



Wiring Diagram of No. 70A Amplifier

4.01

Electrical Research Products Inc.

EQUIPMENT BULLETIN

EQUIPMENT BULLETIN

Reason for Release

- 0.1 To bring list of modified apparatus up-to-date.
1. Associated Drawings:-- ASP-577, Modification Labels
ASL-547, Modification Labels
ASL-503, Modification Labels

Modified Equipment Recoding

- 2.1 When a modification of existing apparatus is made to take advantage of some improvement, or later developments, or in order to correct a defect, the associated equipment, or changes in wiring and/or circuit and drawings, should be suitably modified. Details of modification are covered in E.B.'s on individual equipment items.
2.2 Apparatus having a standard W. E. code number such as "8-B Amplifier" when modified, has a distinguishing letter placed before the code number, e.g., "A-8-B Amplifier". For exceptions see Section 2.4.
2.3 Apparatus having a "D" Specification, "KS" number or a "TA" Specification, such as "D-5593-A Amplifier", when modified, has a distinguishing letter placed after the code number, e.g., "D-5593-A Amplifier". For exceptions see Section 2.4.
2.4 The above rules have not been invariably observed in assigning new code numbers as reference to the table in Sect. 7 will show. However, they have generally been followed. The following are some of the exceptions:
41-B Amplifier modified to E-41-C
42-C Amplifier modified to E-42-E
49-B Amplifier modified to E-49-C
42-C Amplifier modified to E-42-E

Modified Equipment, Relabeling and Recoding Required

- 3.1 The marking for field equipment modifications listed shall consist of:--
(a) The affixing of new circuit labels, over the existing ones, where required or the marking of the existing ones in ink, as specified in the individual E.B.'s on the equipment concerned.
(b) The affixing of the markers, shown on the associated drawings, immediately below and adjacent to the original nameplate. The existing code number on the nameplate is to be covered with black paint, lacquer or enamel.

NOTE:-- (1) When recoding a piece of equipment after a second or subsequent modification, the marker previously applied should be removed and the new one affixed in its place.
(2) On 46 type Amplifiers, an extra modification label must also be applied to the internal assembly, to permit identification of these assemblies should they become separated from the outside casing. Apply the additional label as follows:--
46-A type Amplifier - - - - On the mounting plate above the terminal strip.
46-B,C,D & F type Amplifier - - - On meter panel below switch.

Modified Equipment, Recoding Not Required

- 4.1 In case of minor changes in equipment, which do not involve recoding, such as replacement of component condensers, switches, etc. by later types, etc., such changes, with the code numbers of the new parts, should be marked in ink on the circuit and wiring labels. This should be also done, when convenient, on equipment which has been so changed in the past, but on which the labels were not revised or replaced.

Application of Labels

- 5.1 Attach all new circuit labels, markers, etc. with an adhesive of good quality; allow it to dry, and then thoroughly coat with clear shellac.

Equipment Modifications

- 6.1 Information on modifications to equipment is tabulated on Pages 2, 3 and 4. The table indicates where the modifications are usually made. However, for new installations, certain items shown as "field" modifications, are now shipped already modified.

4 Pages - Page 1 Operating Engineering Dept. - Equipment Div. Issue #7 April 27, 1954

4.01

EQUIPMENT MODIFICATIONS, GENERAL

List of Modifications (for detailed information, refer to individual Equipment Bulletins)

Table with columns: NAME, NEW, CODE NO. OLD, SPCD NO., PURPOSE, WHEN MODIFIED. Contains detailed modification records for various amplifier models like TA-117, TA-118, etc.

4 Pages - Page 2 Operating Engineering Dept. - Equipment Div. Issue #7 April 27, 1954

1-01

7. List of Modifications (Continued)

Table with columns: NAME, NEW, CODE NO., OLD, SPRO NO., PURPOSE, WHERE MODIFIED. Contains detailed technical modification data for various equipment units.

4 Pages - Page 3 Issued By Operating Engineering Dept. - Equipment Div. April 27, 1954

4-01

7. List of Modifications (Continued)

Table with columns: NAME, NEW, CODE NO., OLD, SPRO NO., PURPOSE, WHERE MODIFIED. Contains detailed technical modification data for various equipment units.

4 Pages - Page 4 Issued By Operating Engineering Dept. - Equipment Div. April 27, 1954