

MODULAR SYSTEMS COIN SHELVES 7000, 8000, AND 9000
SERIES, DESCRIPTION, INSTALLATION AND MAINTENANCE

1. GENERAL

1.01 This section provides description, installation, maintenance, and ordering information for modular coin telephone shelves manufactured by Modular Systems, Inc.

1.02 The shelves are of modular construction, easily assembled on the job. The shelves are shipped unassembled in a flat cardboard carton, providing easy storage and handling. Leg assemblies are also shipped unassembled in a cardboard carton.

1.03 The series 7000 and 8000 coin telephone shelves are identical, except for size. The 8000 size is smaller, designed for use where space is limited. The shelves are designed for indoor use only and may be mounted directly on a wall, using the mounting brackets provided, or mounted on free standing leg assemblies. Leg assemblies must be ordered separately. The shelves accommodate all 200, 1A or 1C type coin telephones.

1.04 Multiple-unit coin telephone shelf installations are possible with the use of add-on units. An add-on unit consists of a conventional shelf less one side panel. The single side panel supplied is equipped with shelf and back panel mounting studs on both sides, to facilitate connecting adjacent units together into one integral installation.

1.05 The leg-mounted coin telephone shelves may be positioned against a wall, or out in an open area. For installation in an open area, an outside back panel should be used to provide a finished appearance for the rear of the shelf.

1.06 The Series 9000 shelf is available for installation of the 2A or 2C type panel coin telephones.

1.07 A four station mobile unit coin shelf equipped with wheels is also available. This unit would be useful as a short-term or temporary installation.

2. DESCRIPTION

2.01 The 7001 shelf is 23-5/8 inches wide, 29 inches high and 12-1/2 inches deep. When equipped with legs the overall height is 64 inches. (See Fig. 1)

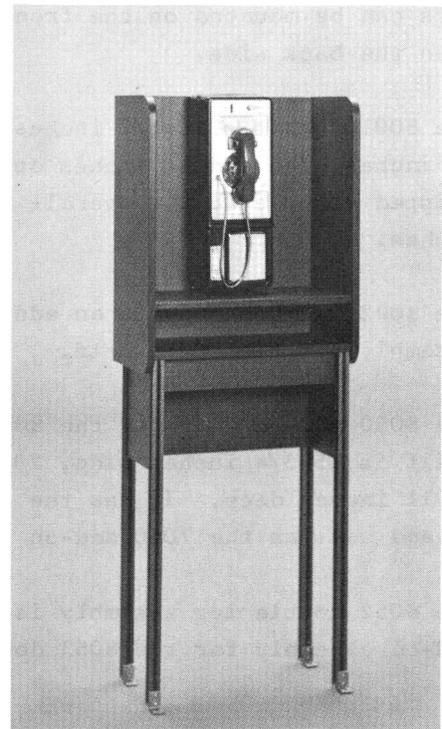


Fig. 1
Model 7001 with 7002 leg unit

2.02 The 7002 leg assembly is an add-on assembly for the 7001 shelf.

2.03 The 7050 add-on unit for the 7001 shelf is 22-7/8 inches wide, 29 inches high and 12-1/2 inches deep. One common LH-RH side panel forms a single divider between two phone shelves. For use in multiples of two or more shelves in a row.

2.04 The 7052 double leg assembly is an add-on assembly for the 7053 double shelf.

2.05 The 7053 double shelf with leg unit consists of one 7001, one 7050, and one 7052. It is 46-1/2 inches wide, 12-1/2 inches deep, and 64 inches high.

2.06 The 7054 is a four station mobile unit coin shelf. It is 46-1/2 inches wide, 25 inches deep, and 64 inches high. It is equipped with wheels. Two coin collectors can be mounted on the front side and two on the back side.

2.07 The 8001 shelf is 16-1/2 inches wide, 29 inches high and 11 inches deep. When equipped with legs, the overall height is 64 inches.

2.08 The 8002 leg assembly is an add-on assembly for the 8001 shelf.

2.09 The 8050 add-on unit for the 8001 shelf is 15-3/4 inches wide, 29 inches high and 11 inches deep. It has the same features and uses as the 7050 add-on unit.

2.10 The 8052 double leg assembly is an add-on assembly for the 8053 double shelf.

2.11 The 8053 double shelf with leg unit consists of one 8001, one 8050, and one 8052. It is 32-1/4 inches wide, 11 inches deep and 64 inches high. (See Fig. 2)



Fig. 2
Model 8053

2.12 The 9001 shelf is 17-7/8 inches wide, 24-1/8 inches high, and 6-7/8 inches deep.

2.13 The following items are outside back panels for use where the free standing shelf units have exposed backs. They are available in colors to match the shelves.

- (a) G-8 for use with 7001 shelf.
- (b) G-78 for use with 7053 shelf.
- (c) G-85 for use with 8001 shelf.
- (d) G-88 for use with 8053 shelf.

