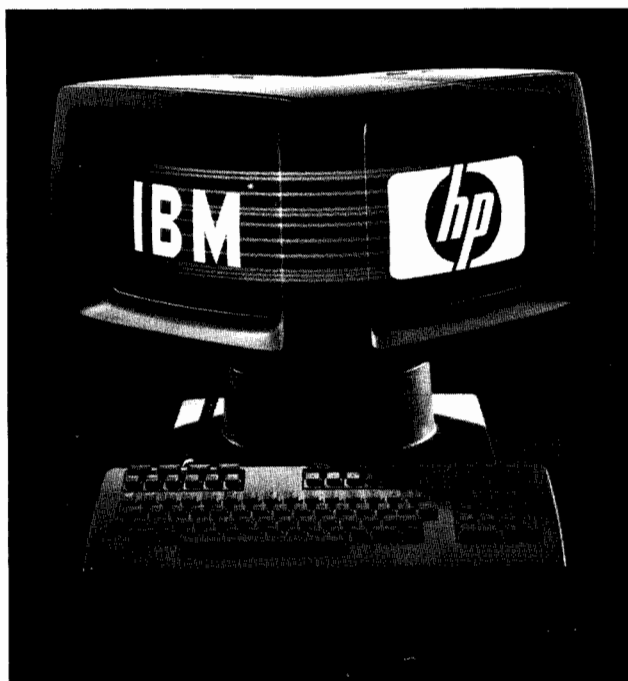


HP 2625A



Dual-System Display Terminal



Features

- **HP and IBM Compatibility**

The HP 2625A can simultaneously be connected to an HP system and to an IBM compatible system.

In HP mode, VPLUS 3000 applications are supported.

The 2625A may also be connected to non HP systems supporting ASCII asynchronous point-to-point data-communications in character mode.

In IBM emulation mode the IBM 3276/78 display terminal features are provided.

- **Optional Graphics**

The optional graphics mode provides compatibility with the popular HP 2623A graphics terminal feature set. It also offers a TEKTRONIX 4014 compatibility mode.

- **Optional Word Processing**

The optional Word Processing capability is supported by the HP 3000 system's HPWORD software.

- **High Performance Datacomm**

2 Standard System Ports

Optional HPIB Printer Control Port

Wide choice of Datacomm Options

- **Complete Alphanumerics**

Smooth Vertical Scrolling

Edit Checking/Transmit Only Fields

Display Enhancements

Up to 6 Pages Display Memory

HP Block Mode Transmission

Forms/Format Mode

Multiple Character Sets

- **Ease of Use**

27th Line For Terminal Status

Non Volatile User Definable Screen Labeled Keys

Integral Printer Option

11 National Language Options

- **Human Engineering**

Choice of White, Green or Amber Display

Optional Tilt And Swivel Base

Focus/Brightness Controls

Detachable Typewriter-Style Keyboard

* IBM is a trademark of International Business Machines Corporation.

HP 2625A

The HP 2625A brings HP and IBM compatibility together in a single terminal. With HP 2622A Data Entry features on Port 1, and IBM 3276 features on Port 2, it offers convenience and cost savings to multiple system users.

Multiple Modes

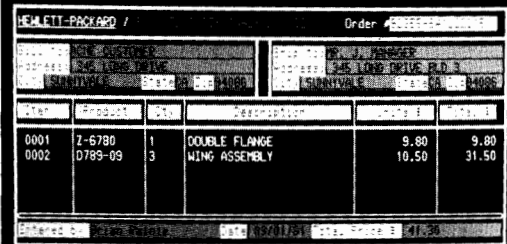
The standard HP 2625A offers both the an HP 2622A data entry terminal mode, and an IBM 3276 display station mode.

Pressing a function key switches the terminal from one personality to the other, but both ports remain active at all times, allowing tasks to be run concurrently on both hosts, without losing data.

Option 523 adds HP 2623A graphics features and Tektronix 4014 graphics compatibility. Option 528 adds the HPWORD word processing personality.

HP Data Entry Mode

In HP mode, the 2625A operates as an enhanced version of the popular HP 2622A block-mode data entry terminal. As such, it is supported by VPLUS software on the HP 3000 computer. It may also be used as a high performance character mode teletype compatible ASCII terminal on both HP and non-HP systems.



Order	Product	Qty	Description	Unit	Price
0001	Z-6780	1	DOUBLE FLANGE		9.80
0002	0789-09	3	WING ASSEMBLY		10.50

Entered by: JAMES C. JAWAHAR Date: 11/01/81

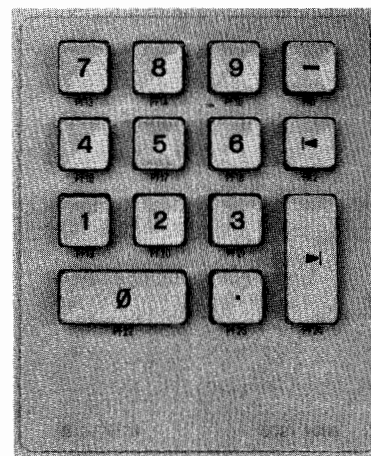
IBM Terminal Mode

In IBM mode, the 2625A emulates an IBM 3276/3278 Model 2 (24 lines), Model 3 (32 lines) or Model 4 (43 lines) display station, as selected by configuration. The 25th thru 43rd lines are viewed using the roll up/roll down keys from the keyboard. The 87-key typewriter keyboard (IBM 4627) is emulated through the use of keyboard overlays which provide PF, PA and other IBM key functions.

