

Specifications		743BX/943BX	943BWX	2043BWX	2243BWX	2443BW/2443BWX
Display	Type	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN	a-si TFT/TN
	Viewable Size	17"/19"	19" wide	20" wide	22" wide	24" wide
	Native Resolution	1280 x 1024	1440 x 900	1680 x 1050	1680 x 1050	1920 x 1200
	Pixel Pitch (mm)	0.264/0.294	0.284	0.258	0.282	0.27
	Aspect Ratio	5:4	16:10	16:10	16:10	16:10
	Contrast Ratio (Typical/Dynamic)	700:1/7000:1 / 1000:1/8000:1	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)	170°/160° (CR>10)
	Response Time	5 ms	5 ms	5 ms	5 ms	5 ms
	Light Source	CCFL	CCFL	CCFL	CCFL	CCFL
	Brightness (Typical)	300 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²
	Panel Surface	Matte	Matte	Matte	Matte	Matte
Maximum Colors Supported	16.7M	16.7M	16.7M	16.7M	16.7M	
Video Input Signal	Analog	Analog RGB	Analog RGB,	Analog RGB	Analog RGB	Analog RGB
	Digital	DVI	DVI (with HDCP)	DVI (with HDCP)	DVI (with HDCP)	DVI (with HDCP)
	Frequency (H/V)	30~81kHz / 56~75Hz	30~81kHz / 56~75Hz	30~81kHz / 56~75Hz	30~81kHz / 56~75Hz	30~81kHz / 56~75Hz
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	H/V Separated, Composite H/V, Sync on Green	
Compatibility	PC	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	Windows Vista Basic Certification, XP, 2000, 98
	Mac	Mac OS Leopard, X, 9	Mac OS Leopard, X, 9	Mac OS Leopard, X, 9	Mac OS Leopard, X, 9	Mac OS Leopard, X, 9
Input Connectors	DVI-D, 15-pin D-sub	■	■	■	■	■
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	AC 100-240 ~ VAC (± 10%), 60 / 50 Hz ± 3 Hz
	Consumption	34 watts (max)/<1 watts (DPMS mode)	34 watts (max)/<1 watts (DPMS mode)	40 watts (max)/<1 watts (DPMS mode)	45 watts (max)/<1 watts (DPMS mode)	50 watts (max)/<1 watts (DPMS mode)
Controls	Basic	Power, Auto Adjustment, Source, Brightness up/down, MagicBright 3, OSD Menu	Power, Auto Adjustment, Source, Brightness up/down, MagicBright 3, OSD Menu	Power, Auto Adjustment, Source, Brightness up/down, MagicBright 3, OSD Menu	Power, Auto Adjustment, Source, Brightness up/down, MagicBright 3, OSD Menu	Power, Auto Adjustment, Source, Brightness up/down, MagicBright 3, OSD Menu
	Advanced	Picture (Brightness, Contrast, MagicBright), Color (MagicColor, Color Tone, Color Control, Color Effect, Gamma), Image (Coarse, Fine, Sharpness, H position, V position), OSD (Language, H position, V position, Transparency, Display Time), Setup (Auto Source, Reset, Off Timer, Customized Key, Image Size)	Picture (Brightness, Contrast, MagicBright), Color (MagicColor, Color Tone, Color Control, Color Effect, Gamma), Image (Coarse, Fine, Sharpness, H position, V position), OSD (Language, H position, V position, Transparency, Display Time), Setup (Auto Source, Reset, Off Timer, Customized Key, Image Size)	Picture (Brightness, Contrast, MagicBright), Color (MagicColor, Color Tone, Color Control, Color Effect, Gamma), Image (Coarse, Fine, Sharpness, H position, V position), OSD (Language, H position, V position, Transparency, Display Time), Setup (Auto Source, Reset, Off Timer, Customized Key, Image Size)	Picture (Brightness, Contrast, MagicBright), Color (MagicColor, Color Tone, Color Control, Color Effect, Gamma), Image (Coarse, Fine, Sharpness, H position, V position), OSD (Language, H position, V position, Transparency, Display Time), Setup (Auto Source, Reset, Off Timer, Customized Key, Image Size)	Picture (Brightness, Contrast, MagicBright), Color (MagicColor, Color Tone, Color Control, Color Effect, Gamma), Image (Coarse, Fine, Sharpness, H position, V position), OSD (Language, H position, V position, Transparency, Display Time), Setup (Auto Source, Reset, Off Timer, Customized Key, Image Size)
Features	Plug & Play	DDC 2B/DDC-CI	DDC 2B/DDC-CI	DDC 2B/DDC-CI	DDC 2B/DDC-CI	DDC 2B
	Wall Mount (VESA)	75mm	75mm	75mm	100m	100m
	Cabinet Color	High-gloss Black	High-gloss Black	High-gloss Black	High-gloss Black	Matte/High-gloss Black
Special Features and Magic Technologies	Built-in USB	N/A	N/A	■ (1-up/2-down)	■ (1-up/2-down)	■ (1-up/2-down) (2443BW only)
	MagicColor (Full and Intelligent mode)	■	■	■	■	■
	MagicBright 3 (Custom, Text, Internet, Game, Sports, Movie, Dynamic Contrast mode)	■	■	■	■	■
	MagicTune (On-Screen Management with MagicWizard)	■	■	■	■	■
	MagicStand HAS (height adjustable, swivel, tilt, rotate)	■	■	■	■	■ (2443BW only)
	MagicRotation (image rotation with software)	■	■	■	■	■ (2443BW only)
Operating Conditions	Temperature	10°C ~ 40°C	10°C ~ 40°C	10°C ~ 40°C	10°C ~ 40°C	10°C ~ 40°C
	Humidity	10% ~ 80%, non-condensing	10% ~ 80%, non-condensing	10% ~ 80%, non-condensing	10% ~ 80%, non-condensing	10% ~ 80%, non-condensing
Dimensions & Weight	Product Dimension (with stand, W x H x D)	14.5" x 14.5" x 7.5" / 16.0" x 15.0" x 7.5"	17.3" x 14.1" x 7.5"	18.5" x 14.3" x 7.9"	19.9" x 14.8" x 7.9"	21.9" x 17.0" x 9.8" / 21.9" x 17.6" x 9.0"
	Product Dimension (without stand, W x H x D)	14.5" x 12.1" x 2.6" / 16.0" x 14.0" x 2.5"	17.3" x 11.4" x 2.6"	18.5" x 12.1" x 2.7"	19.9" x 13.1" x 2.7"	21.9" x 14.2" x 2.6" / 21.9" x 14.2" x 2.9"
	Shipping Carton Dimension (W x H x D)	17.6" x 7.8" x 15.9" / 18.9" x 8.0" x 16.2	20.2" x 8.0" x 14.5"	21.5" x 8.0" x 15.2"	23.0" x 8.0" x 16.3"	25.4" x 11.8" x 20.0" / 25.4" x 5.7" x 17.8"
	Product Weight (with stand)	10.5 lbs./10.7 lbs.	11.0 lbs.	11.5 lbs.	14.0 lbs.	17.0 lbs./12.6 lbs.
	Shipping Weight	13.7 lbs./14.3 lbs.	14.4 lbs.	15.0 lbs.	18.1 lbs.	22.0 lbs./16.3 lbs.
Environmental	Emission Standard	EMC	EMC	EMC	EMC	EMC
	RoHS Compliant	■	■	■	■	■
	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	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	All packing materials are recyclable	
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	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	3 years parts and labor	

