943BT · 943BWT · 2243BWT · 2443BWT

SAMSUNG

Adjustable LCD Monitors

Features:

- Fully adjustable stand: height, swivel, tilt, pivot

- High dynamic contrast ratios of 8000:1 (943BT, 943BWT, 2243BWT), and 20,000:1 (2443BWT)

- Ultra-fast 5 ms response time

- Ultra-thin 15mm (.59") bezels

- Exclusive MagicTune™ display control software

- Exclusive MagicColor™ and MagicBright 3™ picture technology

- MagicRotation™ software allows portrait or landscape views

2443BWT

It's easier if your monitor pivots, tilts, swivels and adjusts to the perfect height, rather than you. The infinitely adjustable Samsung BT/BWT series LCD displays are not only easy on the neck and shoulders, they're easy on the eyes. High dynamic contrast ratios of 8000:1, and 20,000:1 on 2443BWT, combine with fast 5 ms response for highly detailed motion graphics. Exclusive MagicTune™ software gives you accurate and easy display management. And multitasking is easy with the BWT widescreens. You'll have more room for open applications, tool palettes and images. The height of comfort and productivity. Samsung BT/BWT displays.

943BT
943BWT
2243BWT
2443BWT

Adjustable LCD Monitors

Features

Fully Adjustable
BT/BWT series displays are ergonomic marvels. You can swivel, tilt, pivot and adjust to the perfect height. MagicRotation software allows you to easily switch from portrait view to landscape view.

High Dynamic Contrast Ratios
Samsung dynamic contrast continually optimizes signal for optimized contrast. Dynamic contrast ratios of 8000:1, and 20,000:1 on the 2443BWT, deliver superior detail in the whites and blacks.

Fast 5 ms Response Time
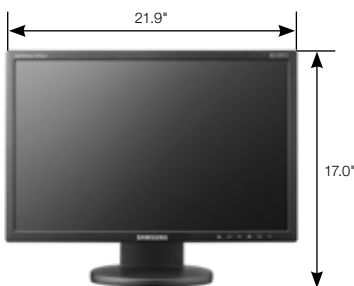The fast 5 ms response time means your motion video will be smooth and smear-free.

Aspect Ratio Control
Samsung BWT series widescreens feature aspect ratio control, which allows you to view 5:4 and 4:3 content on a wide-format monitor, without having the picture automatically stretched artificially.

Exclusive Magic Technologies
MagicTune offers software- and wizard-based full control of display characteristics and adjustments. MagicColor features Full mode to enhance overall color, and Intelligent mode to enhance color without affecting delicate skin tones. And MagicBright 3 gives you picture presets, for optimum viewing at the touch of a button.

2443BWT Dimensions

21.9"

17.0"