The following IBM 3276/3278 features are unsupported: selector light pen, magnetic readers, print key. However, screen copies may be made either on the optional integral printer, or on an external printer via the optional printer control port.

Connection to the IBM host is via modems using BISYNC protocol. If so desired, the modems may be replaced by an HP 13232U modem bypass cable, for local installations (See Figure 7). Up to 32 HP 2625A terminals may be daisy-chained together, emulating a cluster formed by one IBM 3276, and several IBM 3278 display stations. Channel connection and SDLC protocol are not supported.

Note: When using the HP 13232U modem bypass cable, the maximum cable length between the system and the first HP 2625A is 50 feet.



Graphics Features

The Graphics option provides the HP 2625A terminal with an enhanced version of the powerful HP 2623A graphics terminal feature set, adding polygonal area fill, rubberband line, and Tektronix 4014 compatibility mode.

The HP 2625A with Graphics is supported by a wide variety of Hewlett Packard software. Refer to appropriate HP 1000, HP 3000 and HP 9000 system software configuration guides for further information.

Furthermore, the HP 2625A with Graphics runs with Precision Visual's DI-3000™, and GRAFMAKER™, ISSCO's DISSPLA™, and TELL-A-GRAF™, and SAS's SAS/GRAPH™.

The TEKTRONIX® 4014 compatibility mode allows the HP 2625A to operate with TEKTRONIX Inc's PLOT 10® software.

Note: The Graphics features relate only to the HP and Tektronix personalities. No IBM graphics are supported.

Word Processing Mode

Option 528 adds the HP 2628A terminal's word processing personality to the HP 2625A terminal. In conjunction with HPWORD software, the best features of stand alone word processors and HP 3000 file handling are available. For more information, see the HP 2628A and HPWORD datasheets.

High Performance Datacomm

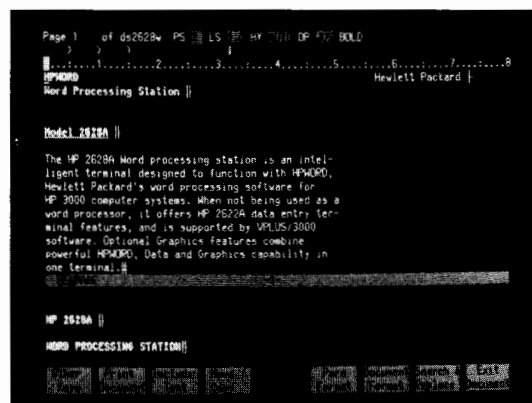
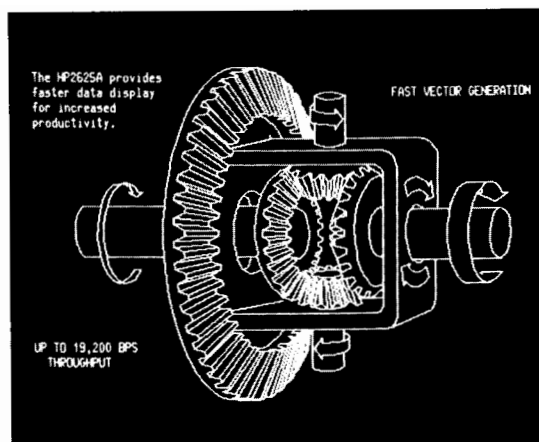
The standard HP 2625A comes equipped with two system datacomm ports. Port 1 features a wide variety of HP protocols, and port 2 supports IBM BISYNC (See Figure 2-7).

The datacomm rate over the HP port is up to 9600 bps. A full 24 x 80 character screen can be displayed in one second. Shorter lines speed up the display rate, while use of formatted screens and character enhancements slow it down.

When graphics option 523 is purchased, a supplementary printer control port may be ordered, to drive HPIB compatible devices, such as printers and plotters. *Note: The HPIB printer port requires standard RS232C / HP422 system datacomm on port 1.*

Human Engineering

Like all HP terminals, the HP 2628A is designed for tireless comfortable use. Its optional tilt and swivel base and standard detachable keyboard allow people of different height and bone structure to work comfortably. The HP 92171R Palm Rest accessory provides hand support, relieving muscle strain. White, green and amber displays are available to suit individual taste. Brightness and focus controls adapt the image to varying light conditions, and the flicker free display, with its large 9 x 14 dot character cells and smooth scrolling, eliminates eye strain and fatigue.



Complete Alphanumerics

Smooth vertical scrolling, selectable through a function key, allows data to be easily read as it is transmitted from the system to the screen.

Up to 6 pages of text are stored in display memory. 3 edit checks (alpha, numeric, and alphanumeric), transmit-only fields, 5 display enhancements, and Data-Modified Tags, together with format mode and block mode transmission give the HP 2625A its powerful data entry/inquiry capability.

Eleven national character sets are fully supported: Danish, Dutch, Finnish, French, French Canadian, German, Italian, Norwegian, Spanish, Swedish, and United Kingdom. The corresponding keyboards are supplied as options. Transmission to the host may be either in 7 bit mode, using ISO replacement character sets, or in 8 bit mode, using HP Extended Roman ASCII.

