

DATA SYSTEMS
STATION
DATA SET 113A-TYPE TRANSMITTER/RECEIVER
SUMMARIZING SPECIFICATION
PRODUCT ENGINEERING APPLICATION

1. GENERAL

Scope

1.01 This specification, together with the supplementary information listed herein, summarizes the design requirements and information to be used for the application and ordering of data sets 113A-L1 and 113A-L1A (see 5.01). These data sets are used primarily with teletypewriter-like data communications terminals.

Description

1.02 Data set 113A is designed as a low speed (300 baud) FM serial DATA-PHONE® type data set intended for use in time-share computer applications. It provides the necessary electronic and circuit components packaged in the integrated medium-sized plastic housing. The following features are furnished:

- (a) On line capability with 103-type data sets.
- (b) Originate and answer voice mode capability.
- (c) Manual transfer to data mode.
- (d) Data operation in originate mode only.
- (e) Full duplex data mode operation.
- (f) Simplified EIA interface circuitry.
- (g) Line powered operation.

1.03 Physically the data set may be divided into four main parts: the attendant portion, the circuit pack, the filter, and the key.

1.04 The overall size of the data set is 11-3/4 inches long by 9 inches wide by 4 inches

high. The weight of the set is 7 pounds 12 ounces and the color is 2-tone gray.

2. SUPPLEMENTARY INFORMATION

- RS-232-B – EIA Standard
- X-17484 – Manufacturing Testing Requirements
- AA610.011 – Requirements for Packaged Electronic Products
- AA610.012 – Printed Wiring Assemblies
- 591-033-100 – Description
- 591-033-200 – Installation
- 591-033-300 – Maintenance
- 591-033-500 – Tests
- 668-101-511 – Loop Back Test Procedure

3. DRAWINGS

Circuit schematic drawings for these data sets are given in SD-1D167-01.

4. PRODUCT

Data Set 113A, Line Powered, Originate Only, FSK, Serial, DATA-PHONE Station Data Set

List 1 – Common equipment, assembly, and wiring for one data set 113A-L1 (rotary dial) per SD-1D167-01, Fig. 1 and 2.

List 1A – Common equipment, assembly, and wiring for one data set 113A-L1A (TOUCH-TONE®) per SD-1D167-01, Fig. 1 and 3.

**TABLE OF AUTHORIZED
ORDERABLE CODE NUMBERS**

DATA SET	RATING	REPLACED BY
113A-L1	AT&TCo Std	—
113A-L1A	AT&TCo Std	—

Bell Telephone Laboratories, Incorporated
Dept 5325