

# JVC

The Perfect Experience / —  
/ —

JVC Professional Plasma Display Series  
**CON-50PDP** 50" W-XGA  
**CON-42PDP-XGA** 42" XGA  
**CON-42PDP-VGA** 42" VGA



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*There is an elegance and a simplicity offered by this new series of three plasma display panels. Professional in design, performance and finish, all three models share the same style, functionality and connectivity. Unusual for truly professional models, they even embrace off-air TV tuning, not once but twice, to provide side-by-side reception in PIP mode.*

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- Simple installation. No accessory wall bracket required.
  - Accepts all types of signals: analogue and digital, HD and SD video, progressive and interlaced, PC data from UXGA to VGA.
  - Plethora of input connectors, including DVI with HDCP.
  - Elegant design, subtle finish, yet very robustly engineered.
    - Graceful desktop stand, having glass base with swept, angled supports
    - Beautifully finish to the front bezel and the metal casing to the rear
    - Rugged, all-metal chassis and frame, yet remaining surprisingly light
  - Reduced overall installation costs
    - No wall mounting bracket required. Uses standard wall bolts
    - Desktop stand provided as standard
    - 4 built-in speakers. Accessory speakers are not essential
    - 2 off-air TV tuners built in. No extra expense of tuner(s)
  - IR Remote Control, multifunctional with clear and logical on-screen menus
    - Intuitive to operate. All-round IR access via dome receptor
  - All three models identical in concept, connectivity and functionality
  - Display front is without intrusive badge or branding
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# JVC Professional Plasma Display Series

## CON-50PDP



50" W-XGA  
8,000:1 contrast ratio  
UXGA, 1080i, 720p input  
HD Ready  
DVI and analogue inputs

## CON-42PDP-XGA



42" XGA  
6,000:1 contrast ratio (PAL)  
UXGA, 1080i, 720p input  
HD Ready  
DVI and analogue inputs

## CON-42PDP-VGA



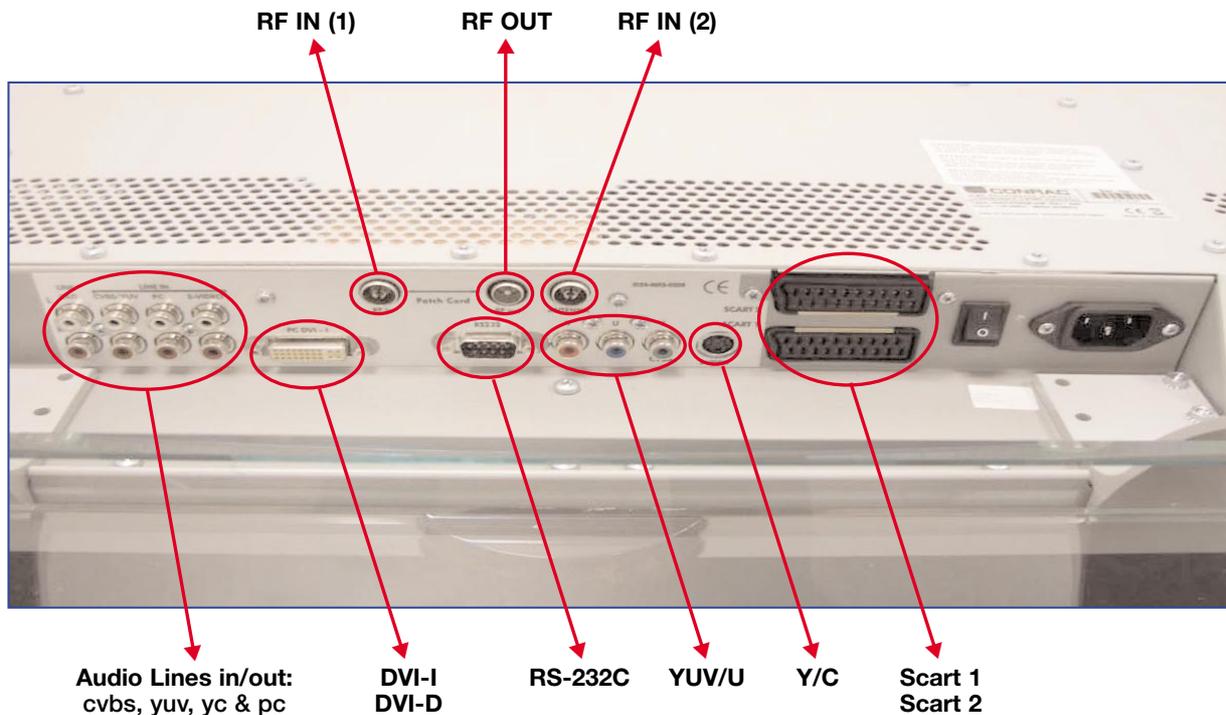
42" VGA  
6,000:1 contrast ratio (PAL)  
UXGA, 1080i, 720p input  
DVI and analogue inputs

### Connectivity

From the point of view of signal inputs, the three panels have been

flexibly designed to fit into every conceivable, state-of-the-art display environment in both the professional and entertainment

arenas, accommodating video and data from the highest to lowest forms.



### HD Video

All the main forms of current High Definition video are accepted via the DVI port: 720p, 1080i, 576p and 480p.

### DVI-I (and DVI-D) with HDCP

Being equipped with a DVI-I input socket means that the plasma

displays accept not only the digital-only DVI-D connector but also the mixed analogue & digital DVI-I connector.

The built-in HDCP codec allows the encrypted type of DVD to be played.