Along with the HP 8 bit Extended Roman ASCII character set, Math and Line Drawing sets are included as a standard feature of the HP 2625A.

Ease of Use

The HP 2625A screen displays 27 lines, with the 27th used for terminal status information. The eight user-defined soft-keys and labels are stored in non-volatile RAM, so as not to be lost when the terminal is switched off.

The optional integral thermal printer provides convenient screen hardcopy, for both Alpha and Graphics data (when applicable) and can be directly accessed by the HP host, though NOT by the IBM compatible host. Edit keys and soft configuration menus offer the convenience that users have come to associate with HP terminals.

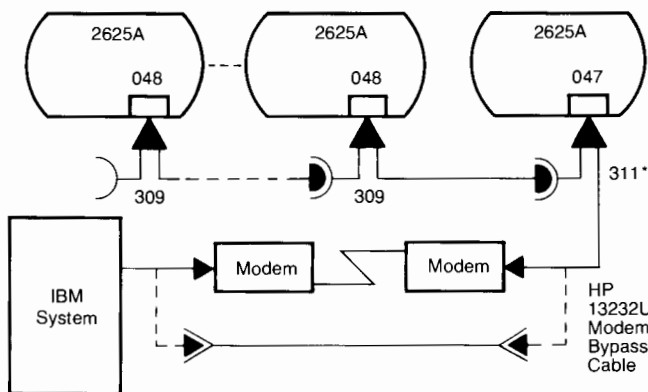
HP Support Services

Support services include a worldwide network of parts and repair centers, complemented by highly qualified customer engineers and system engineers.

The customer is responsible for installation on the IBM system. If the customer so desires, Hewlett-Packard engineers will install the terminal charging time and materials. Standard service contracts are available.

Note: The HP 2625A will be deemed to function correctly connected to an IBM compatible host when it duplicates the behavior of an IBM 3276 display station.





* An HP 13232U Modem Bypass Cable may be used instead of modems in local installations. In that case replace cable option 311 by cable option 310.

Figure 1

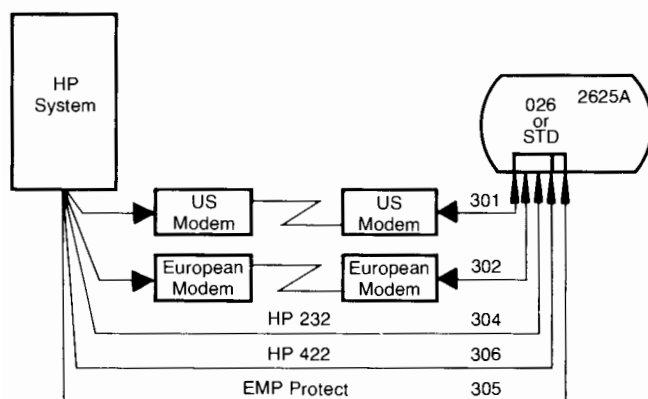
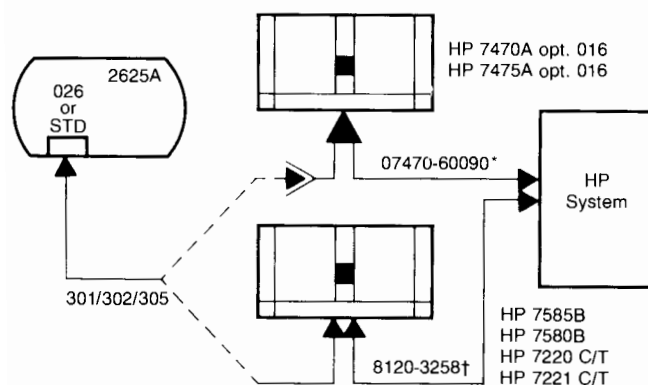


Figure 2



* Cable included with opt. 016 of plotters
† Cable included with plotters

Figure 3

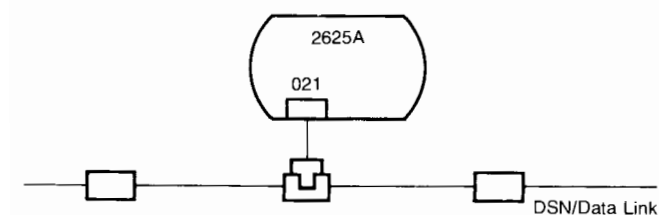


Figure 4

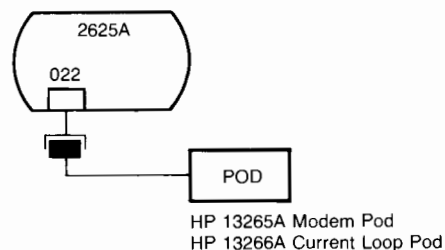


Figure 5

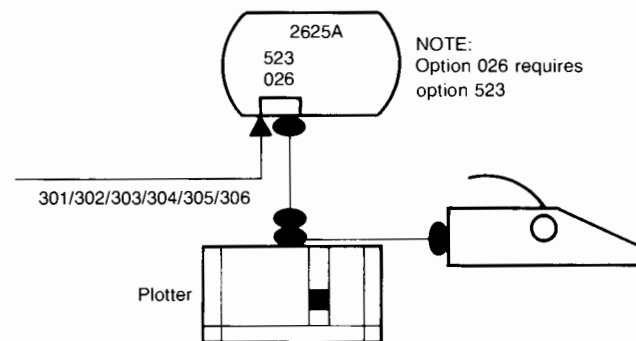
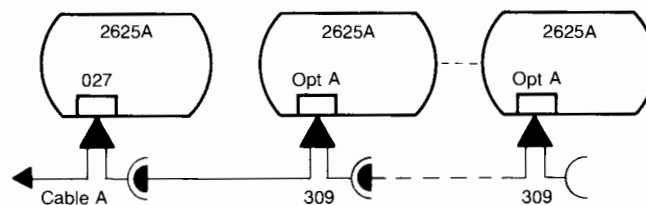


