



SyncMaster 2043NW

imagine an optimized office environment

To promote workplace efficiency, Samsung has created a range of monitors which allow users greater freedom and flexibility to create their optimum working environment. Elegant and slim, with superior technical specifications and outstanding features, the monitors promote productivity and provide empowerment. With SyncMaster 743B/BM/943N/B/T/BM/NW/BW/2043NW/BW/WM/2243NW/BW/WM/XW, it's not hard to imagine. To learn more, please visit www.samsung.com



Enhanced efficiency and increased work output

Designed with business users in mind, these monitors not only incorporate outstanding technical specifications, but also employ key features that are ideal for streamlining the modern office environment. The multifunctional stand allows the monitor to be fully molded to suit individual user's needs through the height adjustable stand, pivot, and swivel functions, enabling the creation of a more efficient work station.

Expressing emotion and excellence **Slim & Compact**

The exquisite design of Samsung monitors allows users to feel comfortable and creative in their work environment. The slim, narrow design offers expanded placement options, whether on a desk or a wall. The soft, rounded edges balance and inspire to harmonize any environment. The convenient touch key function allows users to design the screen to fit their needs, and creates an environment that facilitates enhanced efficiency and productivity.



Your screen, your way **HAS**

The modern office places exacting demands in terms of equipment flexibility. With HAS, ergonomic design harmonizes with practical application to deliver a working position everyone can enjoy. Raise and lower by up to 80 mm, tilt the screen angle and swivel until you're in your own, personal comfort zone. This facility can even be used when the screen is wall-mounted.



MagicRotation

MagicRotation Auto is a flexible, user-friendly pivot function that engages automatically when the screen is turned. When reading a long document, this function removes the requirement for scrolling. The result is improved user-equipment interaction and reduced downtime.

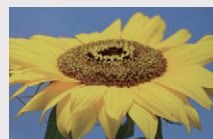


New Magic Color technology **MagicColor**

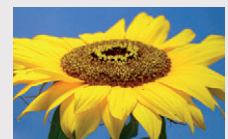
One of the key features of Samsung's updated Magic Color Engine is that it allows you to enjoy enhanced Color Effect technology. This enables you to appreciate the same photographic color effects as Digital Cameras employ. You can choose to use Sepia, Grayscale, Aqua, and Green color effects for more advanced imaging. In addition, Magic Color provides vivid images, Gamma Control delivers dramatic detail, and Color Tone allows you to set color temperature for a better visual mood.

Deeper dynamic contrast (8,000:1) **8000:1**

With a Dynamic Contrast ratio of 8,000:1, you can be sure that the images you view are powerful and vivid. Images are born with greater depth and intensity, by the intuitive dimming and brightening of the backlight, a wider range of emotional depth and clarity is achieved, allowing you to fully appreciate all multi-media content.



Conventional



Samsung



Magic Speed (5ms)

The super-fast response time of 5ms generates immaculate image clarity. Pin-point precision is achieved, and ghosting and blurring effects are eliminated, creating a phenomenally powerful environment for the enjoyment of fast action games, presented with dramatic, lifelike detail.



Conventional



Samsung

TCO' 03 compliant

This product is TCO'03 certified. This certification is only awarded to products that meet the highest standards of ease of use, picture quality, radiation emission and environmental consideration. The latest certification has even stricter demands than its predecessor TCO-99.

Windows Vista Certified

SyncMaster has been developed and optimized for the Windows Vista operating system. It fulfils the system's demands in terms of performance and is Vista certified. Both the TCO' 03 and Vista certifications represent superior levels of safety and reliability as well as delivering high-quality viewing of multimedia content. (Does not apply to all models).

HDCP – clearly higher quality

High-resolution images are transmitted with perfect precision from DVD players and Games consoles via DVI to the monitor with HDCP (High-bandwidth Digital Content Protection) support. Together with the inbuilt Multimedia stereo speaker option, the result is high quality HD entertainment.

Adjustable image size function

The adjustable image size function enables standard content to be viewed in their correct size on a wide screen. Image stretching and distortion is eliminated, meaning that when you are playing a game, for example, the image that you see is exactly as it should be, and your entertainment is uncompromised.



Conventional



Samsung

Personalized function key

By selecting your favorite function to be set or reset as an easily accessible customized key, you can enjoy quick access to the Magic Bright, Magic Color, Color Effect, or Image Size function at the touch of a button for advanced image interaction and enjoyment.

Power consumption control

The OFF Timer function allows the monitor to turn itself off automatically at a time specified by the user anywhere between 1 and 23 hours. This intelligent feature has many benefits. As well as contributing to maintaining the monitor's integrity and reliability, it conserves energy and extends the unit's lifetime.



