

## NCR 7900 Model 1 Interactive Data Display Terminal

**NCR**

The NCR 7900 Interactive Data Display Terminal incorporates a microprocessor with an easy-to-read and -use video display and a more versatile keyboard. This terminal operates interactively under firmware control to send and receive data from its cable-connected processor, an in-house or remote location using public or private communication facilities.

Designed for a wide variety of operations and computers, this terminal offers greater processing capabilities for interactive, online, distributed, and multiprogramming environments. The operator can instantly interact to communicate directly with the online system, to enter data and instructions, to update master files, or to retrieve information. In a multiprogramming environment, data entry and retrieval for different applications can take place simul-

taneously from multiple terminals with the system's resources appearing to be dedicated to a single terminal.

The NCR 7900 Interactive Terminal combines advanced concepts in terminal design and processing techniques. It features silent operation, greater efficiency and accuracy. It also reduces operator fatigue through a modern compact design and non-glare green display.



# Specifications — TTY Compatible Terminal

Screen Size	12 inches diagonal
Memory Size	2,000 characters
Screen Presentation	
— Number of Lines	25 (includes one system status line)
— Characters Per Line	80
— Color (P31)	Black characters on green background or green characters on black (switch selectable)
— Green Phosphor	64/96/128 upper/lower case ASCII characters, each formed by a 7 x 7 dot matrix (switch selectable)
— Character Set	
— Display Features	Blink, reverse-video, underline, and half intensity
— Refresh Rate	60 frames/second (50 frames/second export model)
Communications Interface	EIA: Conforms to RS232C and operates at 50, 75, 110, 134.5, 150, 300, 600, 1200, 1800, 2000, 2400, 3600, 4800, 7200, 9600, and 19,200 baud (asynchronous) switch selectable locally or may be changed from central (OCITT, V24 interface available for export model) Current Loop: 20-milliampere current interface operates at 50, 75, 110, 134.5, 150, 300, 600, 1200, 1800, 2000, 2400, 3600, 4800, 7200, 9600, and 19,200 baud (asynchronous) switch selectable locally or may be changed from central
Transmission	Half and full duplex, USASCII code; Parity: odd, even, or none, mark or space
Audible Alarm	Standard
Operating Mode	Local/remote, wrap/roll; Transmission: character at a time, line at a time (asynchronous)
Keyboard	
— Typing Array	56 functional keys arranged in the typewriter style layout (includes SHIFT, REPEAT, NEW LINE, LINE FEED, BREAK, SCREEN ERASE, ESCAPE, CONTROL, AND RUB OUT)
— Block Numeric Pad	Adding machine style numeric pad standard, touch-tone style numeric pad optional 14 keys: 0 through 9, double zero, period, dash, and new line
— Cursor Control	5 keys: up, down, forward, backward, and home (also controlled from central)
— Special Control	5 keys: function, roll, printer, auto line feed, and local
User Definable Function Codes	96
Printer Interface	Standard: NCR 260 RO Serial Printer, NCR 6440 Matrix Printer, or similar devices
Shielding Standards	EMI (Electromagnetic Interference) RFI (Radio Frequency Interference) ESD (Electro-static Discharge)
Power	110 volts at 60 Hz, 110 VA (220 volts at 50 Hz, export model)
Weight	25 lbs. (maximum)
Dimensions	12-1/2" (h) x 17-1/2" (w) x 20" (d)
Temperature	
— Operating	10° to 35°C
— Storage	-10° to 50°C
Humidity	
— Operating	20 to 80% RH, non-condensing
— Storage	10 to 90%

7	8	9	New Line
4	5	6	
1	2	3	—
0	00	.	

*Standard Numeric Pad*

1	2	3	New Line
4	5	6	
7	8	9	—
0	00	.	

*Optional Touch Tone Numeric Pad*

**NCR**

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