

MultiSync® LCD3210

32" (31.5" VIS) LCD ideal for digital information applications



Equip your digital display applications with the next generation technology of the 32" (31.5" VIS) NEC MultiSync LCD3210.

This high-performance large-screen LCD's Digital Signage Technology Suite (DSTS) boasts 20+ advanced features to improve screen performance, lower total cost of ownership and enhance display management. The DSTS truly sets the LCD3210 apart, bringing tomorrow's technology to today's large-screen applications.

Markets Served

- ✓ Digital merchandising
- ✓ Airports/flight & baggage information
- ✓ Corporate
- ✓ Quick-service restaurants
- ✓ Medical
- ✓ Financial
- ✓ Theaters
- ✓ Tradeshows
- ✓ Broadcasting
- ✓ many more...

High-definition capable display supports 480i, 480p, 720p and 1080i

DDC/CI enables communication between the PC and monitor for display management, diagnostics and the remote control

6-axis color control engine allows for precise and simplified color, color temperature and saturation adjustment

Self-diagnostic capabilities help detect possible failure points via queries through DDC/CI and RS-232C

Real-time clock allows for content scheduling and monitor sleep/wake management, improving energy savings and extending display life

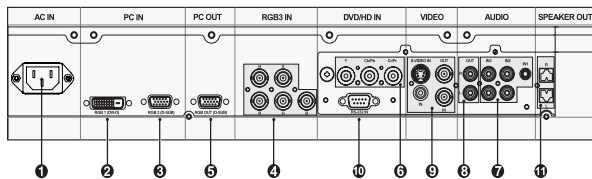
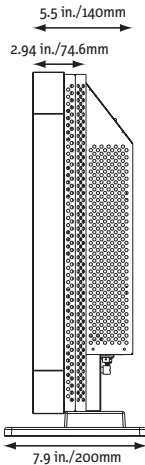
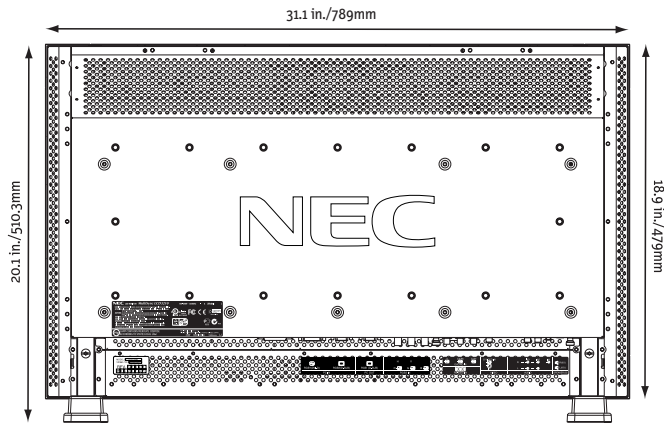
TileMatrix™ allows you to build video walls (up to 16 displays in a 4x4 matrix equalling almost 20 ft. diagonal)

Power save function puts the display in power management mode when a sync or input signal is lost

Brightness control reduces energy consumption and heat generation while extending display life

Screen saver function reduces the risk of image persistence for extended display life

TileComp™ works in tandem with TileMatrix to compensate for the bezel width and create a more seamless video wall



1. **AC IN connector** Connects with the supplied power cord.
2. **RGB 1 IN (DVI-D)** To input digital RGB signals from a computer*
* This connector does not support analog input.
3. **RGB 2 IN (mini D-Sub 15 pin)** To input analog RGB signals from a personal computer or other RGB equipment.
4. **RGB 3 DVD/HD [R, G, B, H, V] (BNC)** To input the analog RGB signals or signals from other RGB equipment. A Sync-on-Green signal can be connected to the G connector.
5. **RGB OUT connector (mini D-Sub 15 pin)** To output the signal from the RGB 2 or 3 IN connector.
6. **DVD/HD CONNECTOR (BNC)** Connecting equipment such as a DVD player, HDTV device or laser disc player. (AV)
7. **AUDIO IN 1,2,3** Input audio signal from external equipment such as a computer, VCR or DVD player. (AV)
8. **AUDIO OUT** Output the audio signal from the selected AUDIO IN source. (AV)
9. **VIDEO INPUT/OUTPUT CONNECTOR (AV)**
VIDEO IN connector (BNC and RCA): Input a composite video signal. BNC and RCA are not available at the same time. (Use only one input).
VIDEO OUT connector (BNC): Output the composite video signal from the VIDEO IN source.
S-VIDEO IN connector (DIN 4 pin): Input the S-video (Y/C separate signal).
10. **EXTERNAL CONTROL (mini D-Sub 9 pin) RS-232C** Input signal from control equipment such as a computer.
In connector: Input signal from control equipment such as a computer or the output from a different MultiSync LCD3210
11. **EXTERNAL SPEAKER TERMINAL** Outputs the audio signal from the selected audio source. (AV)

(AV) Denotes an AV unit function.
All AV functions are enabled when the AV unit is installed.

