



3179
Display
Terminal



PRODUCT DESCRIPTION

The IBM 3179 is a low cost colour CRT Display Terminal, which is functionally compatible with the 3279-S2A, and 3279-S2B.

It can be attached to the 3274 or 3276 controller, as well as directly attached to the DPS (Display/Printer Adapter) of the 4321/4331 Processor via the NDS co-ax interface. It operates under the same programmes as used for the 3270 Information Display System or the 4321/4331 Processor.

The design concept of 3179 is very similar to that, of 3178. The Display Terminal consists of five Work Station Elements (WSE's).

- The video WSE, the pedestal WSE, the logic WSE, the keyboard WSE and the line cord WSE.

These WSE's are easily installed by the customer, or replaced after failure with the assistance of the Customer Problem Analysis and Resolution Guide.

There will be no optional features, and only one model.

3179 has a high resolution 14-inch colour CRT which is capable of displaying up to seven colours under ECS (Extended Character Set) control. The display area is 24 lines of 80 characters, with a 25th line for system/operator indicators.

3179 does not support the following features which are optional for 3279:

- Programmed Symbols (PS)
- Selector Light Pen
- Magnetic Reader Control
- Magnetic Hand Scanner
- Magnetic Slot Reader
- Video Output Attachment
- 2560 Character Screen
- Attribute Select Keyboard

3179 is supplied with numeric lock and Extended Character Set as standard, while 3279 provides them as optional features. The customer is able to customise his keyboard layout with the new removable key-cap design, provided he has 3274 configuration support D controller. The standard keyboard layout may be changed around, or accessory key-cap kits can be fitted to provide special key arrangements. The keyboard is shipped with a small quantity of blank key-caps and labels. The revised keyboard layout is customised in the 3274 with a new level of microcode.

Service Options

The IBM 3179 is announced with varying service options depending upon local country requirements.

The 3179 is designed for Element Exchange/Repair Centre Maintenance. However it may technically be serviced by on-site repair if this service option is announced.

The Repair Centre CE will repair those 3179's with Repair Centre or Element Exchange Service.

Any call to a 3179 with an on-site service option will be answered by the CE responsible for Data Entry Display Terminals.

Local country guidelines will detail what service options are available.

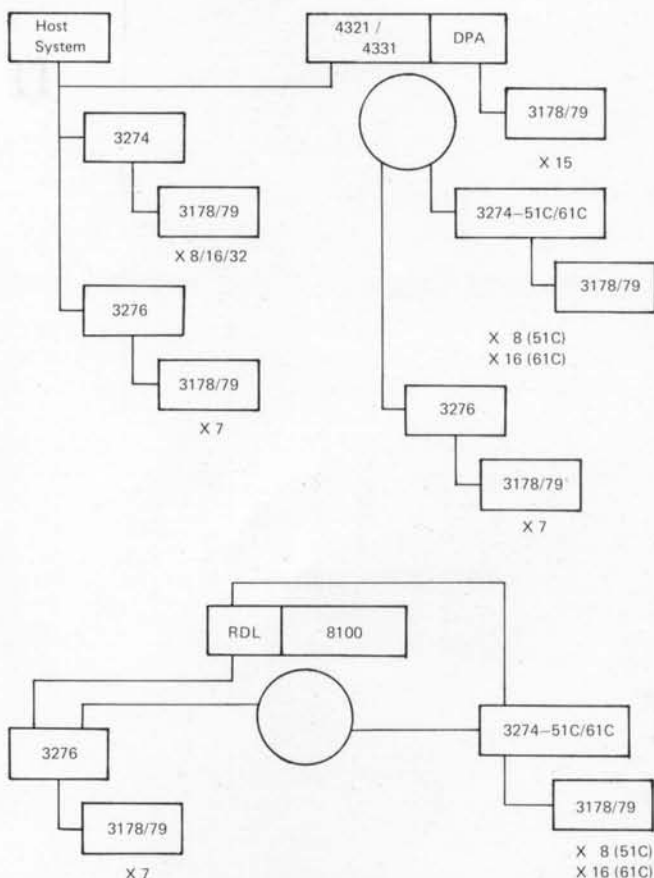
The 3179 is designed for Customer Set-Up (CSU). The customer is responsible for site and cabling preparation as well as set-up and off-line/on-line verification.

Serviceability

At Power-On time, the Basic Assurance Test (BAT) checks the basic machine functions. Operation of the test switch at any time runs the BAT tests and displays a test pattern on the screen. It also enables a keyboard to display test. existing host-resident tests may be used for communication link tests. Training for the 3179 will take the form of a short self-study course. At first customer ship, the product will be supported category 2. Category reassignment will follow normal practice. FRU identification and on-site repair is possible using the Customer Problem Analysis and Resolution Guide in conjunction with adhesive maintenance labels in the keyboard and logic elements.

In order to identify the separate WSE's as one machine, the Logic Element is shipped with two RID (Repair Identification) tags. The customer is requested to affix one of these labels each to the keyboard and video WSE's. Should an element be replaced with another, a new RID tag must be affixed containing the serial number from the original label.

Typical 3179 Environment



IBM INTERNAL USE ONLY

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