Figure 6



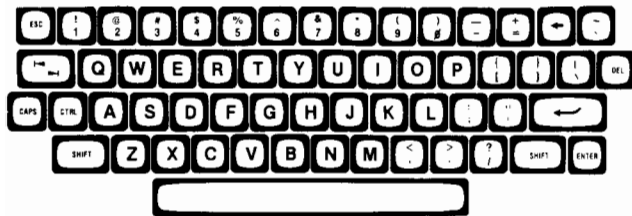
	Cable A	Opt A
Asynchronous Multipoint	312	028
Synchronous Multipoint Clock from Modem	311	038
Synchronous Multipoint Clock from Terminal	310	038

Figure 7

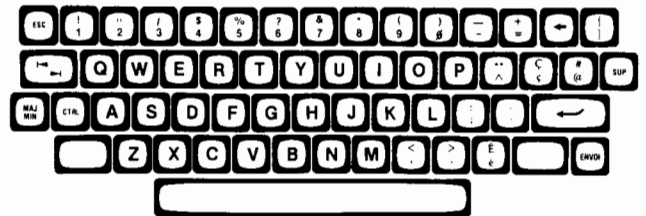
Legend

RS 232 C Male Connector	➔
RS 232 C Female Connector	⋈
HP/IB Connector	●
262X Male Pod Connector	■
262X Female Pod Connector	⌋
Multipoint Daisy Chain Male Connector	⌋
Multipoint Daisy Chain Female Connector	⌋

