

STATION SETS

SELECTING INDOOR LOCATIONS

1.00 INTRODUCTION

1.01 This section will guide in planning the location of commonly used station apparatus for use under the following conditions:

- For general use
- Indoors at normal temperatures
- In a nonexplosive atmosphere
- At dry locations.

1.02 Whenever service is to be provided in other than the above indoor locations, special or specially treated sets should be used and special procedures must be followed.

Telephone apparatus or wiring must not be installed at a location where acetylene gas may become present in the atmosphere.

1.03 This section is reissued to include information on bathroom locations.

1.04 Due to extensive changes marginal arrows have been omitted.

2.00 LOCATION

2.01 The telephone apparatus should be installed in the location chosen by the customer. It may be helpful to point out that some locations are not conducive to concealed wiring or proper maintenance. Consideration should be given to being able to hear the ring throughout the premises.

2.02 From a maintenance viewpoint, avoid locations where the room noise is likely to cause customer complaints of "Can't hear" or "Can't be

heard." However, if no quieter location is available, review the section entitled Apparatus For Use At Noisy Locations. In addition, apparatus should be accessible for maintenance and free from accidental mechanical damage or receiver-off-hook trouble.

2.03 If the customer, after being acquainted with these facts, insists upon a location which is undesirable from a maintenance viewpoint, the matter should be referred to a supervisor.

2.04 Where the appearance of the completed installation may have a bearing on the customer's choice of location, the customer should be informed as to where it may be necessary to have holes drilled, and where wire or cable will be placed and exposed.

2.05 Discourage locations on finely finished surfaces such as:

- Marble
- Expensive wood paneling
- Ceramic or glass tile.

Note: The customer should make arrangements to have holes drilled for the above surfaces.

2.06 To avoid inductive noise, do not place telephone apparatus near fluorescent light units.

2.07 The use of available conduit facilities should be considered when planning station apparatus locations, and the advantages of concealing wire in conduit should be pointed out to the customer.

2.08 Available niches and shelves may be used. Table A gives necessary dimensions of shelves.

TABLE A
SHELF DIMENSIONS

Type Set	Depth	Width
	Inches	Inches
202	6	12
300	8	12
500	9-1 2	12
5300	8-1 2	12
540	10	12
560	10	12
701	5	12
702	5	12

2.09 The subscriber set may be mounted in a wall cabinet provided for that purpose. Care should be exercised to be sure the set is mounted in the proper position. Adjust signal to satisfy the customer.

2.10 When the customer desires a telephone in a dimly lit location, a set with a dial light such as the Princess, Fig. 1, may be desirable.

3.00 LOCATING ON DESKS OR TABLES

3.01 When locating a connecting block or subscriber set on a desk or table, consider which hand the customer uses to hold the handset.

3.02 Inspect desk for special wiring facilities which may be provided by the manufacturer, such as built-in brackets for mounting connecting blocks, subscriber sets with bakelite covers, or knock-out discs with rubber grommets for telephone set mounting cord.

3.03 Where no special provisions are made for mounting connecting block or subscriber set, select a location as follows:

CONNECTING BLOCK

- Locate on one of the outer panels just below the top of the desk. A practical objective is to place the connecting block high enough to hold the cord off the floor. Consider, where necessary, the use of a spring mounting cord.



Fig. 1 — 702B Telephone Set

SUBSCRIBER SET

- On the side of the pedestal of desk near the top, inside the knee well, and away from a person's legs.
- On the underside of a table.
- Near the top, on the left or right side of a desk or table.

CONVENIENCE

- This location will permit the station set to be moved to practically any place on top of the desk or table.

MAINTENANCE

- The cord will not be subjected to damage by being stepped on or crushed, or by floor cleaning operations such as sweeping, mopping, or waxing. There will be less chance of the station set being accidentally pulled off the desk or table.

4.00 BATHROOM LOCATIONS

- 4.01** Whenever possible a wall-type set should be installed in these locations.

4.02 If a wall set installation is not feasible, a desk-type set may be installed subject to the following conditions:

- The telephone set mounting cannot be brought into the bathtub or shower.
- The telephone set mounting cannot rest on the edge of the bathtub.

4.03 If a jack is installed in the bathroom it must be located so the preceding requirements will be met.

5.00 WALL HANDSETS AND HANGING-TYPE HAND TELEPHONE SETS

The 354- or 554-type wall sets and 211-type hand telephone sets should be placed at a height most suitable for the customer. Generally, the determining factor will be whether the customer will stand or sit while using the equipment.