

# MultiSync LCD200

Model #LA1221JMW

ESP: \$2,999

The new MultiSync® LCD200™ monitor delivers the outstanding performance of NEC's MultiSync CRT monitors in the compact package of an LCD. The MultiSync LCD200 monitor incorporates NEC's own 12" true color active matrix thin-film-transistor (TFT) liquid crystal displays to provide superior display performance and a reduced footprint, ideal for environments with space and weight constraints, while ensuring outstanding image quality and greater compatibility with today's sophisticated computer platforms.

Because the MultiSync LCD200 monitor is completely analog, it does not require special analog-to-digital graphics or interface cards, but can accept RGB input directly. The active matrix TFT LCDs utilized in the MultiSync LCD200 delivers the outstanding display performance users expect out of a CRT without the CRT's form factor. The MultiSync LCD200 follows the tradition of NEC's award-winning MultiSync CRT monitors by ensuring outstanding image quality and reliability.

## Specifications

### Picture Tube/Display:

12.1-inch (12.1" viewable image size), active matrix, thin film transistor (TFT), liquid crystal display (LCD), 0.24 mm dot pitch, RGB vertical stripe color filter arrangement, 200 cd/m<sup>2</sup> white luminance - typical, 150:1 contrast ratio - typical

### Input Video Signal:

ANALOG 0.7 Vp-p / 75 Ohms Positive

### Sync:

Separate sync. TTL level  
Horizontal sync. Positive/Negative  
Vertical sync. Positive/Negative  
Composite sync. TTL level, Positive/Negative  
Sync on Green. Video 0.3 Vp-p Negative

### Display Colors:

Analog Input: Unlimited Colors  
(Dependent upon display card)

### Synchronization Range (Automatic):

Horizontal:

24.8 kHz to 62.0 kHz

Vertical:

53.7 Hz to 85.0 Hz

(Up to 75 Hz for 1024 x 768)

Pixel Frequency:

21.1 MHz to 78.8 MHz

**H Sync Jitter:**

Less than 10% of pixel frequency  
(recommended)

**Resolutions Supported:**

720 x 400, VGA text

640 x 480 @ 60 Hz to 85 Hz

800 x 600 @ 56 Hz to 85 Hz

1024 x 768 @ 60 Hz to 75 Hz

NOTE: Some systems may not support all modes listed.

**Active Display Area (Factory Setting):**

Horizontal: 245.8 mm / 9.7 inches

Vertical: 184.3 mm / 7.3 inches

**Power Supply:**

AC 100 - 240 V worldwide input, 50/60 Hz

**Signal Cable:**

15-pin mini D-SUB male to

15-pin mini D-SUB male

**Dimensions:**

Net:

344 mm (W) x 340 mm (H) x 171 mm (D)

13.5 in (W) x 13.4 in (H) x 6.7 in (D)

Gross:

445 mm (W) x 461 mm (H) x 295 mm (D)

17.5 in (W) x 18.1 in (H) x 11.6 in (D)

**Weight:**

Net:

4.0 kg / 8.8 lbs.

Gross:

6.0 kg / 13.2 lbs.

**Operating Temperature:**

+ 5 degrees C to +35 degrees C

+41 degrees F to +95 degrees F

**Operating Humidity Range:**

80% maximum

**Storage Temperature:**

-10 degrees C to + 60 degrees C

+14 degrees F to +140 degrees F

**Storage Humidity Range:**

85% maximum

**General Limited Warranty:**

1 Year, Parts and Labor

**Power Management:**

IPM (Intelligent Power Manager) System, EPA Energy Star, meets NUTEK based on  
2 power saving modes

**User Controls:**

Power, Brightness, Setting Select, Horizontal and Vertical Position, Image Adjust, Contrast, AccuColor,  
OSM Location, OSM Turn Off, OSM Lock Out, Display Mode,  
Language Select, Factory Preset, Sync Mode Select

**Regulatory Approvals:**

UL 1950, C-UL, FCC Rules Part 15 Class B, Canadian DOC