2.14 The Modular System shelves are available in six formica colors: walnut, teak, birch, green, tan linen, and red. The leg assemblies are extruded aluminum and are available in bronze finish for the walnut shelves, black finish with teak shelves, and clear anodized aluminum with the other colors.

3. ORDERING INFORMATION

3.01 Coin telephone shelves and other units manufactured by Modular Systems, Inc. may be ordered from Western Electric in the following manner using the unit ordering numbers shown in Paragraph 2.01 through 2.13. Specify color desired.

(Quantity) Shelf, Coin Modular, 7001,
Walnut

4. ASSEMBLY AND INSTALLATION

4.01 Ensure that location specified on service order corresponds to customer wishes. The following conditions should be met.

- (a) Free of such hazards as stairways, narrow passageways, uneven or unsafe floors.
- (b) Avoid locations near heating vents, sinks, radiators, fuse boxes, or switches and areas subject to water.
- (c) Within full view of the public.
- (d) Readily accessible to customers.
- (e) In a well-lighted area.
- (f) Ensure that wall will provide a secure mounting for wall mounted shelves.
- (g) A vertical surface must be provided for mounting the coin telephone set. A tilt greater than 1-1/2 degrees in any direction can cause coin chute malfunction.

4.02 Due to its modular construction easy on-job site assembly is possible. Each panel is assembled separately. This allows the installer to mount the back panel to the wall bracket, which results in a simple and easier installation.

4.03 The wall mounting bracket furnished with each shelf shall be used on all installations where legs are not furnished. (See Fig. 3) The wall bracket shall be

securely fastened to the wall with approved fasteners, determined by the wall surface, at a height of 57-1/2 inches from the floor. The bracket must be level. Attach the back panel of the shelf to the bracket using two 1/4"-20 x 3/4" P.H.M.S. provided. A minimum of four additional No. 14 fasteners of a type determined by the wall surface, shall be used to secure the back panel to the wall. These fasteners must be placed through the 174A or 178B backboard, shelf back panel and into the wall.

4.04 With the back panel in place, side panels, and the top and bottom shelf may be positioned as shown in Figure 3.

4.05 Shelves equipped with aluminum legs may be assembled in the following manner.

(a) Use of the carton furnished with each shelf will aid in assembly. Flatten carton and place on the floor to prevent scratching the shelf surface or marring the customer's floor.

(b) Place legs on carton with bracket on legs to the rear. The two supporting brackets mounted near the top of the legs provide a stop which prevents the back of the shelf from dropping down after the assembled shelf is placed on the legs.

(c) With the finished side of the center panel facing you, engage shoulder screws of one side panel in slots provided and press the panel down firmly.

(d) Tilt legs to one side to engage shoulder screws in the other side panel, press down firmly to insure a tight fit.

(e) Rest side panels of shelf on carton, slide top shelf in place by engaging shoulder screws in slots. (See Fig. 3) Follow same procedure for bottom shelf.

4.06 All shelves equipped with legs must be

fastened to the floor or wall. Leg units are furnished with four floor brackets. Use No. 10 roundhead screws of a type and length determined by the floor surface. Four rubber caps are packaged separately. These caps are to be placed on the bottom of the legs to prevent metal edges from damaging the customer's floor.

4.07 Either a 174A, backboard for 200 series coin collectors or a 178A backboard for 1A1 type shall be used to secure the coin collector to the shelf. Fasten the backboard to the shelf with eight 1/4-20 x 1-1/4" F.H.M.S. screws. These machine screws will provide solid thread penetration into the TEE-NUTS. The screws are not furnished with the shelf and must be ordered separately.

4.08 The wire entrance channel on the back panel has been routed from the top to bottom of the panel. This will allow a top wire entrance if required. Notching out the plastic bullnosing will allow the wire to pass through.

4.09 If a subscriber set is required it shall be installed on the bottom of the shelf and centered directly below the wire entrance hole, for wall installations. If required on shelves equipped with leg units, it shall be located on the back side of the center panel of the leg unit.