Specification

Model Name		743B	743BM	943B	943BM
Display	Size	17"	17"	19"	19"
	Brightness	300 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²
	Contrast static	700:1	700:1	1000:1	1000:1
	Contrast Dynamic	7000:1	7000:1	8000:1	8000:1
	Pixel size mm	0,264	0,264	0,294	0,294
	Panel type	TN	TN	TN	TN
	Viewing angle (H/V)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)
	Resolution	1280x1024	1280x1024	1280x1024	1280x1024
	Response time	5 ms	5 ms	5 ms	5 ms
Colours	16,7 milj	16,7 milj	16,7 milj	16,7 milj	
Signal input	Interface	Analog / Digital	Analog / Digital	Analog / Digital	Analog / Digital
	Sync model	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG
	Inputs	15pin D-sub, DVI-D	15pin D-sub, DVI-D	15pin D-sub, DVI-D	15pin D-sub, DVI-D
Power	Power consumption, On	30Watts	32 Watts	34Watts	36 Watts
	Power consumption, pwr save	<1W	<1W	<1W	<1W
Size and weight	Size with stand(WxHxD) mm	368,0x367,2x190,0	368,0x367,2x190,0	405,6x380,2x190,0	405,6x380,2x190,0
	Size without stand(WxHxD) mm	368,0x307,4x65,5	368,0x327,4x65,5	405,6x355,2x63,8	405,6x355,9x63,8
	WeightNet	4,75	4,75	4,85	4,9
Features	Speakers	No	Yes, 2 x 1W	No	Yes, 2 x 1W
	Wall mount	VESA 75mm	VESA 75mm	VESA 75mm	VESA 75mm
	TCO	TCO'03	TCO'03	TCO'03	TCO'03
	Cabinet Color (Front / back)	Silver / Black	Silver / Black	Black/Black, Silver/Black	Black/Black, Silver/Black
	Cables included	VGA, DVI-D	VGA, DVI-D, Audio 3,5mm	VGA, DVI-D	VGA, DVI-D, Audio 3,5mm
	Special features	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard
	Warranty	3 years on-site swap service	3 years on-site swap service	3 years on-site swap service	3 years on-site swap service
Stand	Height Adjustable Stand	HAS 80mm, Pivot, Swivel, Tilt	HAS 80mm, Pivot, Swivel, Tilt	HAS 80mm, Pivot, Swivel, Tilt	

Model Name		943N	943N HAS	943T	943NW
Display	Size	19"	19"	19"	19" wide
	Brightness	300 cd/m ²	300 cd/m ²	250 cd/m ²	300 cd/m ²
	Contrast static	1000:1	1000:1	1500:1	1000:1
	Contrast Dynamic	8000:1	8000:1	10000:1	8000:1
	Pixel size mm	0,294	0,294	0,294	0,285
	Panel type	TN	TN	PVA	TN
	Viewing angle (H/V)	170°/160° (CR>10)	170°/160° (CR>10)	178°/178° (CR>10)	170°/160° (CR>10)
	Resolution	1280x1024	1280x1024	1280x1024	1440x900
	Response time	5 ms	5 ms	25 ms	5 ms
Colours	16,7 milj	16,7 milj	16,7 milj	16,7 milj	
Signal input	Interface	Analog	Analog	Analog / Digital	Analog
	Sync model	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG
	Inputs	15pin D-sub	15pin D-sub	15pin D-sub, DVI-D	15pin D-sub
Power	Power consumption, On	34Watts	34Watts	34Watts	34Watts
	Power consumption, pwr save	<1W	<1W	<1W	<1W
Size and weight	Size with stand(WxHxD) mm	405,6x413,5x200,0	405,6*380,2*190,0	405,6x380,2x190,0	439,0x368,0x185,0
	Size without stand(WxHxD) mm	405,6x335,2x66,7	405,6*355,2*63,8	405,6x355,2x63,8	439,0x290,0x68,4
	WeightNet	3,8	4,85	4,85	3,8
Features	Speakers	No	No	No	No
	Wall mount	VESA 75mm	VESA 75mm	VESA 75mm	VESA 75mm
	TCO	TCO'99	TCO'03	TCO'03	TCO'99
	Cabinet Color (Front / back)	Black/Black, Silver/Black	Black / Black	Black/Black, Silver/Black	Black / Black
	Cables included	VGA	VGA	VGA, DVI-D	VGA
	Special features	MagicTune, MagicSpeed, MagicBright3, Windows Vista Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, Windows Vista Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, Windows Vista Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard
	Warranty	3 years on-site swap service	3 years on-site swap service	3 years on-site swap service	3 years on-site swap service
Stand	Height Adjustable Stand	Tilt	HAS 80mm, Pivot, Swivel, Tilt	Tilt	

