

Bloomberg

Bloomberg 17 Inch Flat Panel Display

29 April 2005

Version: 1.1

Flat Panel Technical Information

Description

The BLOOMBERG 17-inch Flat Panel Display, which is comprised of two high-quality independent and versatile, ergonomically designed screen panel devices attached to a space frame and column.



Features

- The Bloomberg 17-inch Flat Panel operates in VGA, SVGA, XGA, and SXGA display modes at 60Hz and features high display quality: high contrast ratio, wide-viewing angle and high-speed response. It also features high brightness with the 4-CCFL backlight lamps using optimized inverter and provide 16.2 million display colors.
- The Bloomberg 17-inch Flat Panel 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 60Hz, 32-bit color, and 1280 x 1024 (SXGA) screen resolution.
- Data and images can be displayed on the two 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. On-Screen Display (OSD) is also a feature.
- Display Panels can be adjusted to provide optimum viewing angles and connects directly to a Bloomberg-ready PC.
- The Bloomberg Flat Panel requires no routine maintenance. To clean the polished chrome, painted plastic, and LCD protective lens, wipe with a soft clean cloth moistened with a glass cleaner or isopropyl alcohol.
- The Flat Panel is EPA Energy Star compliant. To save energy, the Flat Panel will automatically enter stand-by mode within a specified time of inactivity. Moving a pointing device or pressing a key can activate the screen. This feature is only active if the unit is connected to a host that supports display power management.
- The Bloomberg Flat Panel connects directly to a Bloomberg ready PC.

NOTE: Do not spray cleaner directly on unit, nor use glass cleaner or isopropyl alcohol to clean the base

Configurations

The Bloomberg Twin 17-Inch Flat Panels are currently shipped pre-configured horizontally; however, 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 through the three buttons located on the bottom left side of each panel. Figure 1 displays the layout of the buttons.

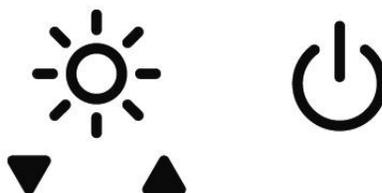


Figure 1 Flat Panel Buttons

These are multi-function buttons. The use of each button changes, depending on the current state of the flat panel display. 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.

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 panel will exit OSD mode.

Adjustments

Once the panels are put in place on a desk, you may want to adjust the viewing angle of the panels to fit your viewing preferences.

To book a panel to the left or right, secure the panel with one hand at a bottom corner, then push or pull with the other hand at the outside edge of the panel.

Figure 2 demonstrates how to book a panel and where your hands should be positioned.

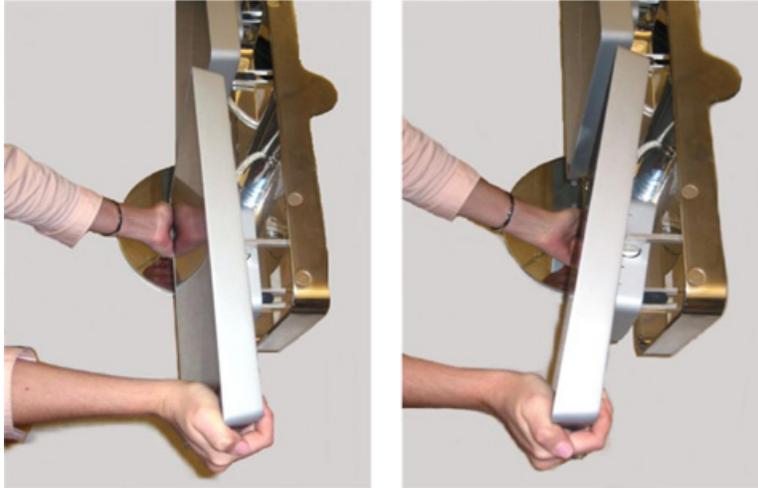


Figure 2 Booking a Flat Panel

Figure 3 demonstrates how to tilt a panel and where your hands should be positioned.

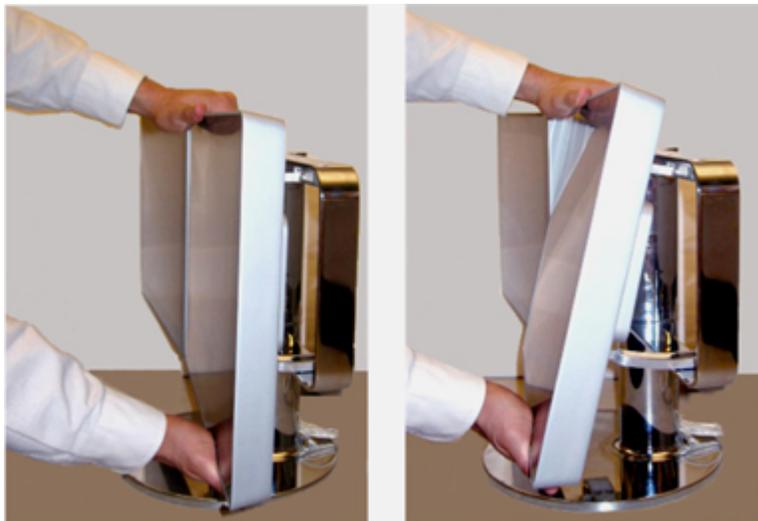


Figure 3 Tilting a Flat Panel

To tilt a panel up or down, use one hand to secure the top of the panel and use the other hand to pull or push the bottom of the panel forward or backwards.

Product Specifications

Horizontal	Dimension		In.	Cm.	
	Height		19.22	48.82	
	Width		33.23	84.40	
	Depth		11.83	30.04	
Vertical**	Dimension		In.	Cm.	
	Height		28.46	72.29	
	Width		16.40	41.66	
	Depth		12.84	32.61	
Weight			Lbs.	Kg.	
	Flat-Panel Unit		48	21.77	
Booking and Tilting Properties	Adjustment		Degrees		
	Horizontal	Booking		10° inward, 0° outwards	
		Tilting		10° up, 5° down	
	Vertical**	Booking		None	
		Tilting	Upper Head	10° up, 12.5° down	
			Lower Head	15° up, 10° down	
Display Properties	Dimension		In.	Cm.	
	Width		13.37	33.79	
	Height		10.64	27.03	
	Diagonal		17.0	43.18	
	Property		Value		
	Technology		a-Si TFT active matrix		
	Contrast Ratio		350:1		
	Luminance		250 CD/m ²		
	Resolution		1280x1024 – 16.2M colors		
	Temperature		C°	F°	
	Operating		0° → 50°	32° → 122°	
	Storage		-25° → 60°	-13° → 140°	
	Video Mode		Maximum Refresh Rate*		
	VGA (640 x 480)		75 Hz		
	SVGA (800 x 600)		75 Hz		
	XGA (1024 x 768)		75 Hz		
	SXGA (1280 x 1024)		75 Hz		
	*Recommended refresh setting is 60 Hz				
	** Currently unavailable in vertical configuration				
	Power Supply Properties	Property		Value	
Model		HUP80-12			
Input		AC 100-240V, 47-63 Hz 1.9A			
Output		DC 80W Max			
Power Dissipated		13.6 watts			
BTUs/hr		46.4			

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.

As an Energy Star partner, has determined that this product meets the Energy Star guidelines for Energy efficiency.





Helpx2

Press the <HELP>
key twice for instant
live assistance.

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