

**QUALITY MADE IN U.S.A.**



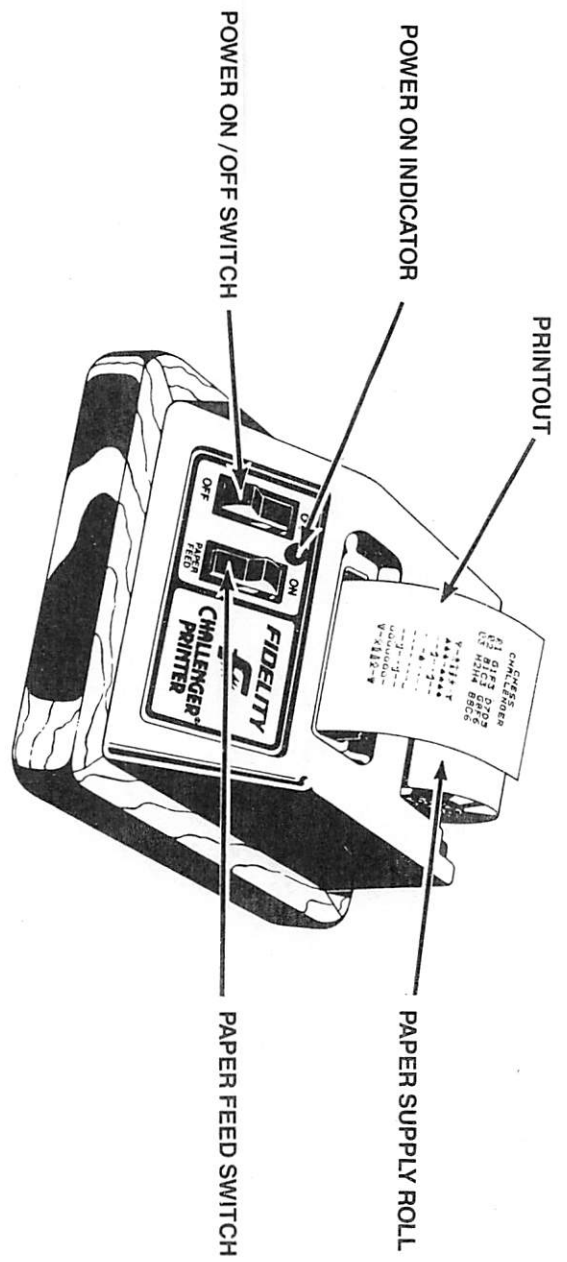


Figure 1. Fidelity Challenger Printer

The Fidelity Challenger® Printer is designed for use with the Fidelity Voice Sensory Chess Challenger®. Printer operation is automatic when it is plugged into the game and turned on. The chess game will operate with the Printer turned on or off.

## POWER ON

1. Plug the Printer Control Cable into the receptacle in the back of the Voice Sensory Chess Challenger® (Figure 2).
2. Plug the Printer Transformer into any convenient AC wall outlet (Figure 2).
3. Place the ON-OFF switch on the Printer in the ON position (Figure 1). The Power On Indicator on the Printer front panel will light (Figure 1).
4. To advance paper, press and hold the PAPER FEED switch in the ON position until desired length of paper is advanced (Figure 1).

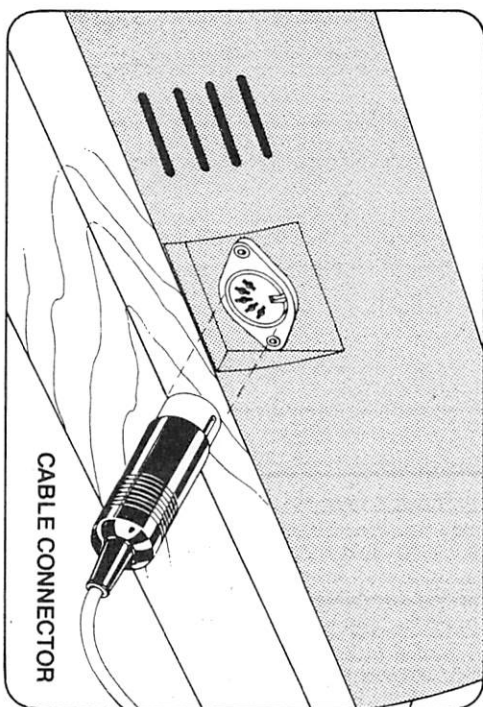
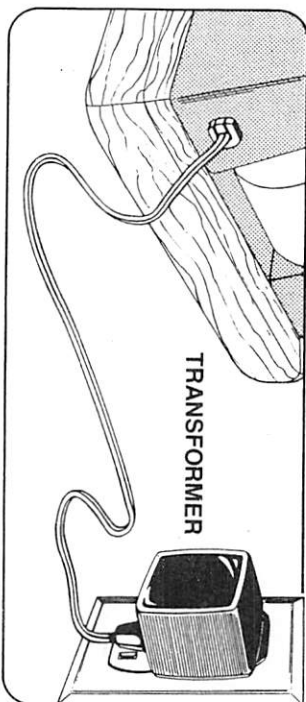


