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-DILA devices, the native resolution of the HD-P61R1U 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-P61R1U 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 D6 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.

**Specifications**

**Type** | HD-ILA Device Projection
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**Reception Format** | ATSC, NTSC System (Multi-Channel Signal) NTSC, ATSC Terrestrial, Digital Cable
**Reception Range** | VHF 2 to 13, UHF 14 to 69, CATV 135 Sub, Kids, Super, Hyper, and Ultra bands (191 channel frequency synthesizer system)
**Screen Size** | 110W High-Pressure Mercury Lamp
**Power Consumption** | AC 120V, 60 Hz
**Projection Source** | 215W
**Screen Size** | 110W High-Pressure Mercury Lamp
**Audio Output** | 81 inch measured diagonally, 16.9 ratio 60 Hz
**Component Input Jacks** | 60 Hz
**Audio/Video Input Jacks** | Audio: 1 Vpp, 75 ohms Video: 1 Vpp, 75 ohms
**Antenna Terminal** | Audio: 500mVrms (-4dBs) high impedance Video: 1 Vpp, 75 ohms
**Component Input Jacks** | Audio: 0.286 Vp-p (burst signal), 75 ohms Video: 1 Vpp, 75 ohms
**Monitor/Recording Output** | Audio: 200mVrms x 100dBxFix (burst signal), 75 ohms
**Audio Output Jacks** | Audio: 200mVrms x 100dBxFix (burst signal), 75 ohms
**Audio Output Jacks (HDMI/FIN)** | Audio: 200mVrms x 100dBxFix (burst signal), 75 ohms
**Optical Input Digital Audio** | Audio: 200mVrms x 100dBxFix (burst signal), 75 ohms
**RS-232C Control** | Audio: 200mVrms x 100dBxFix (burst signal), 75 ohms

The HD-P61R1U 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-P61R1U 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-P61R1U in their digital form.

**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).

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