

Olson Electronics was an electronics parts retailer based in Akron, Ohio. They sold both new and surplus equipment through both retail stores and catalog sales. They went out of business in the mid 1980s.

These documents are provided to show the kind of telephone equipment that was available from "retail" establishments in the past and not as a reference for how to wire a telephone set.

Olson electronics

260 S. FORGE ST., AKRON, OHIO 44327

INSTRUCTIONS FOR THE INSTALLATION OF A DOOR LOCKING BRACKET FOR WE, NE OR AE 3 SLOT PAYSTATIONS

You have purchased a 3 slot Paystation as manufactured by either Western Electric (WE), Northern Electric (NE) or Automatic Electric (AE). All are similar in construction with only minor differences. The upper section lock and lower door lock have been removed at the factory and therefore a simple screw tightening, door locking bracket supplied is to be installed.

To make this installation, the following instructions will apply:

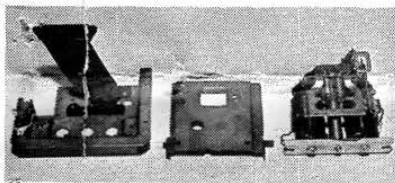


No. 1

Strip down the telephone by removing the two screws that hold the large polar relay. Cut the wires connecting this relay to the back panel. They serve no function in home telephone use.

Remove the bottom door slide assembly and the top relay mounting bracket. Top and bottom screws reached with a small screwdriver hold this hardware in place. If there is difficulty in removing the top bracket it is because the coin return shoot is blocking. 3 small screws hold this assembly in place. Remove them and the upper mounting bracket will lift out easily.

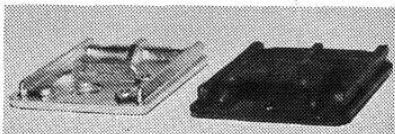
Once the telephone is stripped down, wire for Home use as per the instructions provided.



No. 2

There are two types of lower doors. An AE type with saddle mount built in, and the NE type without saddle mount. Note: A saddle mount bracket is included in the door locking kit for the NE door. Install with screws provided.

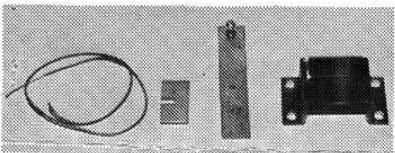
Install vertical locking bar with the 1 inch 8 X 32 screw in place and insert into the bottom door saddle bracket as shown in the photograph.



No. 3

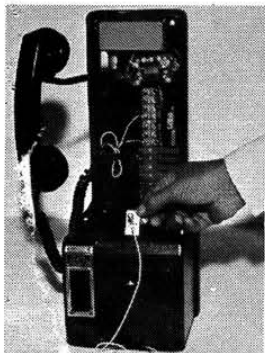
To facilitate lining up the 8 X 32 screw through the upper housing lock hole, tie a short piece of string under the head and feed through the upper lock hole.

Attach the upper housing into the single stud on the top of the telephone housing. Push in place and pull the 1 inch 8 X 32 screw through the upper lock hole.



No. 4

Slide on the special rectangular slotted washer and tighten the screw. Both the upper housing and lower door will be securely held in place.



PHOTOGRAPHS

1. Paystation stripped.
2. Parts to be discarded.
3. NE and AE bottom doors.
4. Door locking bracket kit.
5. Placement of locking bar.
6. Placement of slotted washer.
7. Completed Home Telephone.

Note: Most telephone components were intended to be used with a subscriber's set. Direct wiring to telephone line could cause damage to the components or worse, hearing damage due to the lack of any acoustic shock (loud click) protection that is provided by a modern telephone network.

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3 SLOT PAYSTATION CONVERSION FOR HOME USE

You have purchased either a WESTERN ELECTRIC PAYSTATION,
or an AUTOMATIC ELECTRIC PAYSTATION

In order to convert either of these Paystations for home use (the coin operation mechanism is bypassed nor is there a ringer), each telephone should be stripped down eliminating all components except those that provide home service. These are:

THE DIAL THE HANDSET THE HOOKSWITCH

Once the telephone is stripped, it is recommended that a terminal block be installed (purchased separately) in a convenient place in order to make it easy to connect the above components (insulated connections could be made).

Outlined below are typical wiring diagrams for W.E. and A.E. Paystations. Follow the color coding in the diagram for the unit in your possession.

