

## DATA AUXILIARY SET 811J-L1 IDENTIFICATION

### 1. GENERAL

**1.01** This section is a brief description of the physical and functional characteristics of the Data Auxiliary Set (DAS) 811J-L1. Additional information about the set is contained in the Bell System Practices listed in Part 3.

**1.02** The DAS 811J-L1 is used to provide test (channel and system testing) and interface functions for the 1A Data Station, Multichannel Arrangements (MCA). The DAS 811J-L1 is intended primarily for use with arrangements such as the 10-Type Data Line Concentrator System (DATREX\*).

\*Service Mark of the Bell System.

### 2. DESCRIPTION

**2.01** When the DAS 811J-L1 is used with the 1A Data Station, a station balanced interface (DP63 circuit pack) must be installed in all of the channel terminals contained in the 29-type Data Mounting associated with the 811J-L1. This arrangement results in fewer interface leads being required to operate and maintain the system. Only DP63 circuit packs can be used in 29-type Data Mountings connected to the DAS 811J-L1.

**2.02** The unit shown in Fig. 1 weighs approximately 8 pounds and mounts on either a 23- or 25-inch relay rack (reversible mounting brackets are provided with each set) (see Fig. 1). It may also be mounted on the rear of a 29A1 or 29B1 Data Mounting. This unit is equipped with the necessary connectors, terminal strips, and controls to provide the test, alarm, and interface functions. The A25D connector cables are used to connect

the 50-pin connector on the DAS 811J-L1 with the 29-type Data Mountings.

**Note:** The double-ended A25D connector cables are not furnished as part of the DAS 811J-L1.

**2.03** A single DAS 811J-L1 can be used with up to 16 1A Data Station channel terminals. These channel terminals can be arranged in either a single 16 channel system or two separate systems containing a maximum of eight channels each. A maximum of five 29-type Data Mountings can be interconnected to the DAS 811J-L1.

**2.04** DAS 811J-L1 has the capability to test the voiceband facilities and each individual channel of either system.

### 3. REFERENCES

**3.01** For additional information relating to this section, refer to the following documents:

SECTION	TITLE
SD-1D148-01	1A Data Station—Multichannel Arrangement
591-813-100	1A Data Station—Multichannel Arrangement—Description
591-813-200	1A Data Station—Multichannel Arrangement—Installation
591-813-300	1A Data Station—Multichannel Arrangement—Maintenance
591-813-500	1A Data Station—Multichannel Arrangement—Tests

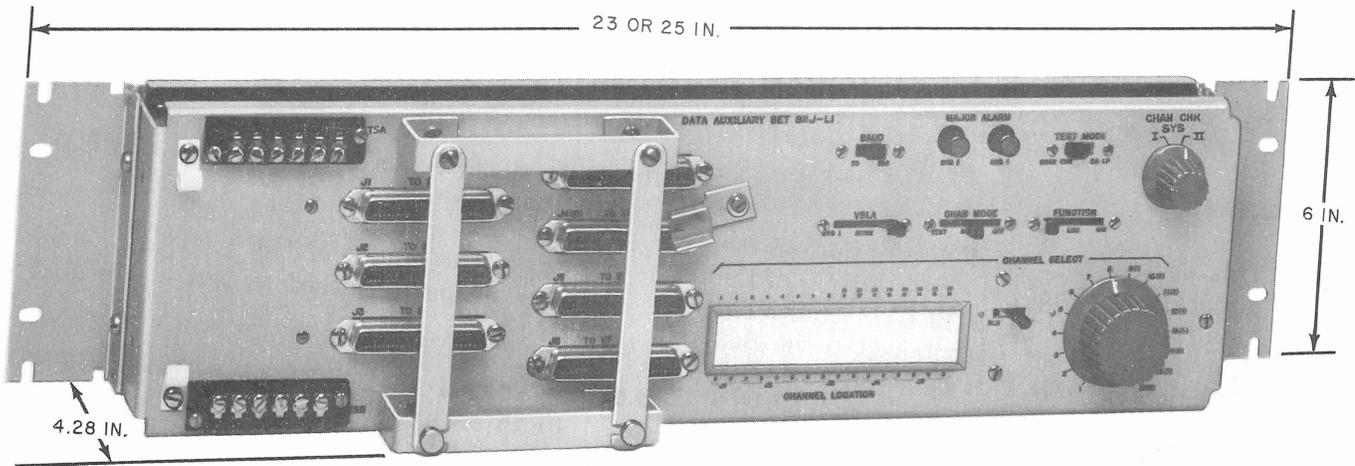


Fig. 1—Data Auxiliary Set 811J-L1