

1A1 KEY TELEPHONE SYSTEM  
CONNECTION DATA  
INTRODUCTION

1.00 GENERAL

1.01 The sections included on the index of Section 518-114-100 cover typical installation of the 1A1 key telephone system.

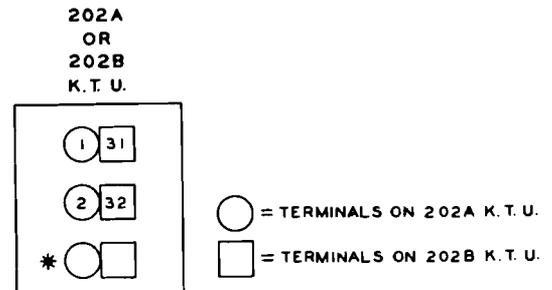
1.02 These sections cover most types of installations; however, it may be necessary to consult SD drawings for rarely used units or features.

1.03 The condensed connection drawings in these sections show, on a package basis, connections at the apparatus cabinet. This includes strapping between key telephone units, terminating of wires from power sources, terminating lines from central office or private branch exchange, and terminating key or running cables from key telephone stations, by the installer in order to provide the most common features. Connection drawings do not include connecting block or telephone set connections.

1.04 No attempt has been made in these sections to assign specific cable pairs, in the running or key cables, for specific features in the apparatus cabinet. However, key cable assignments should follow the standard terminations for the four 44-type connecting blocks shown in station connection sections.

1.05 Specific package drawings required to provide connection data for any installation may be selected by determining the features to be provided in the installation from the key system work sheet which usually is issued by the commercial department along with the service order.

1.06 Some of the drawings in these sections have more than one key telephone unit that will furnish the desired features. To keep the drawings at a minimum, symbols have been used for identification purposes. For example: In drawings using either a 202A or 202B key telephone unit, see Fig. 1.



\*If circle or box symbol does not contain a terminal number, the terminal is not a terminating point on that particular key telephone unit.

Fig. 1 - Key Telephone Unit Terminal Strip

1.07 Some key telephone unit terminal strips are designated A, B, and C when a unit contains more than one strip. These will be shown in the following examples. Fig. 2 is an example of identification of terminal strips when strips are shown separately. Fig. 3 shows one strip representing two or more terminal strips of the same unit.

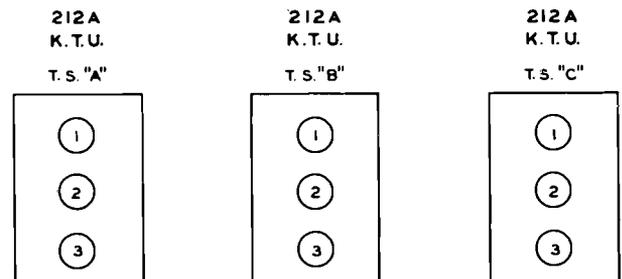
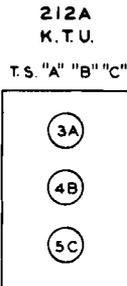


Fig. 2 - Key Telephone Unit Terminal Strips



Note: The alphabetical designation identifies the terminal strip of that particular unit. For example: 3A is the third terminal of the A terminal strip. 4B is the fourth terminal of the B terminal strip, etc.

Fig. 3 - Key Telephone Unit  
Terminal Strip

1.08 Circuit drawings have been included to supplement connection drawings. A description of operations has been included on the back of the foldout connection drawing sheets. These are provided as additional aids in clearing possible cases of trouble which might be encountered.

## 2.00 INSTALLATION

For installation information on locating, mounting, and wiring equipment, see the section covering 1A1 Key Telephone System, Installation.