



**JVC<sup>®</sup>**

The Perfect Experience / —  
/

Show Your True Colors.

**XIVIEW**

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## Show Your True Colors.

The all-new LT-42WX70, the first model in JVC's innovative line-up of XVIEW displays, features a wide color gamut and a number of outstanding picture-quality technologies to display all the exquisite details available with higher-definition sources such as Blu-ray and Full HD broadcasting.

What truly distinguishes the LT-42WX70 is its extended color gamut which is capable of encompassing 100% of the sRGB color space and offers a coverage rate of 96% for Adobe RGB, making it possible to faithfully reproduce — as an industry first — the striking colors, subtle nuances and unique ambience of D-SLR photographs on a 42-inch screen. The TV also offers a selection from one of the six preset modes that are most suitable for the source such as Photo PRO and Theater.

As its thin and lightweight design allows for flexible installation anywhere, the LT-42WX70 represents a new wave in audio-visual entertainment and selecting it will show everyone your true colors.



# Video

The latest generation of the GENESSA picture engine guarantees the accurate reproduction of natural colors and clear pictures.

▷ **Real Bit Driver:** A 12-bit per color (x RGB = 36-bit) processor that up-converts 8-bit\* HD broadcasts and DVD signals into 12-bit Deep Color signals to ensure smoother gradation regardless of the quality of the original source signal.



▷ **Intelligent Clear NR (3D):** Effectively reduces noise without motion blur by detecting picture noise in each of the 16 frequency areas in real-time. It also adjusts the amount of noise reduction as required without adversely affecting the original picture.



▷ **Intelligent Color Management:** This new and original algorithm increases visual sensitivity naturally for colors in areas that the viewer focuses on. It analyzes the color distribution in each frame of the input signal in real-time to perform high-level processing for those areas to create images with vividly realistic colors and textures as well as more presence.

▷ **120Hz Clear Motion Drive III:** JVC's 120Hz Clear Motion Drive III anti-blurring technology significantly reduces motion blur in LCD TV images with rapid motion by utilizing a high-precision interpolation algorithm to double the amount of frame rate. A real-time, motion-estimated Hadamard 3D noise reduction system is also utilized to eliminate noise while maintaining the realism and sharpness of the original picture.



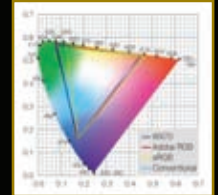
▷ **x.v.Color™:** x.v.Color™ technology ensures accurate color reproduction while enhancing detail and hues to create more natural images that are as true as the eye can perceive. (x.v.Color and its logo are registered trademarks.)

▷ **Precisely Adjusting the Picture Quality:** To achieve the preferred colors of connected sources individually, the LT-42WX70 features 52 on-screen image quality adjustment properties that allow the fine-tuning of colors, tint, gamma, and more, regardless of whether the source is a movie or still photograph.

*\*The quantity of bits will vary depending on the source.*

# Pro Photography

▷ **Wider Color Gamut and Adobe RGB Compatibility:** The LT-42WX70's wider color gamut ensures that every digital still photograph taken using sRGB or Adobe RGB color space will be faithfully reproduced. Depending on the source signal — video or stills — the user can select a color mode from Wide (the LCD's color space), Normal (ITU-R BT.709, HDTV standards), x.v.Color (xvYCC extended gamut), sRGB (same primaries as HDTV) and Adobe RGB, with the latter two designed especially for viewing digital still images.



▷ **Immediate Reproduction:** The LT-42WX70 comes with an array of terminals for viewing both video and still images including an HDMI terminal. Connecting the TV directly to a D-SLR camera via an HDMI connection allows images to be reproduced immediately after they are taken.



▷ **Individual Gamma Curve Adjustment Prior to Shipping:** In order to ensure accurate gradations regardless of the manufactured lot, as well as consistent and faithful color reproduction when displaying photographs, JVC's Individual Gamma Curve Adjustment calibrates each panel's grayscale tones to gamma 2.2 before shipping.

# User & Eco-friendliness

▷ **Slim and aesthetically appealing:** The LT-42WX70 is a first of its kind, slim and lightweight with supplied detachable speaker bar it also features a leather textured bezel and full function remote for a very rich look.

▷ **Eco Mode:** Screen brightness is automatically adjusted according to ambient light levels in the room, which helps to alleviate eye fatigue and reduce power consumption to save energy.

