

rc824

Alphanumeric Display / Keyboard

- UPPER/LOWER CASE ASCII CHARACTER SET.
- 1920 CHARACTER DISPLAY CAPACITY.
- FORMAT MODE CAPABILITY.
- SEPARATE ELECTRONIC KEYBOARD.
- SWITCH SELECTABLE DATA RATES UP TO 9600 BPS.
- PLUG-TO-PLUG COMPATIBLE WITH TELETYPE 33 AND 35.



General

The RC 824 is a low-cost alphanumeric VDU terminal, with a separate electronic keyboard, featuring plug-to-plug compatibility with Teletype 33 and 35 teleprinters with the CCITT V. 24 (RS 232 C) type interface.

A salient feature of the RC 824 is its format mode capability. The dual-intensity display distinguishes foreground from background data, and important data can be highlighted in field blink mode. The cursor can be moved from one variable field to the next by means of the TAB key.

Roll mode is provided for more convenient interactive operation.

The keyboard has a standard 52-key typewriter layout with an additional numeric cluster, cursor controls, and several special function keys.

Data rates are selectable from the front panel of the display by means of a 6-position switch. The terminal can be programmed to operate at any speed from 50 to 9600 bps. Independent receive and transmit speeds are possible. Transmission takes place in asynchronous mode with 7 data bits, 1 parity bit, and start and stop bits.

Specifications

Display capacity:	1920 characters, arranged in 24 lines of 80 characters each. MOS memory.
Display screen:	12-inch screen. No-glare surface.
Character set:	Full upper/lower case ASCII.
Character generation:	5×7 light dot matrix.
Character size:	4.6×2.3 mm.
Split screen features:	Protected formats. Blink fields for computer derived or highlight characters.
Cursor:	Fully addressable XY co-ordinates. Non-destructive, blinking underscore. Controls: up, down, right, left, and home.
Alarm:	Audible on BELL code or 8 characters from end of line.
Key controls:	Erase screen, erase foreground data, erase to end of line, TAB, roll, lock, unlock, escape, control, rub out, and return.
Operational modes:	Full or half duplex and roll mode.
Transmission speeds:	50–9600 bps asynchronous.
Video output:	Composite sync (RS 330).
Line interface:	CCITT V. 24 (RS 232 C).
Options:	Danish/Norwegian alphabet. Printer connection (independent speed).
Ambient temperature:	10–40° C.
Relative humidity:	10–80 % (non-condensing).
Heat dissipation:	150 W, 129 KCAL/h.

Dimensions

	Display	Keyboard
Height:	38 cm	8 cm
Width:	36 cm	46 cm
Depth:	35 cm	21 cm
Weight:	14 kg	3.3 kg



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