Product Support: 1-800-SAMSUNG • Product Information: 1-866-542-7214
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imagine monitors that adjust to
the way you do business.

Samsung SyncMaster 43 Series

743BX/943BX/943BWX/2043BWX/2243BWX/2443BW/2443BWX



LCD Monitors



Samsung 743BX/943BX/943BWX/2043BWX/2243BWX/2443BW/2443BWX LCD Monitors



Imagine monitors that adjust to you, instead of the other way around. The Samsung 43 Series displays are infinitely adjustable marvels of ergonomic engineering that provide more comfort and more productivity. Combined with ultra-thin bezels, sleek, buttonless designs, and budget-friendly price points, you'll want to put one on every desk in the company. With the Samsung 43 Series LCD monitors, it's not hard to imagine.

Adjustability. Versatility. Productivity.

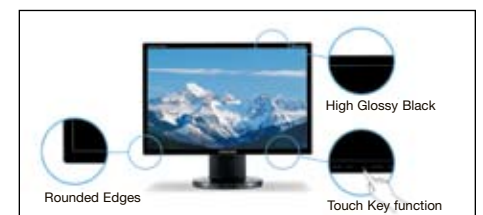
The days of being restricted by your monitor are over. No matter how short or how tall you are, no matter if you like your monitor on the wall or on the desk, no matter if you like your monitor in the corner or right in front of you, your monitor will be just how you want it. The Samsung BX/BWX monitors offer pivot, swivel, tilt and height adjustment (excludes 2443BWX). Your neck and shoulders will thank you. And the 2043BWX, 2243BWX and 2443BW widescreen monitors offer MagicRotation software, so you can view your images in a true 16:10 landscape or 10:16 portrait orientation. Not everyone in your office does the same job or works the same way. It's nice to know there's a monitor that accommodates everyone.

