

**TRANSISTOR VOICE FREQUENCY AMPLIFIERS**  
**447A, 449A, 450, 453A, 455A, 457A (ALTEC)**

**1. GENERAL**

1.01 This section is issued to convert Section 024-170-100PT to a PNB section. Attach this section ahead of Section 024-170-100PT.

1.02 When the attached section is reissued, it will be issued in standard format.

**NOTICE**

Not for use or disclosure outside the  
Bell System except under written agreement.