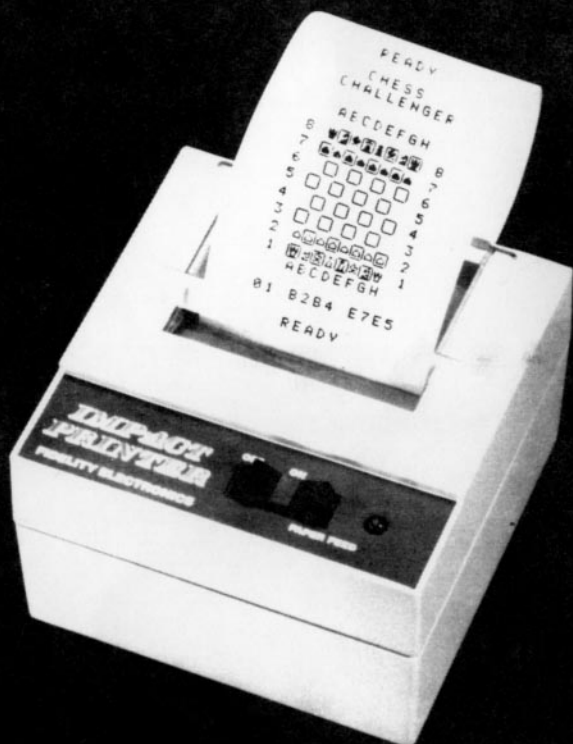


OWNER'S MANUAL  
INSTRUCTION BOOKLET

# IMPACT PRINTER

MODEL IFP



Congratulations on selecting this Fidelity International, Inc. product.

Your Fidelity Model IFP Impact Chess Printer is designed for use with all Fidelity chess games that feature print-out capability.

By following the simple instructions in the following pages for the Printer's use and handling, you can ensure years of trouble-free use and service.

# POWER ON

1. Plug the Printer Control Cable into the receptacle in the back of the Voice Sensory Chess Challenger (Figure 1).
2. Plug the Printer Transformer into any convenient AC wall outlet (Figure 2).

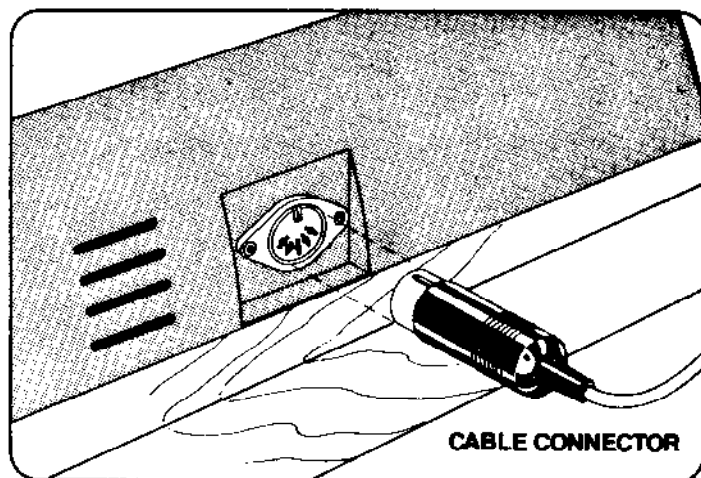


Figure 1.

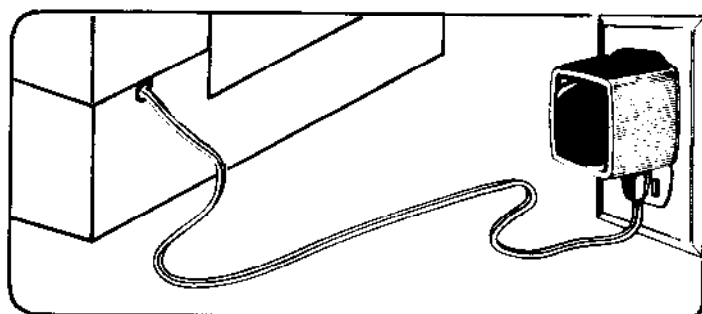


Figure 2.

3. Place the ON-OFF switch on the Printer in the ON position (Figure 3). The Power On Indicator on the Printer front panel will light (Figure 3).
4. To advance paper, press and hold the PAPER FEED switch in the ON position until desired length is advanced.

