

COM KEY* ARRANGEMENT USING 580A KSU AND 832- OR 2832-TYPE TELEPHONE SETS

1. GENERAL

1.01 This section provides information on the use of 10-, 11-, or 13-button telephone sets (832- or 2832-type) with a 580A Key Service Unit (KSU). This arrangement can be used to provide COM KEY service in those instances where more than eighteen stations but seven or less CO/PBX lines are required.

1.02 Whenever this section is reissued, the reason for reissue will be listed in this paragraph.

1.03 This issue of the section is based on the following drawings:

CD- and SD-69653-01, Issue 2D-14A
Communication System

CD- and SD-69654-01, Issue 1-832A and
2832A Telephone Circuit for Use With 7A
Communication System

Additional information may be found in the following
Bell System Practices:

503-701-110-832- and 2832-Type Telephone
Sets; Identification, Installation, Connections
and Maintenance

518-450-100-7A Communication System
(COM KEY 718)

518-450-102-14A Communication System
(COM KEY 1434)

1.04 The 832- or 2832-type telephone sets should be ordered on the basis of the optional features to be provided (recall, privacy, privacy release, and/or night transfer). For detailed information on telephone sets and method of installing options, refer to the section on the 7A Communication System.

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Note: 833- or 2833-type telephone sets are not to be mixed with the 832- or 2832-type telephone sets in this arrangement.

1.05 Although the 580A KSU has the capability for three intercom paths, only two can be accessed because the 832- or 2832-type telephone sets provide only two intercom pickups.

1.06 If station busy with Direct Station Selection (DSS) or Message Waiting (MW) is required at the attendant position, use a 7A1 or 7B1 console respectively.

2. INSTALLATION

2.01 The 580A KSU should be mounted and properly grounded as described in the section for the 14A Communication System in Division 518. CO/PBX lines (maximum of seven) are terminated on block 7, column A, terminals 23 to 36.

2.02 A modification of the 580A KSU is required to make the night transfer option available in the 25-pair cable count to the attendant teletest. Using 183B2 adapters, modify as follows:

(1) Strap terminal 46, column G, block 6 to terminal 40, column G, block 7.

(2) Strap terminal 47, column G, block 6 to terminal 41, column G, block 7.

2.03 All other system options or wiring are installed identical to the 14A Communication System as detailed in the section covering the system.

2.04 One 25-pair connector cable is required for each station telephone set. The cables are terminated on blocks 6, 8, 10, 12, and 14 on the proper column for the code assigned. Terminate the cables by the even-count color code. No

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connections are required on blocks 7, 9, 11, 13, or 15.

attendant position. This cable is terminated on blocks 6 and 7.

2.05 If a DSS or MW console is required, a 50-pair connector cable must be run from the