▷ **Environmental friendliness:** The LT-42WX70 exceeds Energy Star 3.0 with 175W average in use and 0.7W standby. Packaging and design also yield these significant reductions (compared to JVC LT-42P300):

- Reduced weight by 20%
- Smaller carton 35% (by vol.)
- Smaller packing materials 25% (by vol.)



# LT-42WX70



Specifications		LT-42WX70
Diagonal Screen Size		42" Class (42.0 diagonal) Monitor
Resolution		1920 x 1080 (Full HD)
Aspect Ratio		16:9
Viewing Angle		Horizontal 178° / Vertical 178°
Speakers		10W + 10W (RMS)
Input Terminal	HDMI Component Composite PC (D-Sub 15-Pin)	Input x 3 (CEC) Input x 1 (shared with PC in) Input x 1 (shared with PC in) Input x 1 (with 3.5mm audio mini jack)
External Control	RS-232C	Yes
Panel (WxHxD) in. / (mm)		39 x 23 5/8 x 1 3/4 / (990 x 599.8 x 42.5)
Panel w/Stand (WxHxD) LOW in. / (mm)		39 x 26 x 6 3/4 / (990 x 662 x 42.5)
Panel w/Stand (WxHxD) MID in. / (mm)		39 x 27 1/8 x 6 3/4 / (990 x 689.3 x 42.5)
Panel w/Stand (WxHxD) HIGH in. / mm		39 x 28 1/4 x 6 3/4 / (990 x 716.8 x 42.5)
Panel weight		26.4 lbs. / 12.0 kg.
Panel w/Stand weight		39.2 lbs. / 17.8 kg.
Panel w/Stand and speaker weight		41.8 lbs. / 19.0 kg.
VESA Compliant		400 x 200
ENERGY STAR Compliant		Yes
Energy Consumption		175W average / 0.7W standby

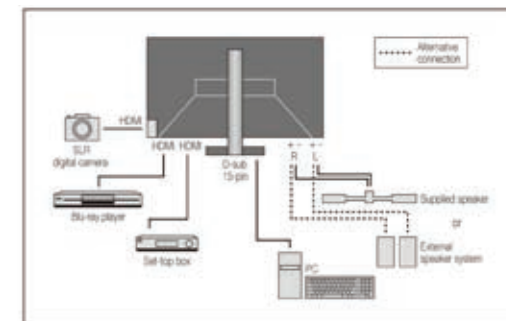
Input Signal	HDMI	VGA60, 480i, 480p, 576i, 576p, 720p60/50, 1080i60/50, 1080p60/50/30/25/24
	Component*	480i, 480p, 576i, 576p, 720p60/50, 1080i60/50, 1080p60/50/30/25/24
	Composite*	NTSC3.58/4/43, PAL/50, PAL/60, PAL-M, PAL-N, SECAM
	PC (RGB)	VGA, WVGA, SVGA, XGA, WXGA, SXGA, 1280x720, 1920x1080
PC Input Frequency		Vertical 56.42Hz ~ 75Hz Horizontal 24.83KHz ~ 67.5KHz

\*Some signals may not be displayed properly even if their format is in the list above.

## Features

- 1920 x 1080 (Full HD) Slim Panel Monitor
- 50,000:1 Dynamic Contrast Ratio
- Wide Color Spaces: sRGB 100%/Adobe RGB 96% coverage
- Gamma 2.2 Pre-adjusted LCD (with 6 preset modes)
- 120Hz Anti-blurring Clear Motion Drive III
- x.v.Color
- New GENESSA Engine
- Real Bit Driver (12-bit Signal Generator: x RGB = 36-bit)
- Natural Cinema (3-2 Pull-down)
- Intelligent Clear NR (Motion-estimation Hadamard 3D NR)
- Intelligent Color Management
- 52 Manual Picture-quality Adjustment Properties (Video/Still)
- Touch Sensor Panel Operation
- Supplied with detachable speaker with 10W + 10W output (RMS)
- Swivel Stand with 3-step Height Adjustment
- Multi Voltage 100V-240V, 50Hz/60Hz
- Remote with Direct Input Buttons
- Energy Star Compliant

## Model Connection Capabilities



The LT-42WX70 comes with an array of terminals to enhance connectivity such as 3 HDMI, a PC input that can be used as a component or composite terminal via the supplied conversion cable and audio L/R jacks for the supplied speaker or connection to an external speaker system.

### NOTES

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