Specifications		943BT	943BWT	2243BWT	2443BWT
Display	Type	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN
	Viewable Size	19"	19" wide	22" wide	24" wide
	Native Resolution	1280 x 1024	1440 x 900	1680 x 1050	1920 x 1200
	Pixel Pitch (mm)	0.285	0.294	0.282	0.27
	Aspect Ratio	5:4	16:10	16:10	16:10
	Contrast Ratio (Typical/Dynamic)	1000:1/8000:1	1000:1/8000:1	1000:1/8000:1	1000:1/20000:1
	Viewing Angle (Horizontal/Vertical)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)
	Response Time	5ms	5ms	5ms	5ms
	Light Source	CCFL	CCFL	CCFL	CCFL
	Brightness (Typical)	300 cd/m²	300 cd/m²	300 cd/m²	300 cd/m²
	Panel Surface	Matte	Matte	Matte	Matte
	Maximum Color Supported	16.7M	16.7M	16.7M	16.7M
Video Input Signal	Analog	Analog RGB	Analog RGB	Analog RGB,	Analog RGB
	Digital	DVI (with HDCP)	DVI	DVI (with HDCP)	DVI (with HDCP)
	Frequency (H/V)	30~81kHz(H) / 56~75Hz(V)	30~81kHz(H) / 56~75Hz(V)	30~81kHz(H) / 56~75Hz(V)	30~81kHz(H) / 56~75Hz(V)
	Sync	H/V Separated, Composite H/V, Sync on Green	H/V Separated, Composite H/V, Sync on Green	H/V Separated, Composite H/V, Sync on Green	H/V Separated, Composite H/V, Sync on Green
Compatibilty	PC	Mac OS Leopard, X, 9	Mac OS Leopard, X, 9	Mac OS Leopard, X, 9	Mac OS Leopard, X, 9
	Mac	Windows Vista Premium Certification, XP, 2000, 98	Windows Vista Premium Certification, XP, 2000, 98	Windows Vista Premium Certification, XP, 2000, 98	Windows Vista Premium Certification, XP, 2000, 98
Input Connectors		15-pin D-sub, DVI-D, 3-pin AC plug (CEE22)	15-pin D-sub, DVI-D, 3-pin AC plug (CEE22)	15-pin D-sub, DVI-D, 3-pin AC plug (CEE22), USB (1-up/2-down)	15-pin D-sub, DVI-D, 3-pin AC plug (CEE22)
Power	Voltage	AC 100-240 ~ VAC (±10%), 60 / 50 Hz ±3 Hz	AC 100-240 ~ VAC (±10%), 60 / 50 Hz ±3 Hz	AC 100-240 ~ VAC (±10%), 60 / 50 Hz ±3 Hz	AC 100-240 ~ VAC (±10%), 60 / 50 Hz ±3 Hz
	Consumption (Typical/Standby)	34 watts (max)/<1 watts (DPMS mode)	34 watts (typ)/<1 watts (DPMS mode)	45 watts (typ)/ <1 watts (DPMS mode)	50 watts (typ)/<1 watts (DPMS mode)
Features	Plug & Play	DDC 2B/DDC-CI	DDC 2B/DDC-CI	DDC 2B/DDC-CI	DDC 2B/DDC-CI
	Wall Mount (VESA)	75mm	75mm	100 mm	100 mm
	Cabinet Color	Matte Black	Matte Black	Matte Black	Matte Black
Special Features	Height Adjustable Stand (MagicStand - Up, Down, Swivel, Tilt, 90-degree Rotate)	■	■	■	■
	Built-in USB	N/A	N/A	■	N/A
Magic Technologies	MagicColor (Full and Intelligent Mode)	■	■	■	■
	MagicBright3 (Custom, Text, Internet, Game, Sport, Movie, Dynamic Contrast)	■	■	■	■
	MagicTune Display Control	■	■	■	■
	MagicStand HAS (Height Adjustable, Swivel, Tilt, Pivot)	■	■	■	■
Operating Conditions	Temperature	10°~ 40°	10°~ 40°	10°~ 40°	10°~ 40°
	Humidity	10% ~ 80%, non-condensing	10% ~ 80%, non-condensing	10% ~ 80%, non-condensing	10% ~ 80%, non-condensing
Dimensions and Weight	Product Dimension (With Stand, W x H x D)	16.0" x 15.0" x 7.5"	17.3" x 14.1" x 7.5"	20.0" x 14.8" x 7.9"	21.9" x 17.0" x 9.8"
	Product Dimension (Without Stand, W x H x D)	16.0" x 13.2" x 2.5"	17.3" x 11.4" x 2.6"	20.0" x 13.1" x 2.7"	21.9" x 14.2" x 2.6"
	Shipping Carton Dimension (W x H x D)	18.9" x 8.0" x 16.2"	20.2" x 8.0" x 14.5"	23.0" x 8.0" x 16.3"	25.4" x 11.8" x 20.0"
	Product Weight (With Stand)	10.8 lbs.	11.0 lbs.	14.1 lbs.	17.0 lbs.
	Shipping Weight	14.3 lbs.	14.6 lbs.	18.1 lbs.	22.0 lbs.
Package Contents		Monitor, Power Cable, 15-pin D-sub Cable, DVI-D Cable, Manuals, Driver CD	Monitor, Power Cable, 15-pin D-sub Cable, DVI-D Cable, Manuals, Driver CD	Monitor, Power Cable, 15-pin D-sub Cable, DVI-D Cable, Manuals, Driver CD	Monitor, Power Cable, 15-pin D-sub Cable, DVI-D Cable, Manuals, Driver CD
Warranty		3 years parts and labor	3 years parts and labor	3 years parts and labor	3 years parts and labor
Environmental	Emission Standard	EMC, TCO 99	EMC	EMC	EMC
	RoHS Compliant	N/A	N/A	N/A	N/A
	Energy Star Compliant	■	■	■	■
	Product Recyclability	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly
	Packaging Recyclability	All packing materials are recyclable	All packing materials are recyclable	All packing materials are recyclable	All packing materials are recyclable

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Product Information: 1-866-542-7214   samsung.com/monitor
Product Support: 1-800-SAMSUNG

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