
- **Accessories included:**
  - AC power cord 1
  - Spare fuse 2
  - Speaker cord 1

**BEFORE USE**

This is an AC power supply for the IC-701 and is
designed to be turned ON and OFF with the power
switch on your IC-701; this unit does not have a separate
power switch.

As this unit has 20A maximum capacity at 13.8V DC,
it is recommended that you do not use this unit with
other than the IC-701, even for experimental purposes.

**HOW TO USE**

Connect the DC output plug of this unit to the IC-
701 power connector securely, as shown in the figure at
right. At this time, make sure that

1. the power switch on the IC-701 is OFF,
2. the T/R switch is at the REceive position, and
3. no microphone is connected.

Connect the AC power cord to the AC power connec-
tor on the rear panel of the IC-701PS. Connect the
AC power cord plug in the power outlet. At this time,
the remote control relay in this unit will be at the stand-
by position. By turning the IC-701 power switch ON,
this unit will be turned ON and the power display LED
illuminated. For further operating information, see the
instruction manual for the IC-701.

**FUNCTIONS**

- **Power Display LED**
  - Is illuminated when power is ON. The
    power ON/OFF is controlled by the
    power switch of the IC-701. This unit
does not have a separate power switch.

- **Speaker**
  - There is a 125 x 77 mm oval speaker built
    in. Use as the external speaker for the IC-
    701. The impedance is 8 ohms and the
    input power is 2 watts.

- **SPK INPUT Jack**
  - Speaker input jack for connecting to EXT
    SPK jack of the IC-701, using the
    included speaker cord.

- **Fan Power Jack**
  - Jack for cooling fan connection. 12V,
    approximately 100mA is available
    through this jack. For normal operation,
a cooling fan is not necessary; however, it
    is recommended that an optional cooling
    fan be used for continuous transmission,
such as for RTTY.

- **Fuse Holder**
  - Fuse holder for the AC power line. If the
    fuse blows, replace with a 5A (at 117V)
or 3A (at 230V) fuse after checking the
    cause of the problem. Use a phillips (+)
screwdriver to open the holder. The out-
side ring of the holder cannot be rotated.

- **AC Power Connector**
  - Connect the included AC power cord.

- **Ground Terminal**
  - Ground this terminal with as short a wire
    as possible to protect from shock.

**HOW TO USE THE INTERNAL SPEAKER**

Use the included speaker cord to connect the SPK
INPUT jack on the rear panel of the IC-701PS and the
EXT SPK jack on the rear panel of the IC-701.

The impedance and nominal input power of the
speaker in this unit are 8 ohms and 2 watts, respectively,
and this speaker can be used with any transceiver with
these specifications. This speaker is designed for com-
munication purposes and is not suitable for Hi-Fi use.
IC-701PS SCHEMATIC DIAGRAM

INOUE COMMUNICATION EQUIPMENT CORPORATION
1-6-19, KAMIKURATSUKURI HIRANO-KU,
OSAKA JAPAN