

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C32.001
Issue 1, 5-11-34
Standard

HAND TELEPHONE SETS AND
DESK STANDS
LOCATING AND MOUNTING

1. GENERAL

1.01 This section covers the locating and mounting of hand telephone sets and desk stands and replaces Section C25.301. It is issued to cover bathroom locations and mounting of C type hand set mountings on walls in addition to the information previously given in Section C25.301.

2. LOCATING STATION APPARATUS

2.01 The installer in selecting a location for the station apparatus should be guided primarily by the wishes of the customer. There are, however, opportunities for the installer to suggest a location having the following advantages:

- (a) Convenient to the customer.
- (b) Where the possibility of the apparatus being knocked down from tables, radiators, etc., is remote.
- (c) Where interruptions to service due to the receiver catching on a book, dish, etc., will be minimized.
- (d) Satisfactory to subsequent occupants of the premises on reinstallations and reconnections.

2.02 Avoid locations where the users, installers or repairmen, or apparatus itself would be exposed to injury. Likely sources of hazard are:

- (a) Doors, piled merchandise or other movable objects nearby.
- (b) Stairs leading down, trapdoor or other location where one may be injured if care is not exercised in approaching or departing from telephone.
- (c) Unstable tables, etc., where hand telephone set or desk stand would be liable to fall.

2.03 Avoid locations where dropping of hand set or receiver would injure glass show case or similar property of subscriber.

2.04 If a dial station, locate hand telephone set or desk stand where there will be sufficient light for dialing, both at night and during the day.

2.05 In so far as possible, locate in dry locations. Avoid a location close to a radiator, or a window which may be left open, thereby exposing hand telephone set or desk stand (especially the cords) to rain or moisture.

2.06 In so far as possible, avoid a location in a noisy place. Where there is no alternative, however, such as a location in a factory, in a large office where there are many people, near an elevated or other railroad or noisy street, etc., connection for sidetone reduction may be employed in accordance with instructions on the use of the sidetone reduction circuit or an anti-sidetone set should be installed as covered in the approved transmission zoning practice, or in other instructions.

3. LOCATING APPARATUS IN BATHROOMS

3.01 The "C" type hand telephone set or the wall set are best adapted to meet the conditions. Desk sets are not suitable for such cases. In view of the severe moisture conditions likely to be encountered, waterproof receiver cords and hand telephone set cords should be employed.

3.02 The telephone instrument should be located as far as practicable from grounded objects, such as radiators, water faucets, etc. In all cases the set should be placed so that the customer cannot use the telephone while in the bathtub or shower. Generally with a wall set there should be no difficulty in meeting this requirement, but with the hand telephone set it may be necessary to shorten the standard cords in order to meet the condition. In case it is necessary to shorten a standard cord the excess cordage should be stored inside the handset mounting or subset. Whenever practicable, the bell box or ringer should be mounted outside of the bathroom in order that this part of the apparatus be not exposed to the moisture conditions within the bathroom.

4. MOUNTING

4.01 Mount C type hand set mountings on wooden or metal desks or tables as shown below (desk shown).

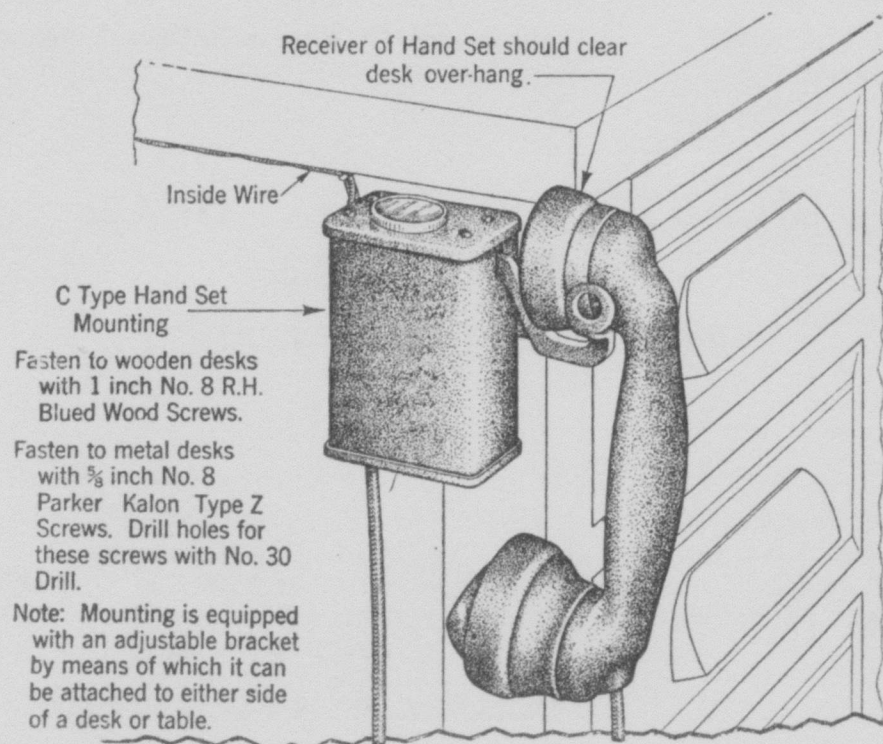


Fig. 1

4.02 Mount C type mountings on walls with 157A backboard. Two fasteners are required. See the Section C31.145 for the type of fasteners to be used for mounting backboards on walls.

4.03 Attach C type mounting to 157A backboard with three 1 inch No. 8 R.H. Blued wood screws.