Samsung 43 Series monitors also fit seamlessly into every business environment in terms of connectivity. You can connect using either the analog 15-pin D-sub connection, or the digital DVI-D connection. The 2043BWX, 2243BWX and 2443BW monitors also feature two USB ports, to allow you to easily connect a digital camera, USB flash memory or other USB device.



Beautify the workplace.

While the Samsung 43 Series monitors are easy on the neck and shoulders, they're also easy on the eyes. Functional performance doesn't have to mean utilitarian design. The 43 Series displays feature ultra-thin, 1/2" bezels finished in a rich, high-gloss black (matte finish on 2443BW). The edges are gracefully rounded, and the design incorporates simple, elegant, buttonless touch controls. And the monitors themselves are about 2-1/2" thin. You'll find yourself staring at them, even when they're off.



Up to 20,000:1 dynamic contrast ratio for a continually inspiring picture.

Samsung dynamic contrast analyzes picture input signals and continually adjusts brightness for optimized contrast. The result is brighter brights without blowing out the whites, and richer blacks that hold detail. With up to 20,000:1 dynamic contrast, it's a constantly shifting range that always delivers the most detailed picture possible.



Fast 5 ms response for sharp motion graphics.

Not everything you do is a spreadsheet or a still picture. You might be viewing a website with motion video. You might be watching a sales video. Whatever the case may be, the Samsung 43 Series monitors feature fast 5 ms response times, for sharp, smear-free motion video.



HDCP for display of high-resolution digital content.



The details are what separate a great idea from an average idea. And they're what separate a great monitor from an average one.

The 943BWX, 2043BWX, 2243BWX, 2443BW and 2443BWX widescreen LCD monitors give you all the detail you need. They're HDCP-compatible (High-bandwidth Digital Content Protection). So when you connect a Blu-ray player, game console or other HD source to your monitor, the content will be displayed with no disruption due to content protection. You'll be able to view high resolution video with all the quality that's intended.

Off-Timer Control saves energy and saves money.

You can set your Samsung monitor to turn off automatically at a specific time. It saves energy, it extends the life of your monitor and it ensures your Samsung monitor is operating at peak efficiency for a long time to come.

Custom Key gives you a monitor customized to the way you work.

Which Samsung picture-optimization function do you find yourself using the most? With the Custom Key, you can set it to give you one-touch access to MagicBright, MagicColor, Color Effect or Aspect Ratio Control.

Aspect Ratio Control on widescreens.

With Samsung's Aspect Ratio Control, you can view 5:4 and 4:3 content the way it was meant to be viewed, even on a wide-format monitor. If you use a typical wide monitor with a PC that doesn't support wide aspect ratios, the picture will expand to fill the wide monitor and distort. With the user-selectable Wide and Normal Image Size modes on the Samsung 943BWX, 2043BWX, 2243BWX and 2443BWX widescreen monitors, the original aspect is preserved. No matter what you view, you can view it distortion-free.



Wide Mode



Normal Mode

MagicColor™ for color exactly the way you want it.

Brilliant, natural color is as important to us as it is to you. So we invented our exclusive MagicColor™ technology. MagicColor lets you adjust the color exactly the way you like it. Full mode enhances the overall color. Intelligent mode enhances the color without affecting delicate skin tones. And Demo mode uses a split screen to let you compare color corrections to your original picture.

The perfect picture with exclusive MagicBright 3 technology.

MagicBright 3 is an exclusive Samsung technology that gives you the optimum viewing experience, no matter what's on your screen. Seven presets let you instantly select from modes that include Custom, Text, Internet, Game, Sport, Movie and Dynamic Contrast.

Control it all easily with MagicTune™ with Asset Management.

We put thought into every aspect of a Samsung monitor, including ease of use. With MagicTune™, you can easily control every aspect of your picture, right from your screen. That means that if your monitor is wall-mounted, out of reach or if you just don't feel like using the touch controls on the monitor, perfect color calibration is simple. The asset management feature lets you adjust networked monitors from a remote computer, as well as keep track of models, serial numbers, IP addresses, user names and status of all client monitors. MagicTune™ also includes the MagicWizard™ feature. With MagicWizard, you can set resolution, color, image and display font, either manually or automatically.