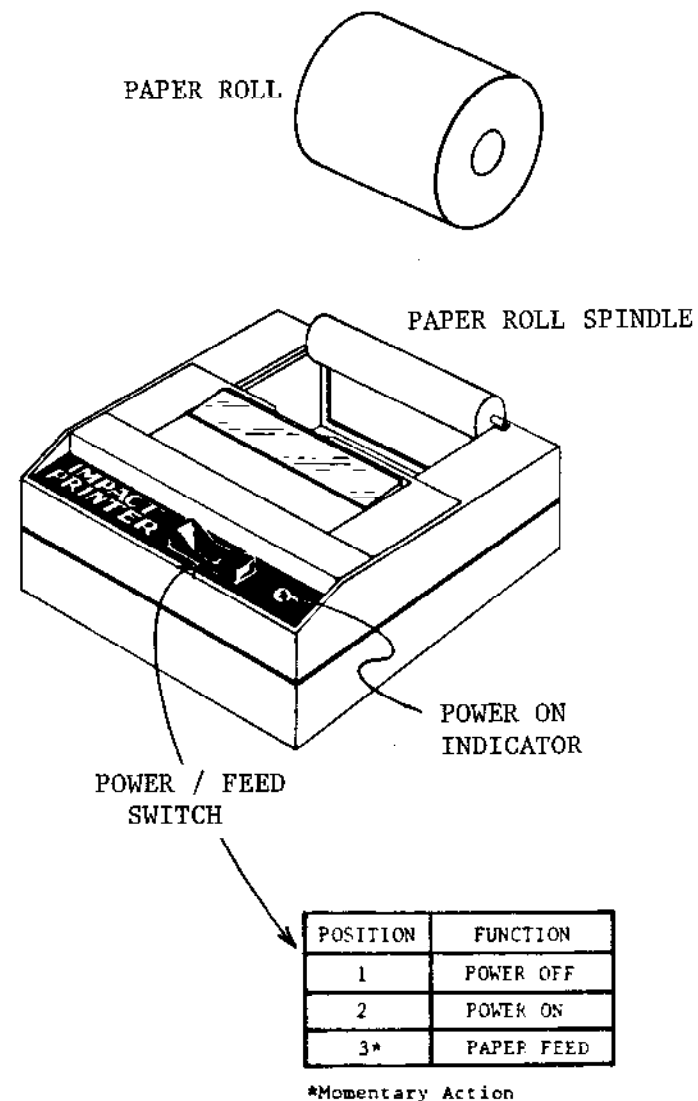


Figure 3.

## AUTOMATIC OPERATION

The automatic function provides a continuous line-by-line printout of each pair of moves, numbered sequentially (01, 02, 03, etc., see Figure 5). Each line contains the move number, white's move (From and To) and black's move (From and To).

When the Printer is first turned on, the word **READY** will be printed. This indicates that the Printer is ready for operation.

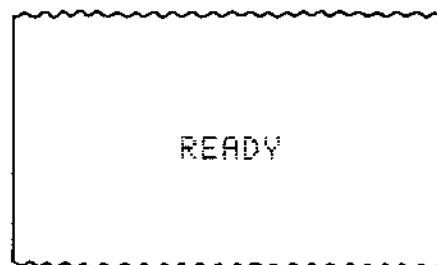


Figure 4.

When **RESET** is pressed on the chess game, the Printer will restart the printout sequence for a new game by printing the words **CHES** **CHALLENGER** (Figure 5).

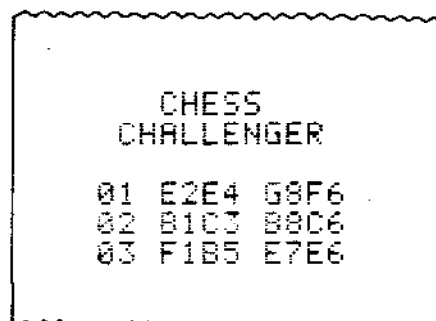


Figure 5.

A move printout occurs automatically after Challenger announces its counter move but before the indicator light on the chess board is lit, that shows which piece Challenger wants moved. If no printout is desired, turn the **ON-OFF** switch on the Printer to the **OFF** position.

## GRAPHIC PRINTOUT

The Printer can provide a graphic printout of current board positions during a game (Figure 6).

Refer to your chess game owner's manual for the procedure to follow for a graphic board printout. Figure 6 illustrates a sample graphic printout and shows the symbols used to designate the various piece types.

