

Nokia VDU 7800

video work station

for Honeywell Bull computers. As a stand-alone terminal, the Nokia VDU 7800 does not require a control unit, but can be directly connected to all Honeywell Bull mainframes and minis. The new design of the VDU 7800 with its 15-inch amber screen and profiled keyboard improves operational comfort, satisfying the highest ergonomic requirements.



NOKIA DATA

Nokia VDU 7800 technical data

Display features

- 15" high-resolution CRT with amber phosphorus non-glare faceplate
- Optional 12" CRT with green phosphorus
- Refresh rate 50 Hz
- 24 lines of 80 characters, giving a total of 1,920 characters
- 25th line for status information
- 72 lines data space as standard
- Character field: 15 x10 dot matrix
- Character generation: 11 x7 dot matrix in the character field
- Basic character set: 96 standard ASCII upper and lower case characters and 22 line graphics
- The cursor may be underlining, or an inverted box, blinking or fixed.

Display processing

- Roll or Non-roll Mode
- Text and Form Mode
- Character Mode in asynchronous operation
- Local or remote form generation in Text Mode
- Form Mode during operator's data entry
- Cursor positioning by commands Right, Left, Up, Down, Home or position determined via the Cursor Position command
- Cursor position to host by command
- Set and Delete Attribute
- Set and Delete Tab, and Tab Initialize
- Insert and Delete Character
- Insert and Delete Line
- Erase to End of Page and to End of Field
- Keyboard Lock and Unlock
- Restricted Operations Set and Reset.

Display control

- Unprotected
- Protected
- Digits Only
- Numeric Only
- Alpha Only
- Entry Required
- Fill Required
- Justify Right
- Transmit Always
- Modify Transmit
- Attribute Restore
- Omit Print
- Combinations of the above attributes.

Display attributes

- Inverse video
- Low intensity
- True underline
- Blink
- Hide
- Change characters
- Combinations of the above attributes.

Line graphics

- 11 displayable symbols (in single or double line width)
- Low intensity and Inverse video graphics with attributes.

Communication interfaces

- Host interface EIA RS232C or 20 mA current loop
- Auxiliary/printer port V.24/V.28
- Asynchronous character-by-character transfer or block transfer
- Synchronous VIP-protocol transfer
- 7 data bits and even, odd, mark, or space parity in the asynchronous mode
- Transmission rates up to 19,200 bit/s
- As an option Buffered Printer Adapter for printing host data.

Keyboard features

- Alphanumeric and typing control keys in one group
- Cursor control and editing keys in one group
- 12 function keys with 24 function codes
- Numeric pad with Transmit and Tab keys

- Auto-Repeat function in all keys when held down
- N-key rollover keyboard
- Locking/unlocking of keyboard by host command
- Audible alarm
- Caps lock
- Up to 16 keys can be reprogrammed
- Special user programmable Message keys for up to eight user messages.

Test functions

- Processor and Memory test when power is switched on
- Test mode with Memory and Display tests
- Memory test indication by audible signals
- Display All feature (Trace Mode).

Dimensions

	15"	12"
• Display width	38 cm	35 cm
• Controller width	38 cm	39 cm
• Keyboard width	47 cm	47 cm
• Display depth	34 cm	33 cm
• Depth with keyboard	57 cm	57 cm
• Height	36 cm	34 cm
• Weight	11.8 kg	13.5 kg

Environmental requirements

- Temperature 10° to 35°C
- Relative humidity 20 to 80%
- Supply voltage 220 V ±10%
- Frequency 50 Hz ±1 Hz
- Power consumption 50 W
- Earthed outlet required.

Our policy is one of continuous improvement. We therefore reserve the right to alter technical data without notice.

Made in Finland.

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