Bloomberg

The Bloomberg 15-inch Compact Display Terminal
⬛⬛ Technical Information

Description

The Bloomberg 15-inch Compact Display Terminal is a high-quality display device that is versatile and ergonomically designed. It has two independent screen panels attached to an adjustable arm. The hub serves as a rotation point for the arms that hold the panels. Each arm also has a rotation point that allows the screen panels to rotate. Each pivot point allows only 90-degrees of rotation.

Features

- The Bloomberg 15-inch Compact Display Terminal operates in VGA, SVGA, and XGA at 60Hz display modes.
- The Bloomberg 15-inch Compact Display Terminal features high display quality, high contrast ratio, wide viewing angle, and high-speed response.
- The Bloomberg Compact Display Terminal provides 16.2 million colors and automatically adjusts itself to all supported video resolutions. To obtain the best fidelity, it is strongly recommended that the computer be set to its native resolution of 60Hz, 32-bit color, and 1024 x 768 (XGA) screen resolution.
- To save energy, the display terminal will automatically enter stand-by mode within a specified time of inactivity. Moving a pointing device or pressing a key will activate the screen. This feature is only active if the unit is connected to a host that supports display power management.
- Displays can be adjusted to provide optimal viewing angles.
- The Bloomberg Compact Display Terminal connects directly to a Bloomberg-ready PC.
- Data and images can be displayed on the panels in a virtual display format. Using a pointing device, either a single image or multiple window application may be spread across the physical boundaries of each panel's desktop area.
- The Bloomberg Display Terminal requires no routine maintenance. A dust-free or commercial screen wipe can be used for general panel cleaning. Do not use harsh chemicals.

Note: Do not spray cleaner directly on unit.

Configurations

The Bloomberg 15-inch Compact Display Terminal is shipped in the horizontal configuration. The terminal may be configured to be in one of the following configurations:

• Horizontally aligned with displays in landscape orientation.
• Horizontally aligned with displays in portrait orientation.
• Vertically aligned with displays in landscaped orientation.

The unit is leased for specific installation of the BLOOMBERG PROFESSIONAL® service. The end user is strictly prohibited from moving Bloomberg-supplied hardware from one computer to another. Only Bloomberg-authorized personnel can move or reconfigure the unit. The unit can be used only with Bloomberg-authorized hardware, software, and cables.

On-Screen Display (OSD) Controls
You can access the OSD menu via the three buttons locatedon the backside of each panel, directly above the icons on the lower left area of the panel.
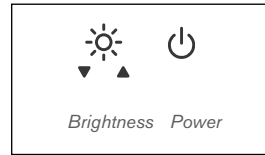

Figure 1: Button layout

These are multi-function buttons. The use of each button changes depending on the current state of the display terminal. When the OSD is not on the screen, the button on the right powers the unit. The left and center buttons bring up the OSD Main Menu when they are pressed.

MAIN MENU   BRIGHTNESS

Use the center and left buttons to move between items on the menu, and the right button to select the item that is currently highlighted.
• Brightness – Adjust screen brightness
• Contrast – Adjust screen contrast
• Position – Screen position menu
• Setup – OSD position and language control
• Exit – Close OSD

Note: There is a 10-second time out when the on-screen display is active. If no button is pushed during this time period, the display terminal will exit OSD mode.

Adjustments

Once the Terminal is in place on a desk, the user can adjust the displays to fit their viewing preferences.

Before making any modifications to the orientation of the panels, adjust the support column to its maximum height to allow ample space for rotating the panels.

It is necessary to book the panels before attempting to rotate them, since there is not adequate clearance otherwise.

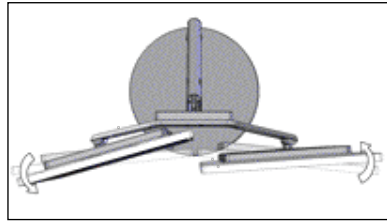Figure 2: Adjusting the support column

Figure 3: Booking the panels

Once the panels are booked, rotate them individually about the axis on their respective arms. The panels will only rotate 90-degrees and will settle into the proper orientation.
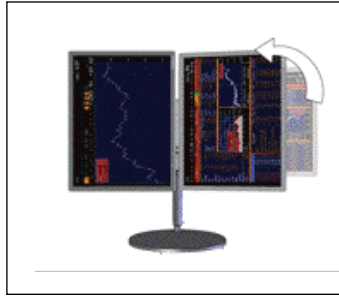

Figure 4: Rotating the panels

Horizontal	Dimension	In.	Cm.
	Height	14.3 to 19.3	36.3 to 49.0
	Width	26.5	67.3
	Depth	10.5	26.7

Vertical	Dimension	In.	Cm.
	Height	21.3 to 24.3	54.1 to 61.7
	Width	13.0	33.0
	Depth	10.5	26.7

Weight	Flat-Panel Unit	Lbs.	Kg.
		19.6	8.9

Range of Motion	Adjustment		Range
	Booking		-6° to 15°
	Arm/Panel Rotation		0° or 90°
	Hub Pitch		-25° to 15°

Display Properties	Dimension	In.	Cm.
	Height	9.0	22.8
	Width	12.0	30.4
	Diagonal	15.0	38.1

Property	Value
Response Time	16 ms
Contrast ratio	500:1
Luminance	280 CD/m2 typical
Resolution	1024 x 768

Temperature	F°	C°
Operating	32° to 122°	0° to 50°
Storage	-4° to 140°	-20° to 60°

Video Mode	Maximum refresh rate*
VGA (640 x 480)	75 Hz
SVGA (800 x 600)	75 Hz
XGA (1024 x 768)	75 Hz
	*recommended refresh setting is 60 Hz

Power Supply Properties	Property	Value
	Input	100–240 VAC, 47–63 Hz 1.0A
	Output	12.0 VDC, 50 W min, 4.15 Amin
	Power Dissipated	4.5W 15.3 BTU/hr

Disclaimer

Bloomberg disclaims all responsibility for improper use of the Compact Display Terminal and any injuries that may occur as a result of such improper use. The information provided herein is solely for educational purposes.

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Approvals

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment Off and On, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and the receiver
• Connect the equipment into an outlet on a circuit different from that to which the receiver is
  connected.
• Consult Bloomberg or an experienced radio/TV technician for help

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment regulations.

방송통신위원회
인증번호 : BLP-FPI600-15 (A)

DISPOSAL OF WASTE EQUIPMENT BY USERS IN THE EUROPEAN UNION. This symbol on the product or on its packaging indicates that this product must not be disposed of with your household waste.

Note: As a precaution, Bloomberg recommends placing the power supply under the desk, as close as possible to the electrical AC outlet that it is plugged into.

CONNECTS TO POWER SUPPLY

CONNECTS TO DUAL VIDEO CARD CABLE CONNECTOR

The power cord is connected directly to the power supply provided with the 15" Terminal Display (not pictured above). The VGA Cables are connected to the Dual Video Card Cable.