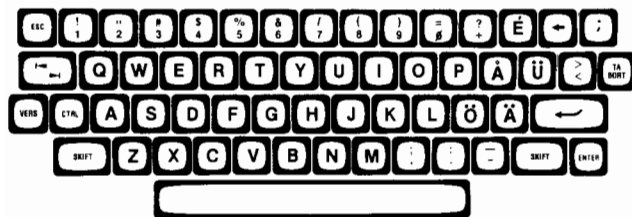
Standard and National Keyboard Layouts



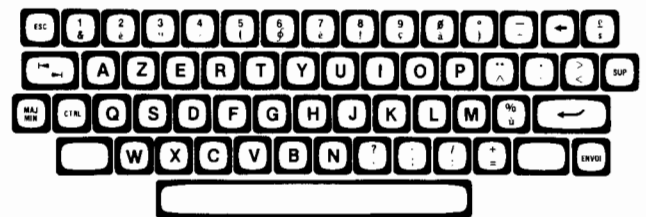
USASCII



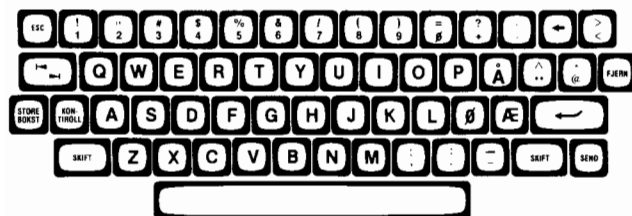
French Canadian Option 007



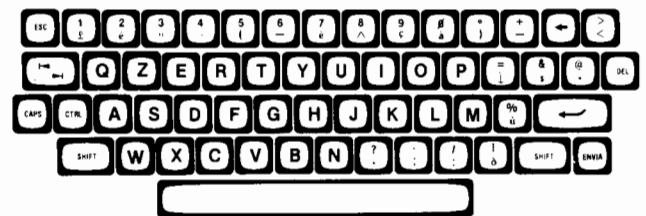
Swedish Option 001



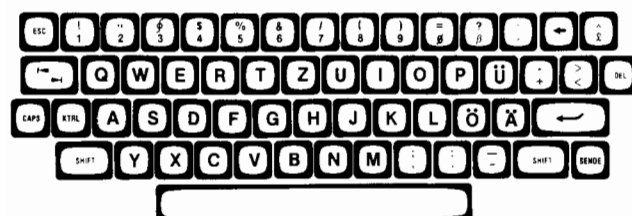
French Option 008



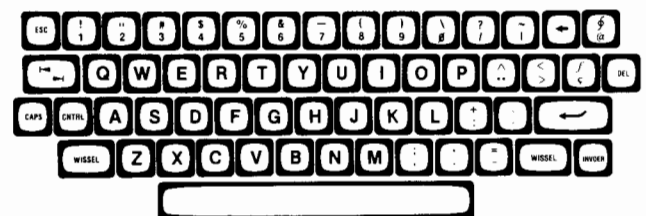
Norwegian Option 002



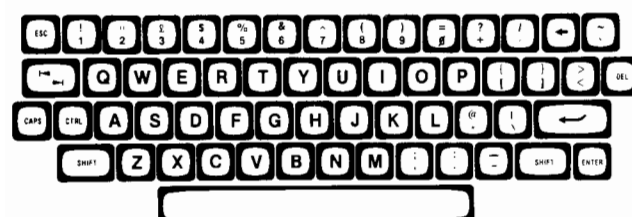
Italian Option 009



German Option 004



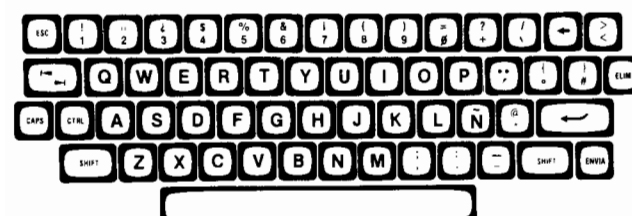
Dutch Option 010



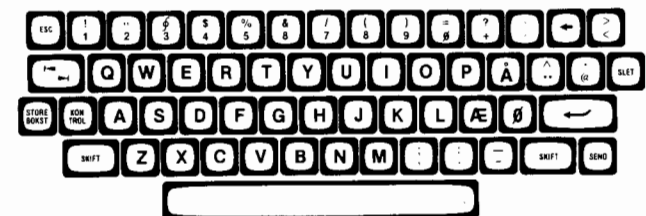
United Kingdom Option 005



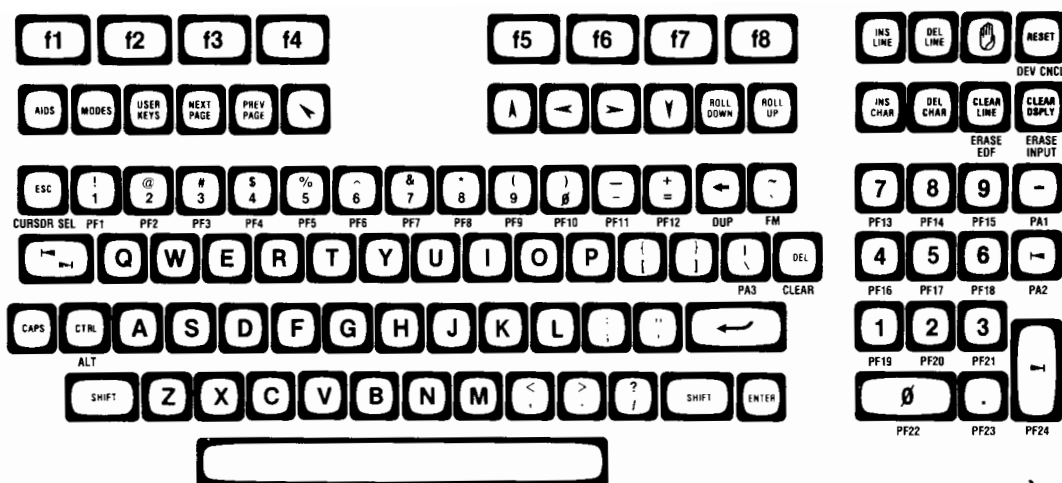
Finnish Option 011



Spanish Option 006



Danish Option 012



Standard USASCII
Keyboard With IBM
Overlays In Place

HP 2625A Product Specifications



DISPLAY

Screen Size:	164 mm (6.5 inches) x 215 mm (8.5 inches); diagonal 262 mm (10.4 inches).
Screen Capacity:	24 lines x 80 columns (1920 characters). 25th and 26th line for labeling of function/softkeys. 27th as status line.
Character Generation:	7 x 11 enhanced dot matrix with 1/2 dot shifting; 9 x 14 dot character cell; non-interlaced raster scan.
<i>Note: Software written for the HP 2623A Graphics Terminal should be checked for compatibility on the HP 2625A option 523 terminal. This is because when the display mixes Alpha-numeric and Graphics images, they do not line up the same way on the two devices.</i>	
<i>Any incompatibility can be worked around by using graphics character sets or by recalculating the coordinates of the Alpha-numeric characters.</i>	
Character Size:	2.4 mm (.094 inches) x 3.5 mm (.138 inches).
Character Sets:	Upper/lower case full ASCII alphanumeric character set. Line drawing set. Math set. Extended Roman characters for Danish, Dutch, Finnish, French, French Canadian, German, Italian, Norwegian, Spanish, Swedish, and United Kingdom character sets.
Cursor:	User selectable Blinking-Underline or Inverse video.
Display Enhancements:	Inverse video, half bright, underline, blinking and non-display. All combinations possible.
Refresh Rate:	60Hz.
Tube Phosphor:	Low persistence P4 white phosphor standard. Green P31 and Amber P134 available as options 061 and 062.
Implosion Protection:	Tension band.
Memory:	Up to 6 pages of text are stored in display memory. Use of complex forms in format mode reduces this amount.

KEYBOARDS

General:	Detachable keyboard, with 100 sculptured keycaps. Auto repeat. N-key roll-over. 1.2 m (4 foot) cable. Standard HP layout is transformed for use in IBM Mode by user installed overlays.
Layouts:	USASCII layout standard. Danish, Dutch, Finnish, French, French Canadian, German, Italian, Norwegian, Spanish, Swedish and United Kingdom layouts available as options. Options include appropriate IBM overlays.
HP Mode Operation:	Layout includes full USASCII or National Character set keypad, 14 key Numeric pad, 8 soft/function keys, and full HP cursor and edit control keys.
IBM Mode Operation:	With IBM overlays in place, layout includes a 3276 compatible full EBCDIC or National Character set keypad, with PF and PA keys, and full cursor and edit control keys.
Graphics Keyboard:	Graphics option 523 includes an overlay to the numeric keypad, providing graphics keycaps.
HPWORD Keyboard:	HPWORD option 528 includes overlays providing word processing keycaps.