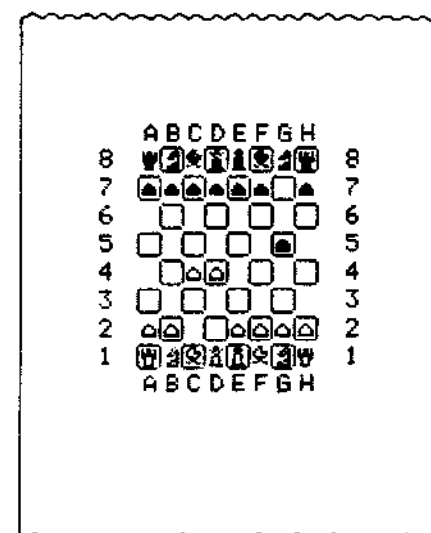


Figure 6.

## PREPARING TO USE YOUR FIDELITY PRINTER

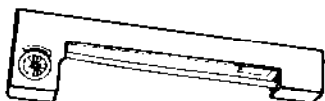
### 1. Installation

Please follow the precautions listed below when setting up your printer. They are designed to help you keep your printer working at its best.

\*Place your printer on a flat hard surface, like a tabletop.

\*Keep your printer out of direct sunlight.

### 2. Installing the Cartridge Ribbon



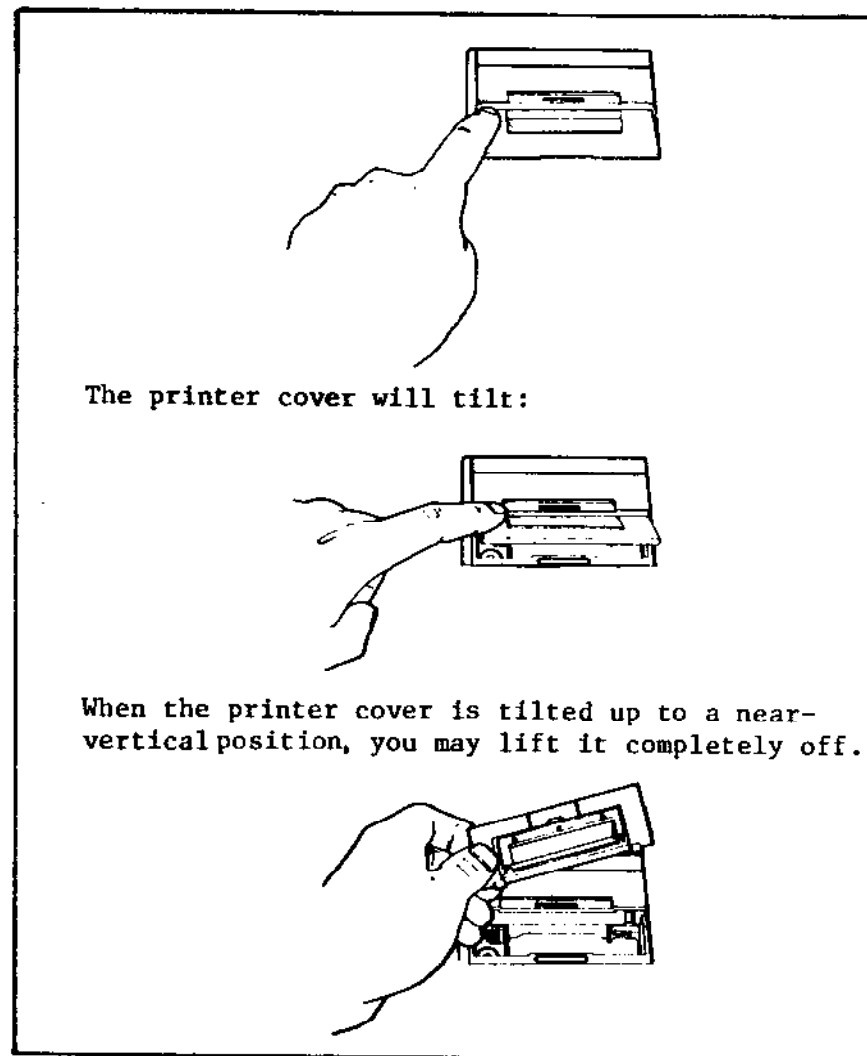
A cartridge ribbon is used in the Printer. When printing becomes faint or difficult to see, you should replace the cartridge.

NOTE: If the printer is used infrequently, the print impression sometimes becomes weak because the ribbon dries out. If the printed material is difficult to read and you suspect this is the cause of the problem, advance to a properly inked portion of the ribbon by pressing the POWER switch into the PAPER FEED position.