Model	LCD3210-BK (LCD3210-BK-IT)	
Display	Viewable Size Image Pixel Pitch Pixels Per Inch Brightness (typical) Contrast Ratio (typical) Viewing Angle (typical) Response Time (typical) Display Colors Active Screen Area (W X H) Screen Aspect Ratio	31.5" 0.511 50 @ native resolution 500 cd/m ² 600:1 176° Vert., 176° Hor. (88U/88D/88L/88R) @ CR>10 Rapid Response (18ms) 256 RGB Level, more than 16 million 760 x 450mm 16:9
Synchronization Range	Horizontal Vertical	31.5-91.1 KHz (15,625,15,734 kHz) (Analog) 31.5-91.1 KHz (Digital) 58-85 Hz Analog / 50-85 Hz Digital
Input Signal	Video Sync	ANALOG RGB 0.7 Vp-p / 75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3Vp-p negative 0.7Vp-p positive)
Input	RGB1 RGB2 RGB3 Video 1* Component Video 1 (DVD/HD)* Audio* External Control	DVI-D Analog D-sub Analog BNC Composite RCA or S-Video Component BNC Audio 1 (minijack), Audio 2 and 3 Stereo (RCA) Internal Speaker: None RS232, DDC/CI
Output	RGB Video* Audio* Control Audio Amplifier*	Daisychain RGB3 Daisychain Video1 Daisychain - Selected Audio in RS232 for multiple monitor control 7W x 7W
Resolutions Supported	720 x 400 @ 70-85 Hz 640 x 480 @ 60-85 Hz 800 x 600 @ 50-85 Hz 832 x 624 @ 74.5 Hz 1024 x 768 @ 50-85 Hz 1280 x 1024 @ 50-85 Hz 1600 x 1200 @ 60 Hz (Compressed) 1280 x 768 @ 50-85 Hz 1360 x 768 @ 50-85 Hz NTSC/PAL, SECAM, 4.43NTSC, Pal60 HDTV, 480i, 480p, 720p, 1080i	
Native Resolution	1366 x 768	
Recommended Resolution	1360 x 768 or 1366 x 768	
Additional Features	Power Management, Plug and Play (DDC/CI, DDC2B), PIP (Remote), Multi-level Zoom, FullScan, TileMatrix, TileComp, Screen Saver, Rapid Response, Video Ready (no tuner), Infrared remote control included, removable stand included	
Touch-Capable	Designed for integration	
Voltage Rating	AC 100-120V/AC 220-240V @ 50/60 Hz	
Power Consumption (typical)	On Power Savings Mode	140W <5W
Dimensions (WxHxD)	Net (with stand) Net (without stand)	31.1 x 20.1 x 7.9 in./789 x 510.3 x 200mm 31.1 x 18.9 x 5.5 in./789 x 479 x 140mm
Net Weight	(with stand) (without stand)	37.5 lbs./17 kg 35.3 lbs./16 kg
VESA Hole Configuration Specifications	200 x 200mm (8 hole)/200 x 100mm (6 hole)	
Environmental Conditions	Operating Temperature Operating Humidity Operating Altitude Storage Temperature Storage Humidity Storage Altitude	5-40° C/41-104° F 20-80% 4200m/13,780 ft. -20-60° C/-4-140° F 10-90% 12,000m/39,370 ft.
Regulatory Approvals	UL 1950/CSA C22.2 No. 950/TUV-GS/EN60950/ FCC-B/DOC-B/EN55022-B/EN55024/EN61000-3-2/EN1000-3-3/CE	
Included Accessories	AC power cord, user manual, setup sheet, wireless remote control, batteries, 15-pin RGB cable, CD-ROM, stands	
Optional Accessories	External speakers	
Limited Warranty	3 years parts and labor, including backlight	
Technical Support	24 hours/7 days	

* not available on IT model



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