

LA1421 - 42" LCD TV with Emmy Award Winning Faroudja DCDi®

NIKADA™



NIKADA SMART BUY™ = BEST VALUE FOR THE SMART CONSUMER

NIKADA SMART BUY™ is a program ensuring the highest level of excellence in Quality, Features, Care and Reliability, thus adding the greatest value to the consumers. The program is designed to provide consumers with superior product and ownership experience. There is simply nothing else that provides a better value. The ownership experience begins with a stylish, high performance, high quality product and features set with an exceptional and incomparable warranty. Please see our website <http://www.nikada.com> for further details.

NIKADA LA1421 TFT LCD television is astounding! The 42" LCD TV delivers picture that is bright, rich and remarkably clear with deep contrast. It's the nearly perfect television. Its size, style and our attention to detail make this TV a welcome addition to any room. Color and imagery from DVDs and HDTV are shocking beautiful in impact and clarity. It's just the sort of art you'd love to hang on your wall.

Beyond the technical terms and impressive specifications, one thing in particular defines the NIKADA experience -- your satisfaction. It's designed in, right from the beginning. With NIKADA, you get things that don't show up on the specification sheets – devotion to detail, exemplary styling, a crystalline and vibrant picture, and our On-Site Exchange Replacement Service Warranty.

Features

- **Unique 1 Year On-Site Exchange Replacement Service Warranty** - Strongest in the industry. Hassle-free and designed to maximize ownership satisfaction.
- **Emmy Award Winning DCDi® video processing technology by Faroudja** - Video is analyzed on a single pixel granularity to detect presence or absence of angled lines and edges, which are then processed to produce a smooth and natural looking image without visible artifacts or "jaggies".
- **Advance Film Mode Processing with 3:2 pull-down** - Accurately reproduces film-originated content from video source, with such refinement that jerky motions are eliminated.
- **Cubus Technology** - This technology provides Nikada LCD TVs with faster signal transmission, resulting in brighter and more defined images.
- **ODC (Over-Drive Circuit)** - This technology enhances fast screen response time, further minimizing blurring in fast motion video images.
- **Digital Video Image Enhancement**
- **Moire Cancellation** - This technology eliminates moiré patterning which looks like cross hatching or swirling lines across and image.
- **Non-linear scaling for aspect ratio video conversion**
- **Image enhancement with 2D peaking and CTI (Chrominance Transient Improvement)** - advanced digital image processing further improving horizontal quality of color signal, improving Nikada LCD TV lucidity.
- **CCR (Cross Color Noise Reduction)** - CCR removes cross color artifacts from video sources, delivering consistent, true color every time.
- **Active Color Management™** - This specialized color display technology ensures the highest level of color accuracy on screen.
- **Video Noise Reduction**
- **Motion Adaptive Noise Reduction** - Improves picture quality for off-air material.
- **Edit Correction** – Film content is continuously monitored for any break in sequence caused by "bad edits" and quickly compensates for the most effective reduction in artifacts.
- **TrueLife™ Enhancer** - Non-linear luma and chroma video enhancer brings out details in the picture, producing a more life-like image.

SECTION	SPECIFICATION	DESCRIPTION	
Display	Display Size (Inch)	42" (1,066.8mm) diagonal	
	Aspect Ratio	16 : 9	
	Response Time	12 ms	
	Pixel Pitch	0.227mm x 0.681mm	
	Resolution	1366 x 768	
	Color	16.7M - 8 bit	
	Brightness (cd/m2)	600 cd/m2	
	Contrast Ratio	600 : 1 (GTG); 1200 : 1 (Dynamic)	
	Viewing Angle (CR>10)	Viewing Angle Free (R/L 176, U/D 176)	
	Life Time	50,000Hrs	
System (Color & B-Casting)	NTSC	Yes	
	ATSC	July 2005 Production	
Power	AC Input	100~240V (50, 60Hz)	
	Power Consumption	Total 136W (Typ.) (Logic=4.8W, Lamp=120W)	
Input	Scanning Frequency	Horizontal : 31~80 KHz, Vertical : 56~75Hz, Bandwidth : 5.5MHz (PAL)	
	TV	75ohm Coaxial (Din-Type)	
	Video	(Front) Composite x 1, Component x 2, (Front) S-Video x 1	
	Audio	RCA L/R x 1, Head-phone Output, PC Audio Input	
	DVI	DVI D<IN> (HDCP)	
	PC	Analogue RGB D-Sub, Separated H/V Sync. TTL	
TV Signal	Video Signal	NTSC	
Sound	Sound System (Built-in)	Stereo, 10W/CH.	
	Stereo Type	NICAM	
Text	Teletext	V1.5 100/250 Page	
User Controls	Picture Control	PSM (Picture Status Memory) : Dynamic, Standard, Mild, Game, Users	
	Multi Picture	Picture in Picture (PIP), Picture of Picture (POP), Picture by Picture (PBP)	
	Language	5 Languages (English, French, German, Spanish, Italy)	
Functionality	Scaling	Up/Down Scaling (Up to WXGA)	
	Tuning	Auto Search	
	Screen	HD Ready (1080i x 1920)	
	Interlace	De-interlace / DCDI® by Faroudja	
	Filter	3D Comb-filter	
	Progressive Scan	Content/Motion/Edge Adaptive, Film Mode	
Output	Recommended Resolution	WXGA(1280 x 768, 1366 x 768 pixels)	
Dimensions and Weight	Main Body	45.87" x 4.72" x 25.87" (WxDxH)	58.64 pounds
	Speaker(s)	3.15" x 2.95" x 25.87" (WxDxH)	4.63 pounds
	Stand	27.24 x 11.97" x 9.45" (WxDxH)	9.48 pounds
	Main Body + Stand	52.17" x 4.72" x 28.78" (WxDxH)	68.12 pounds