To install the cartridge:

- a. Press the POWER switch into the OFF position.
- b. Push down on the left side of print mechanism cover and remove cover:

Four small grooves are embossed on the printer cover. With the index finger of your left hand, push gently on these grooves (see figure 7).



The printer cover will tilt:

When the printer cover is tilted up to a near-vertical position, you may lift it completely off.

Figure 7. Removing The Printer Cover

- c. Push down on the right side of ribbon cartridge (marked "PUSH") and remove cartridge (see figure 7).

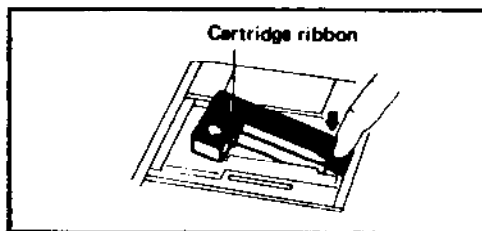


Figure 8. Removing Cartridge

- d. Install cartridge (see figure 9). Be sure the cartridge is inserted firmly to prevent weak or irregular printing. The cartridge must be properly seated and aligned for best printing.
- e. Turn the cartridge "knob" (marked by an arrow) clockwise to stretch the ribbon (see figure 10)

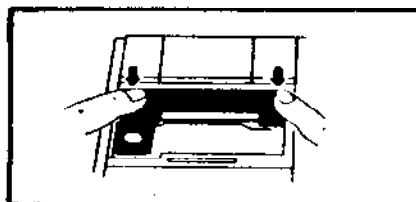


Figure 9.

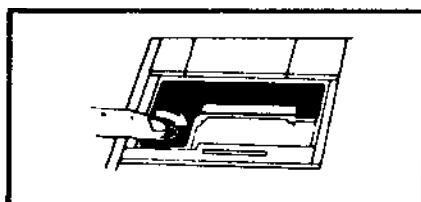
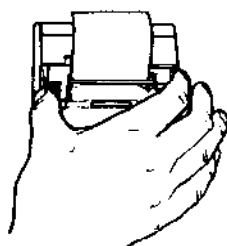


Figure 10.

- f. Replace the cover.
- g. Replace the paper.

You may also insert the ribbon cartridge if there is already paper in the printer.

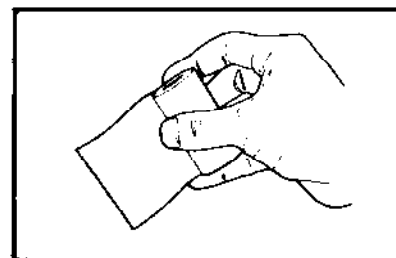
Holding it as shown, you may slide it over the paper and into the printer compartment. Be sure the paper goes between the ribbon cartridge and the ink ribbon.



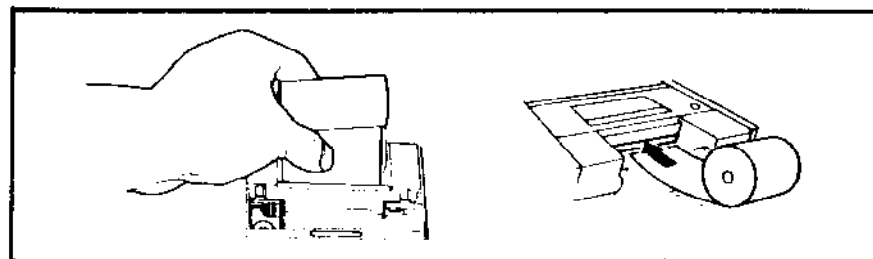
**NOTE:** If you get ribbon ink on the printer plastic case, wipe it off immediately. Once it dries, it is difficult to remove.

### 3. Inserting the Paper Roll

- a. Press the POWER switch to the OFF position.
- b. Unroll several inches of the paper:

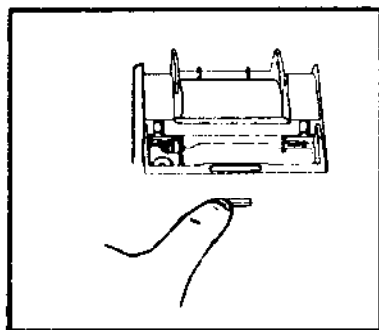


- c. Cut a straight edge on the paper roll if it is jagged. This will facilitate the entry of the paper into the printer.
- d. Slide the paper through the slot connecting the paper compartment and the printer compartment. You can slide it in about one-quarter inch before it stops:

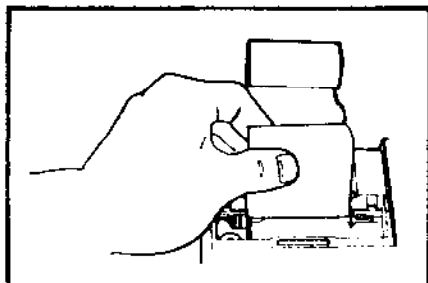


- e. Press the POWER switch to the ON position and wait a few seconds.
- f. While holding the paper in place, press the POWER switch to the PAPER FEED position. The Printer will activate, and a rubber roller will pull the paper into the printer compartment. Hold the switch in the PAPER FEED position until the paper emerges from

top of the printer mechanism. When an inch of paper has emerged from the top of the printer, release the PAPER FEED Button:

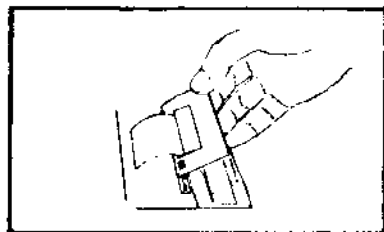


g. Now pull the paper through the printer, until several inches are exposed:

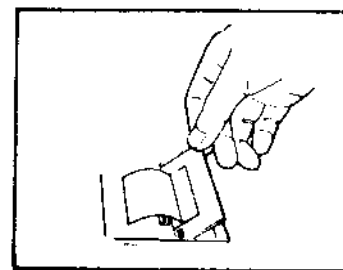


#### 4. Replacing the printer cover

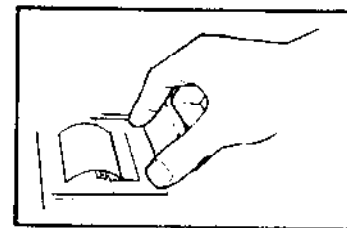
a. Slide the paper through the slot in the printer cover:



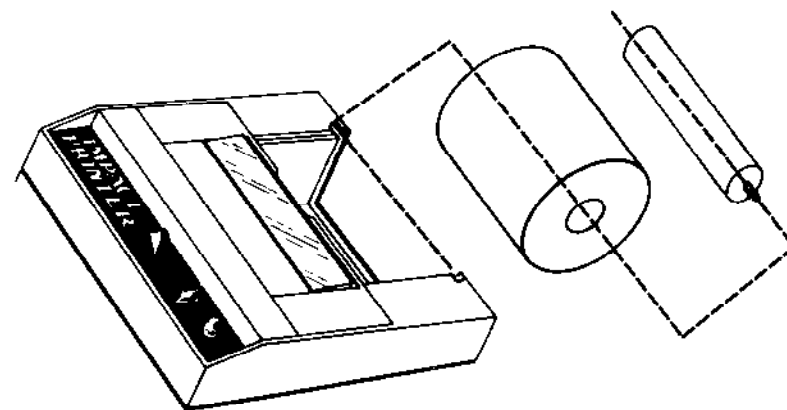
b. Push the back of the printer cover down and into place:



c. Press the front of the printer cover down to lock in place.



D. Put the paper spindle into the paper roll as shown in Figure 5, and place the roll with the spindle onto the grooves near the back of the printer. Turn the paper roll so as to take-up any slack in the paper feeding to the printer. Make sure the roll of paper turns freely. If it does not turn freely, the paper will jam and will possibly damage the print mechanism.



### To Remove the Paper Roll:

First use the paper feed switch to advance the paper about one inch beyond the paper cutter. Now lift the paper roll away from the printer housing. With a scissor cut the paper feeding to the printer. Try to make the cut as square as possible to facilitate the next reloading of the paper. You may now pull the remaining paper through the printer mechanism. Be sure to pull the paper from the front (paper cutter side). Pulling the paper out of the back of the printer will damage the print mechanism.

### GENERAL PRECAUTIONS

Place your printer on a flat hard surface, like a tabletop.

Wait at least three seconds to turn on the power after it is turned OFF, otherwise the printer will not be initialized properly.

Never place the Printer where it is exposed to direct sunlight.

Never apply power while you are plugging or unplugging the input connector.

Do not print without paper and/or ribbon because the print head might be damaged.

Do not subject the Printer to temperatures below 5°C or above 40°C during operations, or to a sudden change in temperature.



#### IMPORTANT NOTICE

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna
- Relocate the computer with respect to the receiver
- Move the computer away from the receiver
- Plug the computer into a different outlet so that computer and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

"How to Identify and Resolve Radio TV Interference Problems."

This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Stock No. 001-000-00315-4.



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