DATA COMMUNICATIONS

General:	The HP 2625A is equipped with 2 independent ports. Port 1 is used to communicate with the HP terminal personality. Port 2 is used to communicate with the IBM personality.
Data Rate:	110, 150, 300, 600, 1200, 2400, 4800 and 9600 bps on both ports, with any datacomm option (19,200 bps on port 1 when port 2 is disconnected).
Throughput:	The HP 2625A can display up to 960 characters of text per second. Character enhancements, formatted screens, smooth scrolling and printing can reduce throughput.
Handshaking:	Enq/Ack and XON/XOFF handshaking are provided for point-to-point datacomm, and at least one should always be used. HP multipoint and IBM BISYNC provide their own handshaking.
Port 1: Standard:	RS232C + HP Direct connect 422. Both levels of signals are present on the 25 pin datacomm connector. The choice of datacomm cable (not included) selects which signals are used.
Opt. 021:	DSN/Data Link. Allows connection to DSN/Data Link with asynchronous multipoint protocol at speeds up to 9,600 bps. 2m (6ft) long cable to connector box included.
Opt. 022:	Pod adapter. Allows use of standard HP 262X accessory pods, including the HP 13266A current loop pod, and the HP 13265A 300 bps modem pod.
Opt. 026:	Available only with Graphics option 523. Provides HPIB for printer or plotter control in addition to the standard RS232C and HP422 connection. Tablets are not supported. HPIB cable not included. Order separately as an accessory or as option 308.
Opt. 027:	First daisy chain. Starts HP multipoint daisy chain with asynchronous or synchronous protocol. RS232C input, Daisy chain output. Speeds up to 9,600 bps. Cable not included. Order separately as an accessory, or as option 310, 311 or 312.
Opt. 028:	Asynchronous daisy chain. Connects to a daisy chain with asynchronous multipoint protocol. Daisy chain input and daisy chain output. Speeds up to 9,600 bps. Cable not included. Order separately as an accessory or as option 309.
Opt. 038:	Synchronous daisy chain. Connects to a daisy chain with synchronous multipoint protocol. Daisy chain input and daisy chain output. Speeds up to 9,600 bps. Cable not included. Order separately as an accessory or as option 309.
Port 2:	Communicates with the IBM personality of the HP 2625A. Operates with BISYNC protocol at speeds up to 9,600 bps. A string of HP 2625A terminals may be daisy chained, operating similarly to a cluster formed by a IBM 3276 and several IBM 3278 terminals. Option 047 provides the first terminal in the chain, with RS232C input, and daisy chain output. Option 048 provides for the subsequent terminals in the chain, with daisy chain input and output. <i>Either one or the other of options 047 and 048 MUST be ordered with each HP 2625A.</i>

GRAPHICS OPTION : Opt. 523

Resolution:	512 x 390 displayable points
Vector Drawing Time:	4 ms typical. 9,600 bps (Typically displays vectors at 9,600 bps without handshakes.)
Polygonal Area Fill:	Automatic fill of polygons with up to 105 sides.
Graphics Characters:	11 fully supported national graphics character sets, using HP 8 bit extended Roman ASCII or ISO character replacement. Operation is identical to that of the Alphanumeric character sets.
Graphics Hardcopy:	Copy to optional internal printer : 30 seconds. Raster dump to external graphics printer connected to HPIB printer control port (option 026). Plotters may be connected either to the optional HPIB printer control port (option 026), or in eavesdrop mode on datacomm port 1. Note that with eavesdrop only RS232C connections may be used, and with HPIB option 026 only RS232C or HP 422 connections may be used on port 1.

WORD PROCESSING OPTION: Opt. 528

System Support:	The word processing personality operates only in conjunction with HP 3000 computer HPWORD software.
Hardcopy:	The HP 2602A letter quality printer with HPIB datacomm may be connected to the optional HPIB printer control port for local printing of HPWORD documents, when both option 026 and 523 have been ordered. System printers and printers connected to their own computer ports may also be used.
Consult the HPWORD datasheet for further information.	

PRODUCT REGULATIONS

The HP 2625A meets the standards for EDP or office equipment in the following countries:

Safety:	
United States	UL478 for EDP Equipment and UL114 for office appliances.
Canada	CSA C22.2 No. 154 for Data Processing Equipment.
Finland	FEI pending.
International	IEC380 Safety of Electrically Energized Office Machines.
RFI:	
United States	FCC CFR 47 Section 15 for Class A Equipment.
Germany	VDE 0871 Level A
Datacomm:	CCITT V.24 interchange, V.28 Electrical recommendation.
Australia:	Application submitted, approval pending.
Belgium:	Application submitted, approval pending.
Germany:	Application submitted, approval pending.
Sweden:	Application submitted, approval pending.
United Kingdom:	Application submitted, approval pending.
Nordic Network:	Application submitted, approval pending.

Contact local HP Sales Office for current status of datacomm approval in your country.