5. DISASSEMBLY AND REMOVAL

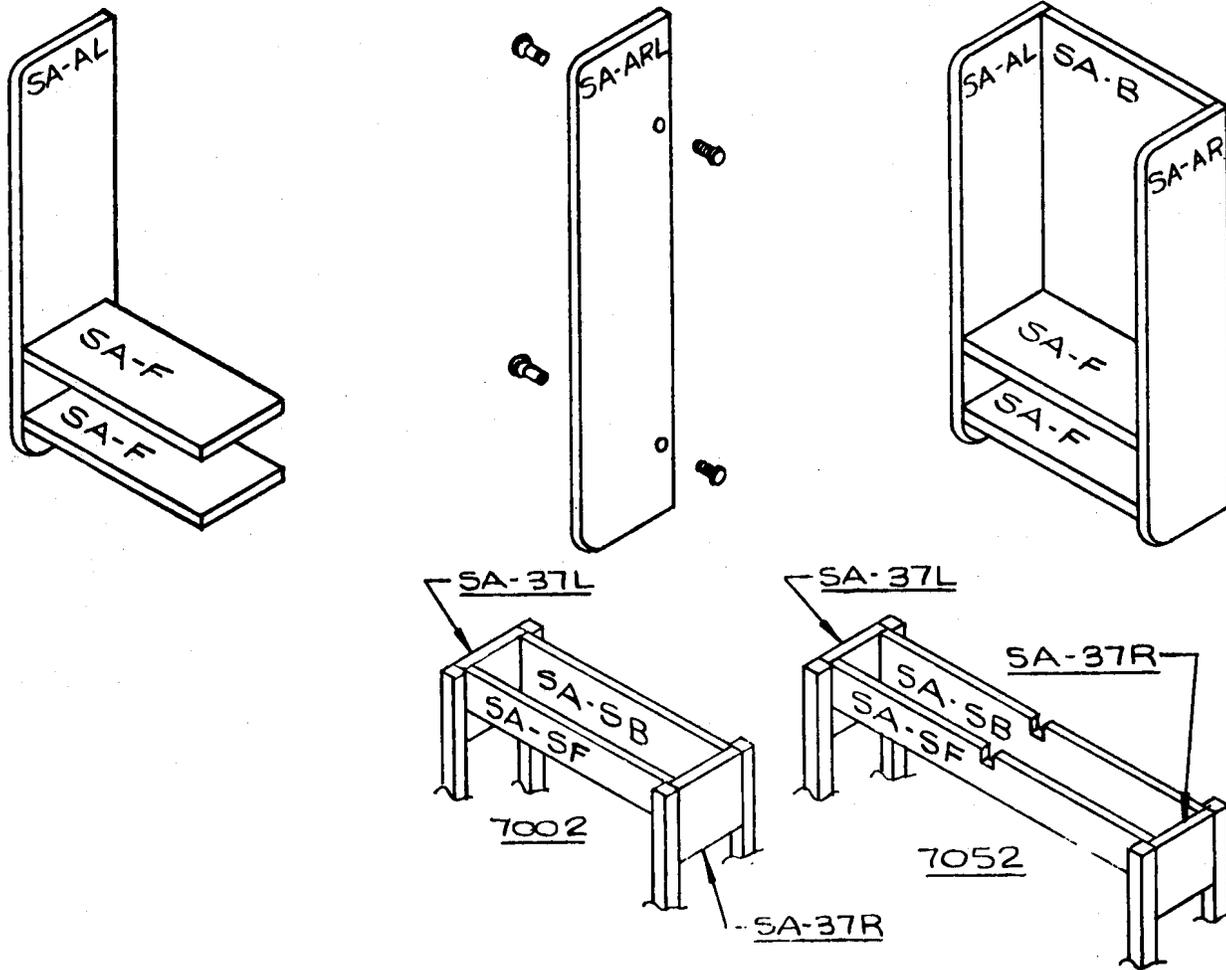
5.01 The side panels and shelves are equipped with new style slide clips, one of which is self-locking. This locking clip is located on the bottom end of the side panels and the right rear side of the shelf. A small opening is provided on the underside of the shelf and the inner side of the side panel, to allow the insertion of a 4" screw driver blade to release the lock. To release lock, turn, or pry outward on the handle of the screw driver to compress the latch away from the screw head and while holding the latch compressed, slide the shelf towards you. Repeat these operations for the second shelf. Removing the shelves will allow access to the locking clip in the side panels. The side panels are released from the backboard by using the 4" screw driver as above and then sliding side panel upwards.

6. MAINTENANCE

6.01 Normal maintenance of modular shelves will require cleaning with a mild soap and water.

6.02 Damaged panels or parts may be easily replaced in the field by following the procedures in Paragraphs 4.03, 4.04 and 5.01.

6.03 Parts are available from the supplier for replacement procedures. Refer to Figure 4 for the part identification. Specify which series is needed, 7000, 8000 or 9000. Specify color.



PART NO.	DESCRIPTION
SA-B	Back panel
SA-BH	House phone panel
SA-AR	Side panel
SA-AL	Side panel
SA-ARL	Add-on panel
SA-F	Shelf
SA-37R	Two legs and panel
SA-37L	Two legs and panel
SA-510	Foot angle and bracket
SA-508	Rubber feet
SA-1179	Spacers and screws
SA-SF	Front spreader
SA-SB	Back spreader
SA-70	Wall mounting board
SA-75	Add-on wall mounting board
1192	Locknut and screw
1187	Decor strip (white or walnut)

Fig. 4

Ordering Information for Modular Coin Shelves