Figure 2. Cable & Transformer Connections

## REPLACING PAPER SUPPLY

1. Remove the Paper Spool and Shaft by pulling the Spool and Shaft assembly straight out of the recessed bearing cavities in the sides of the Printer Housing (Figure 3). Exert a steady pulling pressure on one end of the Shaft to snap the Shaft off the bearing.

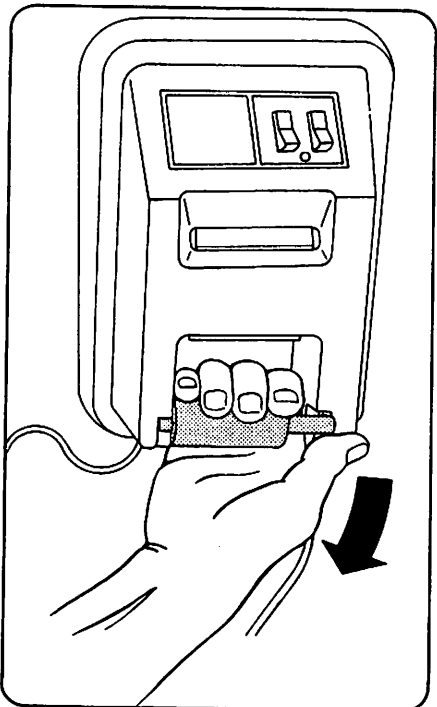


Figure 3. Removing Paper Supply Shaft

2. Place a new spool of paper onto the Shaft assembly so that the paper feeds off the bottom of the supply roll and towards the Paper Feed Channel (Figure 4). Press and hold the PAPER FEED switch in the ON position. Manually work the free end of the paper all the way into the Paper Feed Channel until the paper is caught by the feed rollers (Figure 5). Continue paper advance until about one inch of paper is exposed above the cutter edge.

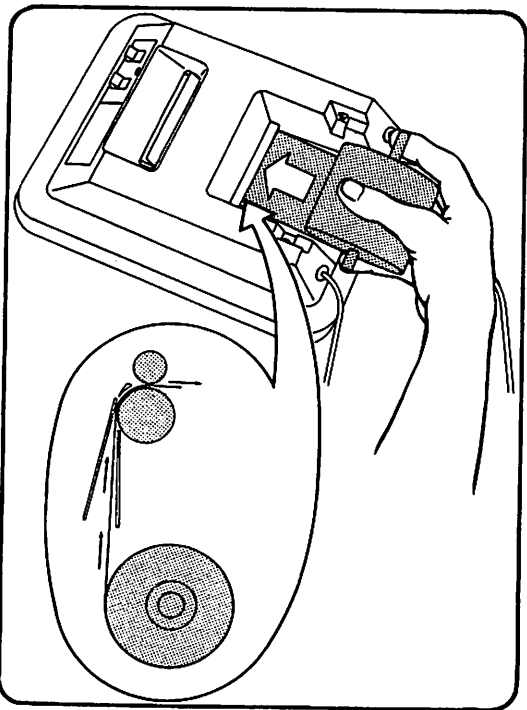
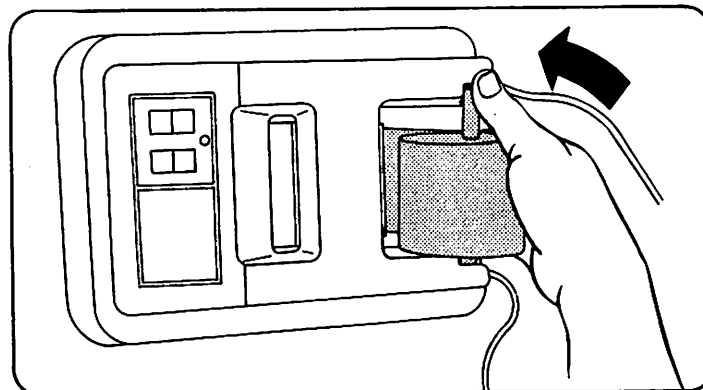


Figure 4. Threading Paper Supply

3. Replace the Spool and Shaft assembly by fitting one end of the Shaft onto a bearing and, by applying pressure as shown in Figure 5, snapping the other end of the Shaft onto its bearing.