Specification

Model Name	943BW	2043NW	2043BW	2043WM	
Display	Size	19" wide	20" wide	20" wide	
	Brightness	300 cd/m ²	300 cd/m ²	300 cd/m ²	
	Contrast static	1000:1	1000:1	1000:1	
	Contrast Dynamic	8000:1	8000:1	8000:1	
	Pixel size mm	0,285	0,258	0,258	
	Panel type	TN	TN	TN	
	Viewing angle (H/V)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)
	Resolution	1440x900	1680x1050	1680x1050	1680x1050
	Response time	5 ms	5 ms	5 ms	5 ms
Colours	16,7 milj	16,7 milj	16,7 milj	16,7 milj	
Signal input	Interface	Analog / Digital	Analog	Analog / Digital	
	Sync model	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	
	Inputs	15pin D-sub, DVI-D	15pin D-sub	15pin D-sub, DVI-D	15pin D-sub, DVI-D
Power	Power consumption, On	34 Watts	40 Watts	40 Watts	42 Watts
	Power consumption, pwr save	<1W	<1W	<1W	<1W
Size and weight	Size with stand(WxHxD) mm	439,0x357,3x190,0	469,3x393,8x217,5	469,3x364,4x200,0	469,3x364,4x200,0
	Size without stand(WxHxD) mm	439,0x290,0x65,5	469,3x307,8x72,3	469,3x307,8x69,4	469,3x327,8x69,4
	WeightNet	5	5,1	5,2	6,05
Features	Speakers	No	No	No	Yes, 2 x 1W
	Wall mount	VESA 75mm	VESA 75mm	VESA 75mm	VESA 75mm
	TCO	TCO'03	TCO'99	TCO'03	TCO'03
	Cabinet Color (Front / back)	Silver / Black	Black / Black	Silver / Black	Black/Black, Silver/Black
	Cables included	VGA, DVI-D	VGA	VGA, DVI-D	VGA, DVI-D, Audio 3,5mm
	Special features	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, HDCP, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, HDCP, Windows Vista Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, HDCP, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, HDCP, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard
Warranty	3 years on-site swap service	3 years on-site swap service	3 years on-site swap service	3 years on-site swap service	
Stand	Height Adjustable Stand	HAS 80mm, Pivot, Swivel, Tilt	Swivel, Tilt	HAS 80mm, Pivot, Swivel, Tilt	

Model Name	2243NW	2243BW	2243WM	2243XW	
Display	Size	22" wide	22" wide	22" wide	
	Brightness	300 cd/m ²	300 cd/m ²	300 cd/m ²	250 cd/m ²
	Contrast static	1000:1	1000:1	1000:1	1000:1
	Contrast Dynamic	8000:1	8000:1	8000:1	8000:1
	Pixel size mm	0,282	0,282	0,282	0,282
	Panel type	TN	TN	TN	TN
	Viewing angle (H/V)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)	170°/160° (CR>10)
	Resolution	1680x1050	1680x1050	1680x1050	1680x1050
	Response time	5 ms	5 ms	5 ms	5 ms
Colours	16,7 milj	16,7 milj	16,7 milj	16,7 milj	
Signal input	Interface	Analog	Analog / Digital	Analog / Digital	
	Sync model	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	Separate H/V, Composite, SOG	
	Inputs	15pin D-sub	15pin D-sub, DVI-D	15pin D-sub, DVI-D	15pin D-sub, DVI-D
Power	Power consumption, Max	45 Watts	45 Watts	47 Watts	36 Watts
	Power consumption, pwr save	<1W	<1W	<1W	<1W
Size and weight	Size with stand(WxHxD) mm	505,5x417,2x217,5	505,5x375,4x200,0	505,5x375,4x200,0	505,5x375,4x200,0
	Size without stand(WxHxD) mm	505,5x331,5x72,0	505,5x331,5x67,6	505,5x351,5x67,6	505,5x331,5x77
	WeightNet	4,85	6,35	6,4	6,1
Features	Speakers	No	No	Yes, 2 x 1W	No
	Wall mount	VESA 100mm	VESA 100mm	VESA 100mm	VESA 100mm
	TCO	TCO'99	TCO'03	TCO'03	TCO'03
	Cabinet Color (Front / back)	Black / Black	Black/Black, Silver/Black	Black/Black, Silver/Black	Black / Black
	Cables included	VGA	VGA, DVI-D	VGA, DVI-D, Audio 3,5mm	DVI-D
	Special features	MagicTune, MagicSpeed, MagicBright3, Windows Vista Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, HDCP, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	MagicTune, MagicSpeed, MagicBright3, Magic Rotation, HDCP, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard	LED Backlight, MagicTune, MagicSpeed, MagicBright3, Magic Rotation, HDCP, Windows Vista Premium Certified, Off Timer, Image Size, Color Effect, Customized key, MagicWizard
Warranty	3 years on-site swap service	3 years on-site swap service	3 years on-site swap service	3 years on-site swap service	
Stand	Height Adjustable Stand	Swivel, Tilt	HAS 80mm, Pivot, Swivel, Tilt	HAS 80mm, Pivot, Swivel, Tilt	

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