

秘【Confidential】

1page Spec Sheet
for
42" (106.7cm) LCD MONITOR

MODEL NAME : MultiSync V423

Ver 2.0
Date : 4, Apr, 2013

Designed by: M.Ogushi

Checked by : Y.Moriki

Approved by : T.Mihara

2nd Engineering Department
MONITOR DEVELOPMENT DIVISION

NEC Display Solutions,Ltd.

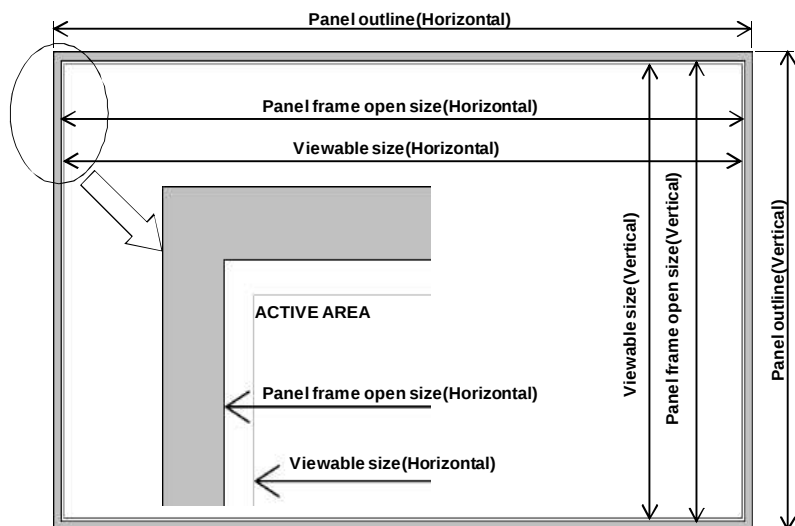
08VB1LAN

REVISION HISTORY

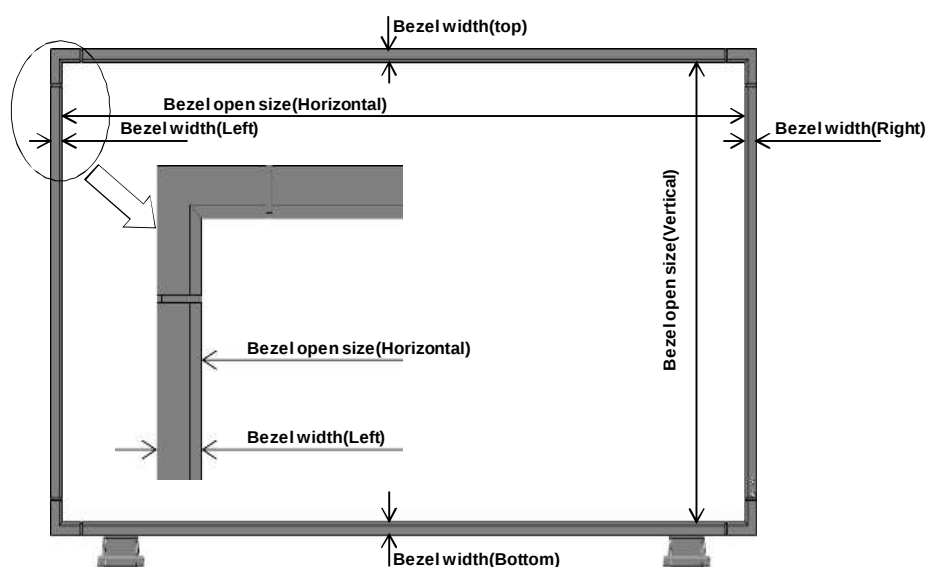
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08VB1LAN