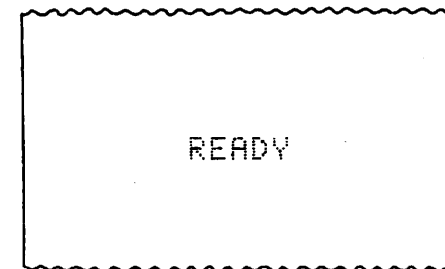
**Figure 5. Replacing Spool & Shaft**

## **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 6). Each line contains the move number, white's move (From and To) and black's move (From and To).

In the case of a book opening move, Challenger signifies the book move by adding "01" to the move sequence number as an identifier. For example, on the first move, the sequence number would normally be 01. If the first move is a book opening move, the first sequence number is printed as 02. The second move will be 03, etc., as long as book moves continue to be made. Suppose five book opening moves are made—the printout will read 06. If the next move is made out of book, the printout will again be 06 because now the Printer is recording the actual move sequence number in open play.

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



**Figure 6. Sample Printout**

When RESET is pressed on the chess game, the Printer will re-start the printout sequence for a new game by printing the words CHES CHALLENGER® (Figure 7).

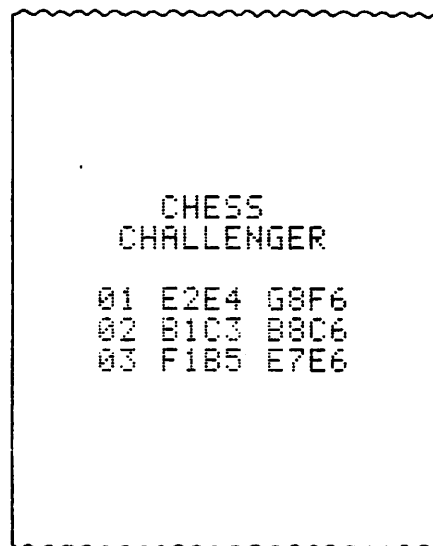


Figure 7.

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 8). When it is your turn to make a move, simply press any one of the piece type keys on the game, and then press the ST Key on the game. Figure 8 illustrates a sample graphic printout and shows the symbols used to designate the various piece types. A dash (—) is used to designate an empty square.

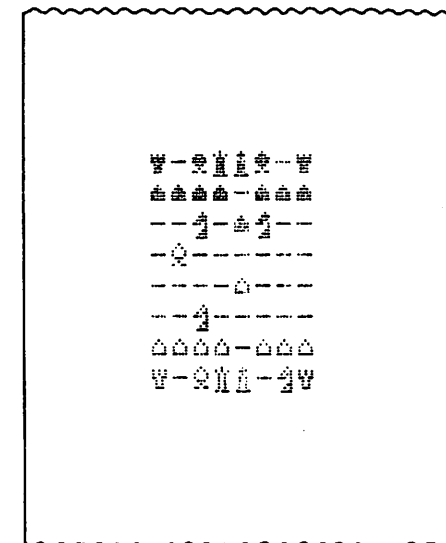


Figure 8. Sample Graphic Printout

## **SPECIFICATIONS**

**PAPER:** Texas Instruments Thermal Paper TP-27225, 2¼" wide  
by 2⅝" diameter, or equivalent.

**SIZE:** Length 9⅞"  
Width 6¼"  
Height Case 3"; Case & Paper Roll 3¾"

**WEIGHT:** Case & Transformer 2 lb, 13 oz.  
Paper Roll 6 oz.  
Case, Transformer, Paper Roll,  
Styrofoam and Shipping Carton 4 lbs.

**POWER:** 14 watts AC. 110 volts, 60Hz. 220 or 240 volts, 50/60 Hz.  
NOTE: A 60 Hz transformer cannot be used where 50  
Hz power only is available.

513-1029-1180



**FIDELITY ELECTRONICS, LTD.**

8800 N.W. 36th STREET, MIAMI, FLORIDA 33178.

PRINTED IN U.S.A.