

MultiSync LCD300

Model #LA1332JSW

ESP: \$4,999

The MultiSync® LCD300™ monitor delivers the outstanding performance of NEC's MultiSync CRT monitors in the compact package of an LCD. The MultiSync LCD300 monitor incorporates NEC's own 13" 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 LCD300 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 LCD300 delivers the outstanding display performance users expect out of a CRT without the CRT's form factor.

Specifications

Picture Tube/Display:

13-inch (13.0" viewable image size), active matrix, thin film transistor (TFT), liquid crystal display (LCD), 0.201 mm dot pitch, RGB vertical stripe color filter arrangement, 200 cd/m² 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: 0.3Vp-p Negative

Display Colors:

Analog Input: Unlimited Colors
(Dependent on display card)

Synchronization Range (Automatic):

VGA

Horizontal:

31.0 kHz to 38.0 kHz

Vertical:

55.0 Hz to 73.5 Hz

Pixel Frequency:

25.175MHz

High Resolution

Horizontal:

59.0 kHz to 78.125 kHz

Vertical:

55.0 Hz to 76.0 Hz

Pixel Frequency:

96 MHz to 126 MHz

H Sync Jitter:

Less than 5% of pixel frequency
(recommended)

Resolutions Supported:

720 x 400, VGA text

640 x 480, VGA 60 Hz vertical refresh
VESA 72 Hz vertical refresh

1280 x 1024 non-interlace

(under 72 Hz vertical refresh)

NOTE: Some systems may not support
all modes listed.

Active Display Area (Factory Setting):

Horizontal: 257.3 mm / 10.1 inches

Vertical: 205.8 mm / 8.1 inches

Power Supply:

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

Current Rating:

0.8 Amps

Signal Cable:

15-pin mini D-SUB male to

5 branched BNC 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:

+10 degrees C to +30 degrees C

+50 degrees F to +86 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 two power saving modes

User Controls:

Power, Brightness, Horizontal Position, Vertical Position, Image Lock, Reset, Sync Mode Select, High Resolution Select

Regulatory Approvals:

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