LCD Product Specifications			Model Name :NEC MultiSync V423																																						
Model Variation	Model ID		Model Number		Model		White		Black		Bluish Silver		Head model White		Head Model Black																										
	North America		NEC Athlon3.81	V423-L1(A)	08VB11AN	L422VB	-	-	L422VB(L1)-BK(A)NFV	-	-	-	-	-	-	-	-	-	-	-	-																				
	Europe		NEC Athlon3.81	V423-L1(B)	08VB11BN	L422VB	-	-	L422VB(L1)-BK(B)NFV	-	-	-	-	-	-	-	-	-	-	-	-																				
	Japan		NEC Athlon3.81	LCD-V423	08VB11JN	L422VB	-	-	L422VB(L1)-BK(J)NFV	-	-	-	-	-	-	-	-	-	-	-	-																				
	China		NEC Athlon3.81	V423-L1(C)	08VB11CN	L422VB	-	-	L422VB(L1)-BK(C)NFV	-	-	-	-	-	-	-	-	-	-	-	-																				
World wide		NEC Athlon3.81					-	-		-	-	-	-	-	-	-	-	-	-	-																					
GTIN Code	UPC Code:		NEC Brand:			-	-	-	805736043013	-	-	-	-	-	-	-	-	-	-	-	-																				
	EAN Code:		NEC Brand:			-	-	-	5028695109230	-	-	-	-	-	-	-	-	-	-	-	-																				
	JAN Code:		NEC Brand:			-	-	-	4541225006546	-	-	-	-	-	-	-	-	-	-	-	-																				
LCD Module	LCD Type:		D420EUB-S0A1 S-IPS (m. S-IPS, PVA, TN etc)			Manufacturer: LGD																																			
	(1) Viewable size:	Horizontal:	930.2 mm	36.6 in.	Vertical:	523.3 mm	20.6 in.	Diagonal:		1067.3 mm	42.0 in.																														
		Horizontal:	938.6 mm	37.0 in.	Vertical:	531.5 mm	20.9 in.																																		
	(3) Panel frame open size:	Horizontal:	- mm	- in.	Vertical:	- mm	- in.																																		
		Horizontal:	958.4 mm	37.7 in.	Vertical:	551.3 mm	21.7 in.	Depth		24.0 mm	0.9 in.																														
	(3) Panel frame open size:																																								
	Panel outline:																																								
	Dot pitch:		0.162 mm	(X.XXX mm) Significant figure																																					
	Brightness:		320 cd/m ² (default setting at ex-factory)	450 cd/m ² (maximum setting)																																					
	Contrast Ratio:		1300 :1(Typ.)	-																																					
	Viewing Angle:	Up	89	Down	89	Right	89	Left	89	(10:1 Measurement Condition)																															
		Up	-	Down	-	Right	-	Left	-	(5:1 Measurement Condition)																															
	Display Colors:		1,073,741,824	Color Depth:	10 bits	(6 bits / 8 bits / other () bits)																																			
	Back Light / Power & Life:		112(LED) pieces	Edge lighting	Position (Direct backlight/Edge light)	140 (typ.) mA / pieces		Mercury content		mg/pieces																															
	Pixel Pitch:		0.485 (H) mm X	0.485 (V) mm	Pixels per inch :		9014 PPI																																		
	Response Time:		- msec (typ) (White to black)	- msec (max) (White to black)	- msec (typ) (Black to white)	- msec (max) (Black to white)	- msec (typ) (White to black+Black to white)	12 msec (typ) (G to G)	- msec (max) (White to black+Black to white)	- msec (max) (G to G)																															
	Recommended Use Distance:		- in. To	- in.	Optimal Distance :		- in.																																		
User Control			8 buttons EXIT / down / up / - / + / INPUT select / MUTE / Power switch																																						
RGB Signal	Number of Input:		3	Input1	DVI-D	Input2	Mini D-sub15	Input3	DisplayPort	Input4	No																														
	Input Connections:		D-SUB:	Yes	DVI-I:	No	DVI-D:	Yes	DVI-A:	No	BNC:	No																													
			Analog Input									Digital Input																													
	Video:	ANALOG 0.7 Vp-p/75 Ohms																																							
		Sync:																																							
		Yes																																							
		Yes																																							
	Sync Range Horizontal:	31.5 KHz to		91.1 KHz																																					
		50.0 Hz to		85.0 Hz	50Hz (Following timing)																																				
		50.0 Hz to		162.0 MHz																																					
		25.2 MHz to		162.0 MHz																																					
	Video band width / Pixel Clock Resolutions Supported:	Yes		1640 x 400 @	56.2 Hz to	85.0 Hz	Yes	1640 x 400 @	56.2 Hz to	85.0 Hz	Yes	1640 x 400 @	56.2 Hz to	85.0 Hz	Yes	1640 x 400 @	56.2 Hz to	85.0 Hz	Yes	1640 x 400 @	56.2 Hz to	85.0 Hz																			