### Wide range of inputs

Designed to operate with every conceivable type of current display source, digital or analogue:

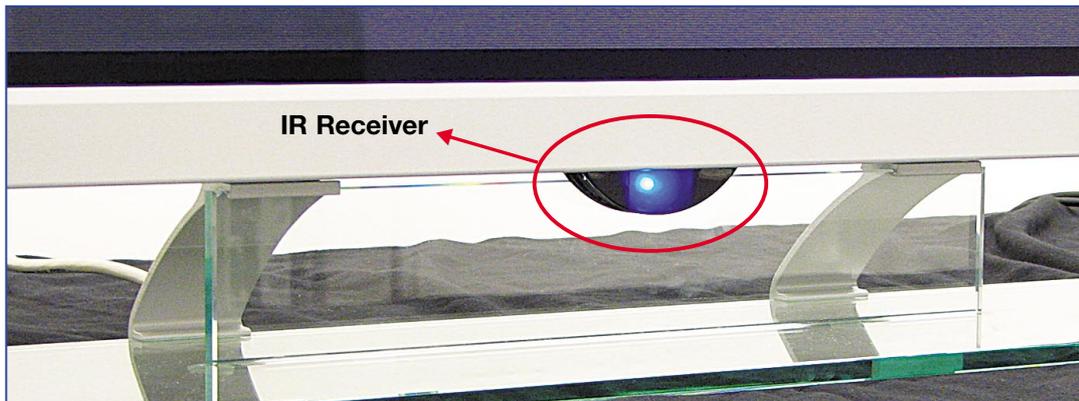
- SAT tuner, off-air signal, PC & laptop, VCR, Hard Disk player, DVD recorder, HiFi sound, standard audio.

### IR remote control handset - easy-to-use and multi-functional

The remote control panel and the on-screen menus have been designed for ease of use.

The physical design and location of the IR receiver, being a dome attached to the underside of the chassis, gives maximum line-of-sight access for the IR beam.

- Multi-functional
- Intuitive
- All-round IR accessibility



### RS-232C remote control operation

For installations where the display panels need to be remotely controlled by direct cable connection, an RS-232C control port is provided. The protocol is available from JVC.

### Silent operation – no fan, so no fan noise

Designed to allow natural airflow to do the necessary cooling, the PDPs do not require a cooling fan to be fitted. So it is that these displays can never be accused of providing unwanted background audio.

### Space-saving design with direct mounting, flush to the wall

Two standard fixing bolts of the appropriate strength are all that is required to attach the PDP to a wall.



Location points for wall mounting. No special wall accessory bracket needed.

### Reduced overall installation costs

The overall installation costs will in many applications and environments be reduced by some of the PDPs' standard features and accessories:

- No purpose-designed wall mounting bracket is required because the rear panel is fitted with two recessed locating points for bolts or

hook devices, Standard wall bolts are recommended.

- An elegant glass & metal desktop stand is provided as standard, where wall-mounting is not appropriate for the installation.
- Four built-in speakers. Accessory speakers will not be required in medium to large sized room installations, since

the audio volume from the four built-in speakers will be quite adequate for perfect listening.

- Two off-air TV tuners have been built in to the PDPs to provide the facility for watching two broadcast TV channels simultaneously, without the need for separate investment in tuners.

## Technical Specifications:

	CON-42PDP-VGA	CON-42PDP-XGA	CON-50PDP
<b>Display</b>			
Technology	PDP		
Diagonal	106cm (42")	107cm (42")	127cm (50")
Aspect Ratio	16:09		
Active Screen Dimensions	920mm x 518mm		1106mm x 622mm
Contrast Ratio (typical)	6000:1 (PAL), 10000:1 (NTSC)		8000:1
Colours	16.8 million		
Viewing Angle	160° vertical and horizontal		
Brightness (typical)	1300 cd/m <sup>2</sup> (PAL), 1500 cd/m <sup>2</sup> (NTSC)	1100 cd/m <sup>2</sup>	1000 cd/m <sup>2</sup>
Resolution (pixels)	W-VGA (852 x 480)	XGA (1024 x 768)	W-XGA (1366 x 768)
Picture-In-Picture	PIP / Multi PIP		
<b>Inputs</b>			
Y / Pr / Pb	1 x Progressive Scan		
SCART 1 and SCART 2	CVBS, RGB and CVBS, Y/C		
Composite, CVBS	1 x		
Y/C	1 x		
DVI-I	1 x Analogue RGB Digital DVI-D & I with HDCP HDTV (720p / 1080i / 576p / 480p)		
<b>Remote Control</b>			
IR receiver and handset	Yes		
RS-232C control	Yes		
<b>Tuner</b>			
RF-Tuner	Double tuner		
Programme Memory	99		
TV-Standard	PAL / SECAM BG, I, DK/K, L/L		
Teletext	TOP / FLOF / Level 2.5		
Page Memory	2100		
<b>Audio</b>			
Stereo/Dual Channel	0 / 0		
Power Rating	10W / 7W@80hm		
Loudspeaker	2 x 2 Broadband		
Stereo Line Output	1 x Cinch		
Loudspeaker Output	-		
<b>Power Supply</b>			
Power Supply	230V AC ± 10%		
Line Frequency	50/60Hz		
Power Consumption, Stand by	300W typical, 5W	350W typical, 5W	450W typical, 8W
<b>Dimensions &amp; Weight</b>			
Panel (W x H x D)	1041 x 637 x 89.5 mm, 29.9 kg		1226 x 736 x 98 mm, 46 kg
Complete monitor (W x H x D) *incl. desktop stand	1041 x 728 x 204 mm*, 34.7 kg*		1226 x 827 x 224 mm*, 53 kg*

Technical specifications subject to change without notice - Made for JVC Professional Europe in Germany by CONRAC



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