

MATRIX BLOCK - 1A1
IDENTIFICATION, INSTALLATION, WIRING, AND MAINTENANCE

1. GENERAL

- 1.01 This appendix supplements Section 461-620-100.
- 1.02 This appendix is issued to add information about the 3 by 8 and 6 by 13 Selectro Matrices.
- 1.03 They are designed to be used with Pacific Company Standard prewired equipment to provide for the arrangement of common or group bells. Various bell combinations are obtained with the use of Plug Diodes and Shorting Pins. Bell rearrangements can be performed rapidly without disrupting the customer's service (see Fig. 1).

2. IDENTIFICATION

- 2.01 The 3 by 8 Matrix has 3 vertical rows of pin positions with 8 pin positions per vertical. One Matrix controls 3 ringers (less capacitors) from 8 separate Key System Line Circuit Units (see Fig. 2).
- 2.02 The 6 by 13 Matrix has 6 vertical rows of pin positions with 13 pin positions per vertical. One Matrix controls 6 ringers (less capacitors) from 13 separate Key System Line Circuit Units (see Fig. 3).

3. INSTALLATION

- 3.01 The ringing control (RC) leads are terminated on solder lugs on the left of the block. The common audible (CA) leads are terminated on solder lugs at the bottom of the block. Proper audible signal control requires the use of a plug diode per line, per ringer. Where only one ringer is to be connected to one line, a shorting pin can be substituted for a plug diode at the proper crosspoint. The matrices are compatible with 1A1 or 1A2 systems.
- 3.02 The principles of the 1A1 matrix outlined in this section can be applied for the Selectro Matrix.
- 3.03 Order material as follows:

- Block, Matrix Selectro 3 by 8 P150.
- Block, Matrix Selectro 6 by 13 P151.
- Plug Diode - De 69110 List 4 (see Fig. 4).
- Pin Shorting - DE 69110 List 5 (see Fig. 4).

SECTION 461-620-100PT
APPENDIX 1

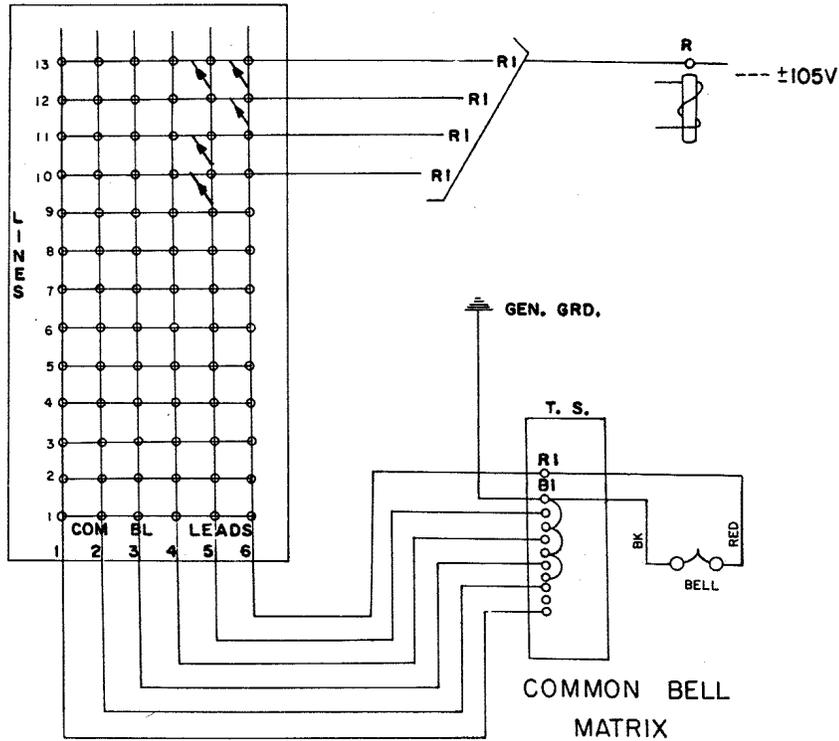
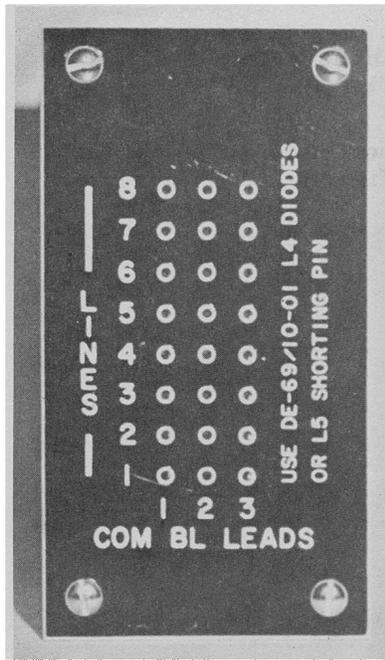
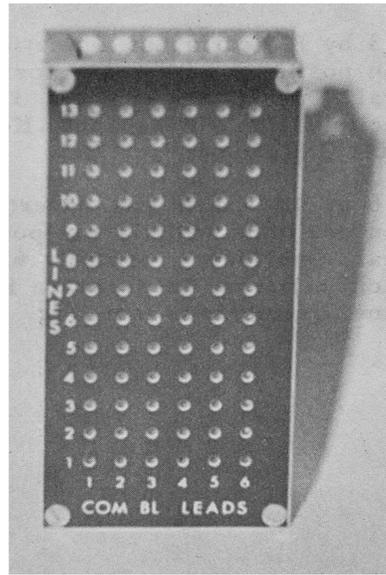


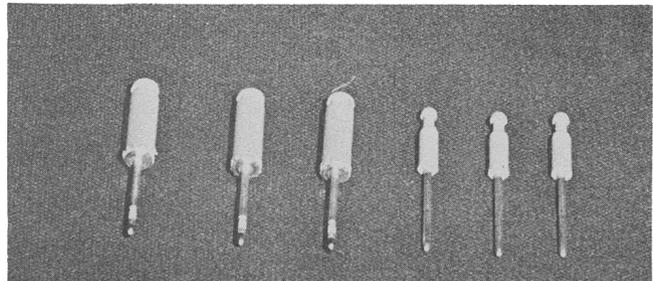
Fig. 1



3 x 8 Selectro Matrix
Fig. 2



6 x 13 Selectro Matrix
Fig. 3



Plug Diode (DE69110 L4)
Pin Shorting (DE69110 L5)
Fig. 4