PHYSICAL SPECIFICATIONS

Display Monitor Weight:	20.3 kg (44.6 pounds)
Keyboard Weight:	2.0 kg (4.4 pounds)
Display Monitor Dimensions:	380 mm W x 475 mm D x 440 mm H (15.09" W x 18.7" D x 17.3" H); (665 mm D (26.2" D) including keyboard).
Keyboard Dimensions:	430 mm W x 190 mm D x 75 mm H (17.0" W x 7.5" D x 3.0" H).

PRODUCT SUPPORT

Hardware Supplied:	HP 2625A Display Terminal
Documentation Supplied:	HP 2625A User's Manual (02625-90001) HP 2625A Reference Manual (02625-90002)
Documentation Available:	HP 2625A Service Manual (02625-90003)
HP Systems Support:	Refer to appropriate HP system data sheet for use and support of the HP 2625A on systems. When this product is used in a customer-assembled system, the overall operational responsibility of the system rests with the customer.
Warranty:	The HP 2625A is warranted against defects in material and workmanship. Contact the local HP Sales Office for terms and conditions.
Maintenance:	HP maintenance agreements are available for HP 2625A support after the warranty period. Contact the local HP Sales Office for terms and conditions.

SUPPORTED EXTERNAL DEVICES

Alphanumeric printers: Connected to the option HPIB printer control port: (See Figure 6).

HP 2631B opt. 046;
HP 2671A
HP 2602A opt. 046;
HP 82905B opt. 002;

Note: The HP 2631B is a VDE level A device. As such, it may not be supported in certain countries. Consult your local sales office for further information.

Graphics Printers: Connected to the optional HPIB printer control port: (See Figure 6).

HP 2631G;
HP 2673A
HP 2671G
HP 2932A opt.046;
HP 2934A opt.046;
HP 82906A.

Note: the HP 2631G is a VDE level A device. As such, it may not be supported in certain countries. Consult your local sales office for further information.

Plotters:

Connected to the optional HPIB control port: (See Figure 6).

HP 7585B
HP 7580B
HP 9872C/T
HP 7470A opt. 002
HP 7475A opt. 002

Connected to port 1 in eavesdrop mode: (See Figure 3).

HP 7585B
HP 7580B
HP 7220C/T
HP 7221C/T
HP 7470A opt. 001, opt 016
HP 7475A opt. 001, opt 016

Note: Use of any external device requires RS232C or HP 422 datacomm on Port 1. The optional HPIB printer control port (option 026) may only be ordered when the Graphics option (option 523) is present.

POWER REQUIREMENTS

Input Voltage:

-Std:	120V (+5%, -10%) at 60Hz (+-5%)
-013:	240V (+5%, -10%) at 50Hz (+-5%)
-014:	100V (+5%, -10%) at 60Hz (+-5%)
-015:	220V (+5%, -10%) at 50Hz (+-5%)
-016:	100V (+5%, -10%) at 50Hz (+-5%)

Power consumption: Std: 100W; with option 050: 170W

ENVIRONMENTAL CONDITIONS

Temperature, Free Space Ambient: Non-Operating: -40 to + 60°C (-40 to +140°F)
Operating: 0 to +55°C (+32 to +131°F)
With Opt. 050: 0 to +40°C (+32 to +104°F)

Humidity: 5 to 95% (non-condensing)
With Opt. 050: 5 to 80% (non-condensing)

Altitude: Non-Operating: Sea level to 15240 meters (40,000 Ft.)
Operating: Sea level to 4572 meters (15,000 Ft.)

Vibration and Shock:* Vibration: 0.38 mm (0.015") pp. 5 to 55 Hz. 3 axis.
Shock: 20 g. 11 ms. 1/2 sine.
*Type tested to qualify for normal shipping and handling in original shipping container.

HP 2625A Ordering Information

Product Number	Description
HP 2625A	DUAL-SYSTEM DISPLAY TERMINAL
Includes:	The 2625A display terminal and keyboard Keyboard overlays for IBM 3276/78 emulation User and Reference manuals Power cord RS232C / HP422 datacomm on port 1. No datacomm cable is included. The correct cable, selecting RS232C or HP 422 must be ordered separately as an accessory, or as option 301, 302, 303, 304, 305 or 306. An option (047 or 048) MUST be ordered so as to supply IBM compatible datacomm on port 2. No 2625A order is complete without one of these two options. The appropriate cable will also have to be ordered, as an accessory or as option 309 or 310.
-001	Swedish Keyboard
-002	Norwegian Keyboard
-004	German Keyboard
-005	United Kingdom Keyboard
-006	Spanish Keyboard
-007	French Canadian Keyboard
-008	French Keyboard
-009	Italian Keyboard
-010	Dutch Keyboard
-011	Finnish Keyboard
-012	Danish Keyboard
-013	240V 50Hz
-014	100V 60Hz
-015	220V 50Hz
-016	100V 50Hz
-021	PORT 1 DSN / Data Link
-022	PORT 1 HP 262X Datacomm Pod adapter
-026	PORT 1 RS232C / HP422 system port + HPiB printer control port (requires Graphics option 523)
-027	PORT 1 HP First Multipoint Async/Sync
-028	PORT 1 HP Daisy Chain Multipoint Async
-038	PORT 1 HP Daisy Chain Multipoint Sync
-047	PORT 2 IBM Datacomm First BISYNC (Requires cable option 310)
-048	PORT 2 IBM Datacomm Daisy Chain BISYNC (Requires cable option 309).
-050	Integral, 120 cps 132 column thermal printer. Prints all displayable characters, including upper/lower case, control codes, and national character sets. Prints graphics when ordered with option 523. This printer can NOT be accessed in HPWORD word processing mode. It is only available in Data and / or Graphics processing mode. Includes one roll of paper.
-061	Green CRT
-062	Amber CRT
-401	Tilt and Swivel base
-523	Add GRAPHICS features (Includes keyboard overlays)
-528	Add HPWORD Word Processing Personality (Includes keyboard overlays)
-301	U.S. Hardwired/Modem Cable (same as 13242N) Male (25 pin)/male (25 pin); 5 meters (16 feet). For use on port 1.
-302	European Modem Cable (same as 13242M) Male (25 pin)/male (25 pin); 5 meters (16 feet). For use on port 1.
-303	RS232C Datacomm Cable (same as 40242C) Female (25 pin)/male (25 pin); 5 meters (16 feet). For use on port 1.
-304	HP Direct Connect Type 232 Cable (same as 13242X) Male (25 pin)/male (3 pin); 5 meters (16 feet). For use on port 1.
-305	EMP Protect Cable (same as 13242Y) Male (25 pin)/male (25 pin); 5 meters (16 feet). For use on port 1.
-306	HP Direct Connect Type 422 Cable Male (25 pin)/male (5 pin); 5 meters (16 feet). For use on port 1.