		Yes		720 x 400 @	70.0 Hz to	85.0 Hz	Yes	720 x 400 @	70.0 Hz to	85.0 Hz	Yes	720 x 400 @	70.0 Hz to	85.0 Hz	Yes	720 x 400 @	70.0 Hz to	85.0 Hz	Yes	720 x 400 @	70.0 Hz to	85.0 Hz																			
		Yes		640 x 480 @	50.0 Hz to	85.0 Hz	Yes	640 x 480 @	50.0 Hz to	85.0 Hz	Yes	640 x 480 @	50.0 Hz to	85.0 Hz	Yes	640 x 480 @	50.0 Hz to	85.0 Hz	Yes	640 x 480 @	50.0 Hz to	85.0 Hz																			
		Yes		800 x 600 @	50.0 Hz to	85.0 Hz	Yes	800 x 600 @	50.0 Hz to	85.0 Hz	Yes	800 x 600 @	50.0 Hz to	85.0 Hz	Yes	800 x 600 @	50.0 Hz to	85.0 Hz	Yes	800 x 600 @	50.0 Hz to	85.0 Hz																			
		Yes		832 x 624 @	74.5 Hz to	85.0 Hz	Yes	832 x 624 @	74.5 Hz to	85.0 Hz	Yes	832 x 624 @	74.5 Hz to	85.0 Hz	Yes	832 x 624 @	74.5 Hz to	85.0 Hz	Yes	832 x 624 @	74.5 Hz to	85.0 Hz																			
		Yes		1024 x 768 @	50.0 Hz to	85.0 Hz	Yes	1024 x 768 @	50.0 Hz to	85.0 Hz	Yes	1024 x 768 @	50.0 Hz to	85.0 Hz	Yes	1024 x 768 @	50.0 Hz to	85.0 Hz	Yes	1024 x 768 @	50.0 Hz to	85.0 Hz																			
		No		1152 x 870 @	- Hz to	- Hz	Yes	1152 x 870 @	- Hz to	- Hz	Yes	1152 x 870 @	- Hz to	- Hz	Yes	1152 x 870 @	- Hz to	- Hz	Yes	1152 x 870 @	- Hz to	- Hz																			
		Yes		1280 x 1024 @	50.0 Hz to	85.0 Hz	Yes	1280 x 1024 @	50.0 Hz to	85.0 Hz	Yes	1280 x 1024 @	50.0 Hz to	85.0 Hz	Yes	1280 x 1024 @	50.0 Hz to	85.0 Hz	Yes	1280 x 1024 @	50.0 Hz to	85.0 Hz																			
		Yes		1600 x 1200 @	60.0 Hz to	85.0 Hz	Yes	1600 x 1200 @	60.0 Hz to	85.0 Hz	Yes	1600 x 1200 @	60.0 Hz to	85.0 Hz	Yes	1600 x 1200 @	60.0 Hz to	85.0 Hz	Yes	1600 x 1200 @	60.0 Hz to	85.0 Hz																			
		Yes		1280 x 768 @	50.0 Hz to	85.0 Hz	Yes	1280 x 768 @	50.0 Hz to	85.0 Hz	Yes	1280 x 768 @	50.0 Hz to	85.0 Hz	Yes	1280 x 768 @	50.0 Hz to	85.0 Hz	Yes	1280 x 768 @	50.0 Hz to	85.0 Hz																			
		Yes		1360 x 768 @	50.0 Hz to	85.0 Hz	Yes	1360 x 768 @	50.0 Hz to	85.0 Hz	Yes	1360 x 768 @	50.0 Hz to	85.0 Hz	Yes	1360 x 768 @	50.0 Hz to	85.0 Hz	Yes	1360 x 768 @	50.0 Hz to	85.0 Hz																			
		Yes		1920 x 1080 @	50.0 Hz to	60.0 Hz	Yes	1920 x 1080 @	50.0 Hz to	60.0 Hz	Yes	1920 x 1080 @	50.0 Hz to	60.0 Hz	Yes	1920 x 1080 @	50.0 Hz to	60.0 Hz	Yes	1920 x 1080 @	50.0 Hz to	60.0 Hz																			
	Maximum Resolution:		1920 x 1080 @	60.0 Hz	60.0 Hz	1920 x 1080 @	60.0 Hz	60.0 Hz	1920 x 1080 @	60.0 Hz	60.0 Hz	1920 x 1080 @	60.0 Hz	60.0 Hz	1920 x 1080 @	60.0 Hz	60.0 Hz	1920 x 1080 @	60.0 Hz	60.0 Hz	1920 x 1080 @	60.0 Hz	60.0 Hz																		
	Number of Output:		1	Output-1	DVI-D:	Output-2	none	Output-3	none																																
	Output Connections:		D-SUB:	No	DVI-I:	No	DVI-D:	Yes	DVI-A:	No	BNC:	No																													
	Expanding modes for lower resolutions:		Automatic	Full screen	Selectable	1:1 (pixel correct)	keeping aspect ratio, custom zoom																																		
VIDEO Signal	AV	Number of Input:		4	Input-1:	Composite	(shared D-Sub)	Input-2:	S-Video	Input-3:	HDMI	Input-4:	Component (shared D-Sub)																												
		Connections:		RCA(Composite):	No	BNC(Composite):	YES	S-VIDEO:	No	RCA(Comopment):	No	HDMI:	YES																												
		Number of output:		0	Output-1:	None	Output-2:	none	Output-3:	none	Output-4:	none																													



LCD Module



LCD Monitor(MFM & PD)

Conditions of Power Consumption

On mode(max.) : without Speaker ---Maximum loaded

Input signal resolution	UXGA(1600 x 1200@60Hz)
Brightness	100
Option slot	no

On mode(typ.) : without Speaker ---Factory settings

Input signal resolution	Full HD(1920 x 1080@60Hz)
Brightness setting	70
Option slot	no

On mode(max.) : with Speaker ---Maximum loaded

Input signal resolution	UXGA(1600 x 1200@60Hz)
Brightness	100
Sound volume	100
Option slot	no

On mode(typ.) : with Speaker ---Factory settings

Input signal resolution	Full HD(1920 x 1080@60Hz)
Brightness setting	70
Sound volume	40
Option slot	no

On mode(max.) : with Speaker & OPTION slot ---Maximum loaded

Input signal resolution	UXGA(1600 x 1200@60Hz)
Brightness	100
Sound volume	100
Option slot	yes