

**TL MICROWAVE RADIO**  
**ORDER WIRE AND ALARM**  
**GENERAL**

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**1.01** The TL microwave radio order-wire and alarm system consists of an order-wire and alarm control panel located at an attended point and order-wire and alarm panels located with the radio equipment at each radio station.

**1.02** Tests and adjustments are performed to ensure that pilot levels, interrogation tones, and order wire circuits are adjusted properly. Tests are performed to ensure proper operation of the alarm circuits at each radio station.

**1.03** Test procedures in these sections are based on the assumption that maintenance personnel are familiar with the operation of the necessary test equipment in accordance with Bell System Practices issued for this purpose.

**1.04** Before performing tests in Section 409-310-502, maintenance personnel should be familiar with the requirements concerning system alignment as stated in Section 409-303-501. On initial system line-up it is imperative that tests in Section 409-310-502 be coordinated with tests in Section 409-303-501.

*Caution: When replacing semiconductor devices, use a suitable heat sink to avoid overheating.*