HP 2625A Ordering Information (Continued)

Product Number	Description
-308	HPIB Cable (same as HP 45529A) 1 meter (3 feet). For use with option 026.
-309	Daisy Chain Multipoint Async or Sync Cable Male (14 pin) male (25 pin)/female (14 pin); 10 meters/1 meter (32 feet/3 feet). For use with options 028, 038 and 048.
-310	First Multipoint Sync Cable with Receive clock Male (25 pin)/male (25 pin)/female (14 pin); 10 meters/1 meter (32 feet/3 feet). For use with options 027 or 047.
-311	First Multipoint Sync Cable without Rec clock Male (25 pin)/male (25 pin)/female (14 pin); 10 meters/1 meter (32 feet/3 feet). For use with option 027 or 047.
-312	First Multipoint Async Cable Male (25 pin)/male (25 pin)/female (14 pin); 10 meters/1 meter (32 feet/3 feet). For use with option 027.
HP 92171R	Palm Rest accessory. Provides Hand support to relieve muscle strain.
02620-60062	RS232C Datacomm Test Hood.
5160-3248	HP422 Test Hood

The data contained in this document is subject to change without notice.

For more information about display terminals,
see your local Hewlett-Packard sales representative
or contact the HP office nearest you:

Eastern United States:

Hewlett-Packard
4 Choke Cherry Road
Rockville, MD 20850
Tel: (301) 258-2000

Midwestern United States:

Hewlett-Packard
5201 Tollview Drive
Rolling Meadows, IL 60008
Tel: (312) 255-9800

Southern United States:

Hewlett-Packard
P.O. Box 105005
Atlanta, GA 30348
Tel: (404) 955-1500

Western United States:

Hewlett-Packard
3939 Lankershim Blvd.
North Hollywood, CA 91604
Tel: (213) 877-1282

Canada

Hewlett-Packard (Canada) Ltd.
6877 Goreway Drive
Mississauga, Ontario L4V 1M8
Tel: (416) 678-9430

Northern Europe:

Hewlett-Packard S.A.
Uilenstede 475
P.O. Box 999
NL-1180 AZ Amstelveen
The Netherlands
Tel: 20/437771

Southern Europe:

Hewlett-Packard S.A.
c/o 7, Rue du Bois-du-Lan
P.O. Box
CH-1217 Meyrin 2 (Geneva)
Switzerland
Tel: 22/989651

West Germany

Hewlett-Packard GmbH
Vertriebszentrale Frankfurt
Berner Strasse 117
Postfach 560 140
D-6000 Frankfurt 56
Tel: (611) 50041

France

Hewlett-Packard France
Zone Industrielle De Courtaboeuf
Avenue Des Tropiques
F-91401 Les Ulis Cedex Orsay
Tel: (1) 907 78 25

United Kingdom

Hewlett-Packard Ltd.
Nine Mile Ride
Easthampstead, Wokingham
Berkshire RG11 3LL, England
Tel: 3446/3100

South Africa

Hewlett-Packard
South Africa (Pty.) Ltd.
Private Bag Wendywood
Sandton 2144
Tel: 802-5111, 802-5125

Australia/New Zealand

Hewlett-Packard Australia Pty. Ltd.
31-41 Joseph Street
Blackburn, Victoria 3130
Tel: 89-6351

Far East Headquarters:

Hewlett-Packard Asia, Ltd.
G.P.O. Box 795
5th Floor, Sun Hung Kai Centre
30 Harbour Road
Hong Kong
Tel: 5-8323211

Japan

Yokogawa-Hewlett-Packard Ltd.
29-21 Takaido-Higashi 3-chome
Suginami-ku Tokyo 16825
Tel: (03) 331-6111

Latin American Headquarters:

Hewlett-Packard Co.
3495 Deer Creek Road
Palo Alto, CA 94304
Tel: (415) 857-1501

Other International Areas:

Hewlett-Packard Intercontinental
3495 Deer Creek Road
Palo Alto, CA 94304
Tel: (415) 857-1501