

**DATA SET 112A TYPE
TRANSMITTER/RECEIVER
SUMMARIZING SPECIFICATION
DATA SYSTEMS
STATION**

1. GENERAL

Scope

1.01 This specification, together with supplementary information listed herein, summarizes for ordering purposes the product design requirements for the housing, assembly, and circuit covering data sets 112A type.

Description

1.02 Data sets 112A are portable, low-speed FM serial data sets using acoustic coupling. They are intended for use with portable or movable teletypewriters or similar business machines. They have the following features:

- (a) Optional half duplex/full duplex operation.
- (b) On-line capability with data sets 101 and 103 type.
- (c) Data operation in originate mode only.
- (d) EIA interface.
- (e) Optional auxiliary power supply for operation from 115 volts 60 Hz.
- (f) Data set test capability.

These data sets do not provide local copy.

1.03 These data sets are approximately 4-1/2 inches high, 13 inches wide, and 9-1/2 inches deep. Their color is 2-tone gray.

2. SUPPLEMENTARY INFORMATION

RS-232-B – EIA Standard
X-17483 – Manufacturing Testing Requirements
AA-610.011 – Requirements for Packaged Electronic Products
AA-610.012 – Printed Wiring Assemblies
591-032-100 – Description
591-032-200 – Installation
591-032-300 – Maintenance
591-032-500 – Tests
CD-1D168-01 – Data Set 112A Type Transmitter Receiver Circuit

Bell System Repair Specifications have not yet been issued.

3. DRAWINGS

SD-1D168-01 covers data sets 112A type and EP1 circuit pack, a component part of the data sets.

4. PRODUCT

Data Set 112A Type, Transmitter/Receiver

List 1 – Assembled data set ready for use with customer business machine, which obtains power through its EIA interface with the business machine per SD-1D168-01, App Fig. 1. This set acoustically couples the business machine to the telephone network. It is primarily designed for use with 300 and 500 type telephone sets and 220A type (TRIMLINE[®]) hand telephone sets.

SECTION 591-032-180

List 2—Auxiliary power supply assembly, consisting of a PRINCESS® type transformer with attached coiled cord (24 inches retracted, 10 feet extended), per SD-1D168-01, App Fig. 2. This allows available 115-volt 60-cycle ac to be used to power the data set.

**TABLE OF AUTHORIZED
ORDERABLE CODE NUMBERS**

DATA SET	RATING	REPLACED BY
112A-L1	AT&TCo Std	—
112A-L1/2	AT&TCo Std	—

Bell Telephone Laboratories, Incorporated

Dept 5325