



Model 3405

Expansion Board

INSTRUCTION MANUAL

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This Instruction Manual describes the procedure for installing the Model 3405 Expansion board to a Model 6002-6 Telephone Remote or 6003-6 2/4 Wire Remote.

PARTS NEEDED

- 1 - Model 3405 Expansion Board
- 1 - 80117-2.____ (for 6002) or 80118-2.____ (for 6003) PROM

INSTALLATION

A: Remove power from the 6002/6003 before proceeding with this procedure.

B: The 3394 (6002/6003) board assembly contains a 40-pin PROM (A10) that is installed in a socket. This 40-pin PROM must be replaced with the provided 40-pin PROM for the 6002/6003 to operate the 3405 expansion board being installed. Consult FIGURE 1 for the location of A10. Carefully remove the PROM from the socket. Avoid bending the pins on the PROM and do not discard the original PROM. Insert the original PROM in the black conductive foam shipped with the new PROM.

C: Install the new 80117-2.____ (6002) or 80118-2.____ (6003) PROM being careful not to bend the leads.

NOTE PROPER POSITION OF THE NOTCH ON ONE END OF THE PROM AS SHOWN IN FIGURE 1. THE PROM WILL BE DESTROYED IF IT IS INCORRECTLY INSTALLED IN THE 40-PIN SOCKET.

Check all pins on the PROM to be certain that they are inserted in the socket and not bent under the PROM.

D: The Model 3405 board contains all the interconnecting wires for installation to the 3394 board. These wires are cut to the correct length with female connectors attached.

Consult FIGURE 1 for the location of pins on the 3394 to which the wires of the 3405 board are attached. Consult FIGURE 2 and FIGURE 3 for the 3405 board and routing of wiring.

E: Install the wires from the 3405 board to the 3394 board as shown below:

<u>3405 Board</u>	<u>TO</u>	<u>3394 Board</u>
Orange Wire	--	Or. Pin
Yellow Wire	--	Yl. Pin
Violet Wire	--	Vi. Pin
Blue Wire	--	Bl. Pin
Green Wire	--	Gn. Pin
Gray Wire	--	Gy. Pin
White/Red Wire	--	Wh/Rd Pin
Black Wire	--	Bk. Pin

FIGURE 1

F: The 3405 board mounts to the 3394 board via the four stacking spacers mounted by the factory on the 3405 board. FIGURE 3 shows the proper position of the 3405 board and the routing of the wiring under the 3405 board. Align the 3405's stacking spacers with the holes in the 3394 board and press the 3405 board onto the 3394 board.

FIGURE 2

G: With the installation of the 3405 complete, apply power to the 6002/6003 and test for proper operation of the equipment with the new PROM and 3405 board. Consult your 6002/6003 Instruction manual for jumper positions and control format.

FIGURE 3