

INSTRUCTIONS FOR INSTALLING THE 198002 RECOGNIZER
APPARATUS UNIT ON TELESPEED TAPE-TO-TAPE SYSTEM TAPE
SENDERS 5A AND 5C

1. GENERAL

a. The 198002 unit provides unattended service with Telespeed Tape-to-Tape System Tape Senders 5A or 5C (VS227 and VS229). The unit causes an unattended sender to answer incoming calls automatically, if tape is available, and to send this tape if the calling station is a properly authorized receiver. The calling receiver must be equipped with the 199784 identifier apparatus unit. (Covered in Teletype Specification 50364S).

b. The 198002 unit comes assembled from the factory with the necessary screws and washers in bag attached to the unit.

c. For parts ordering information see Teletype Parts Bulletin 1176B.

2. INSTALLATION (See 7029WD, 7099WD and 7100WD)

a. Mount the 198002 unit in the apparatus box of Sender 5A (VS227) or the apparatus frame of Sender 5C (VS229) using the screws and washer found attached to the unit. Connect the power cable to the terminal strip located in the motor control relay apparatus unit, making connections as shown on the schematic drawings.

CAUTION NOTE

The sender power cord must be disconnected before removing the cover of the motor control relay apparatus unit.

b. Remove the strapping plug from the transmitter circuit apparatus unit and place it in the receptacle provided on the recognizer apparatus unit. Plug the cable from the recognizer apparatus unit into the transmitter circuit apparatus unit. Check the wiring options and correct if necessary to suit the installation. Pin 11 of the strapping plug must be pulled out and taped when 198002 apparatus is used. Pin 32 must be pulled and taped when the reverse channel feature is used. Z and ZC and SO wire options are wired on factory-furnished apparatus.

c. Place the equipment in operating condition and press the AUTO ANS key. Observe that this key lights as the tape reader switch is temporarily moved out of the run position and also as the tape lid is temporarily opened. Restore the set to operating condition. Call the station from another telephone. Observe that the call is answered automatically and that the data set generates an answer tone and then is silent. By whistling into the telephone it should be possible to make the signal generator rotate and send tape if disc is uncoded. Observe that with the signal generator stopped, relay ER is released. Manually operate the GO relay; the tape should be transmitted.

d. With Z wiring option an all space signal is generated when there is no tape in the reader. ZC wiring option, which is one of the Z option wires, is required when the 199788 unattended send/receive apparatus is used. SO option is removed when the 199788 send/receive apparatus is used. Refer to BSP 592-807-101 for wiring options. To remove Z wiring options, locate relay K1203. Remove the two wires on wire spring 12M of K1203, twist together, tape, and store. Locate relay 1201-L. Remove the wire on wire spring 3B, tape and store. Locate relay K1201-U. Remove the wire on wire spring 8M, tape and store. To remove SO wiring option, locate the card connector. Remove the wire on pin H that is wired to 1U of relay K1202-U. Tape and store this wire.

e. Remove and code the signal generator disc in accordance with standard practice. Clean the coding disc with a clean soft cloth to remove all dirt and finger prints. Replace the disc. Have the station called by a receiver coded to call the station. In the absence of such a receiver place an uncoded disc on the signal generator and have the station called from a similarly uncoded receiver. Observe proper operation of the equipment.

3. ADJUSTMENTS AND LUBRICATION

The 198002 recognizer apparatus unit has no adjustments or lubrication procedure. Other information concerning this unit is to be found in the standardized information.

* * *