

# JVC®

The Perfect Experience / —

## New Product News

# HD-P70R1U

70" WIDESCREEN HD-ILA REAR  
PROJECTION TV



**When Your Image Counts, Count on Our Image.  
Professional HD-ILA in a Space-Saving Design.**

- Full HD (1920 x 1080) Compatibility for Extreme Resolution
- 3-Chip D-ILA for High Brightness and High Contrast Picture
- D65 Color Temperature Standard for Faithful Color Reproduction
- RS-232C Control Available via D-Sub 9-Pin Terminal
- Slim, Compact Design for Easy Installation
- HDMI™ Input for Uncompressed, All Digital Interfacing
- Built-in ATSC Tuner and CableCARD Slot

### Full HD (1920 x 1080) Compatibility

Thanks to the newly developed HD D-ILA devices, the native resolution of the HD-P70R1U is 1920 x 1080, the extreme HD resolution available today for home theater applications. This makes the system suitable not only for high-end home theater use but also for critical viewing venues such as museums and post-production screening rooms.

### 3-Chip D-ILA Technology

HD-ILA employs D-ILA, JVC's proprietary reflective technology that boasts the best brightness available today. D-ILA microchips are a highly sophisticated form of LCOS, and require virtually no space between each pixel, enabling the chips to yield the highest aperture ratio (reflective area) producing the highest brightness, contrast and resolution. The HD-P70R1U combines the use of a single high-power user-replaceable lamp, three vertically oriented D-ILA microchips (1920x1080, one for each RGB color), a precision focus lens, and an exclusive polarized beam splitter to create highly accurate colors without the annoying rainbow effects produced by single chip projectors. D-ILA microchips also have a unique inorganic alignment layer that provides longer device life and optimum performance in all operating conditions. You can always count on images superior in resolution, contrast, brightness, grayscale, and color reproduction.

### D65 Color Temperature Standard

JVC's unique optical engine produces rich, natural colors with smooth gradations and low noise. By setting the color temperature at the D65 standard, source media can be faithfully reproduced with the same gradations as the original picture. A unique optical filter permits pin-point D65 calibration that maintains constant contrast in each color channel. Color gradations are natural and consistent all the way from absolute black to absolute white.

### RS-232C Control

The HD-P70R1U is equipped with RS-232C serial control port to allow external computerized control for professional applications. A host of variables such as H/V positioning, contrast, brightness, tint, and much more including audio functions, can be fine-tuned to meet your specific needs.

### Slim, Compact Design

The thin frame and reduced depth of the HD-P70R1U simplifies installation and makes it ideal for use in a variety of situations where space availability may be limited.

### HDMI™ Input

HDMI is the first industry-supported, uncompressed, all-digital audio/video interface. By connecting an HDMI-compatible device such as some DVD players and D-VHS devices, high definition pictures can be displayed on the HD-P70R1U in their digital form.

*HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.*

### ATSC Tuner / CableCARD Slot

A built-in ATSC tuner allows you to receive over-the-air digital broadcasts. The CableCARD slot eliminates the need for a set top box to descramble local cable programming (depending upon cable operator availability).

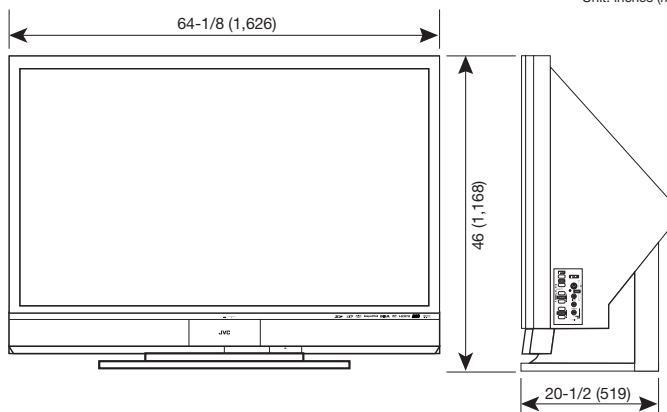
## Specifications

Type	HD-ILA Device Projection
Reception Format	NTSC, BTSC System (Multi-Channel Sound) ATSC Terrestrial, Digital Cable
Reception Range	VHF 2 to 13, UHF 14 to 69 CATV 135 Sub, Mid, Super, Hyper and Ultra bands (191 channel frequency synthesizer system) • Reception of channel A-5 ("95" of the TV set's on-screen cable channel numbers) is not recommended for your TV set.
Power Source	AC 120V, 60 Hz
Power Consumption	220W
Projection Source	110W High-Pressure Mercury Lamp
Screen Size	70 inch measured diagonally, 16:9 ratio
Speakers	10 cm round X 2
Audio Output	Full Range - 10W + 10W
Antenna Terminal (VHF/UHF, ATSC/DIGITAL CABLE IN)	75 ohms (VHF/UHF)(F-type connector)
External Input Jacks	Video: 1 Vp-p, 75 ohms Audio: 500mVrms (-4dBs) high impedance
Component Input Jack	Y: 1 Vp-p positive, 75 ohms (negative sync provided) Pb/Pr: 0.7 Vp-p, 75 ohms
S-Video Input Jacks	Y: 1 Vp-p positive, 75 ohms (negative sync provided) C: 0.286 Vp-p (burst signal), 75 ohms
Monitor/Recording Output	Video: 1 Vp-p, 75ohms Y: 1 Vp-p positive, 75 ohms (negative sync provided) C: 0.286 Vp-p (burst signal), 75 ohms Audio: 250mVrms (-10dBs) Fs-18dB Low Impedance
Audio Output Jacks (VARI/FIX)	VARI: More than 0 to 1000mVrms (+2.2dBs) FIX: 500mVrms (-4dBs) Low impedance (1000 Hz when modulated 100%)
Optical Output Digital Audio	Digital Out (optical) x 1
i.LINK In/Out Jack	TS IN/OUT (4-pin, S400) x 2 IEEE1394 compliant DTCP digital copy protection compatible
AV CompuLink III Jack	3.5 mm mini jack x 1
PC Input Jack	Analog RGB D-SUB (15 pin) x 1, RS-232C (9 pin) x 1 • PC signal is available: compatible with VGA or XGA

Digital-In	HDMI jack x 2 Note: The Digital-In terminal is not compatible with picture signals of a personal computer
Readable Cards	SD Card, MMC, CompactFlash Card, Removable Microdrive Hard Disk for JVC Digital Media Camera "Everio" (a type of CF card), Memory Stick, xD-Picture Card
Dimensions; W x H x D, inch (mm)	64-1/8 x 46 x 20-1/2 (1,626 x 1,168 x 519)
Weight, lbs (kg)	159 (72)
Accessories	Illuminated remote control unit x 1 / AA batteries x 2 Two-way Splitter x 1 / RF Cable x 2
Optional Stand	RK-CEXL6-P Floor stand for 70-inch rear projection TV Dimensions (WxDxH) 68" x 30-1/4" x 6-1/4" Weight: 112 lbs

### DIMENSIONS

Unit: inches (mm)



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