

SONY[®]

Video Presentation Stand

VID-P300



YMO

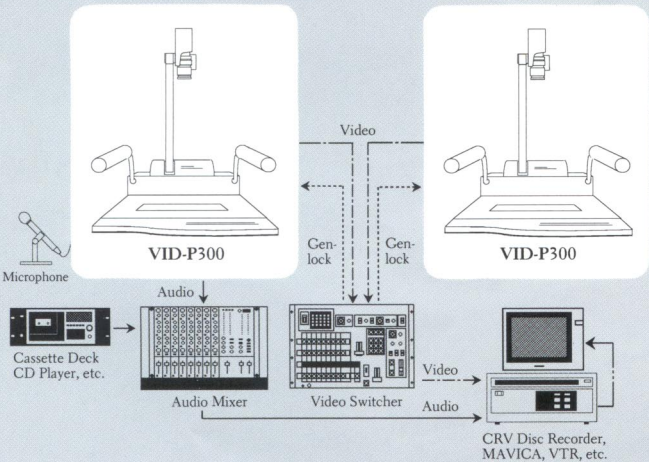
Sony introduces the VID-P300 Video Presentation Stand, which delivers superb picture quality with high resolution together with excellent functions and operational convenience. The VID-P300 incorporates Sony 3-CCD Color Video Camera with high F5.0 (NTSC model) or F5.6 (PAL model) at 2000 lx sensitivity and 720 TV line resolution for superior quality images. An RGB output capability allows full advantage to be taken of this remarkable picture performance. Furthermore, an RS-232C interface port, genlock capability, built-in back light and fully automatic operation ensures excellent operational convenience.

With its host of advanced user features and outstanding picture quality, the VID-P300 is ideal for applications as diverse as video capturing for scientific research and analysis, still video filing at post production houses, video conferencing applications and high quality presentations for business and education.

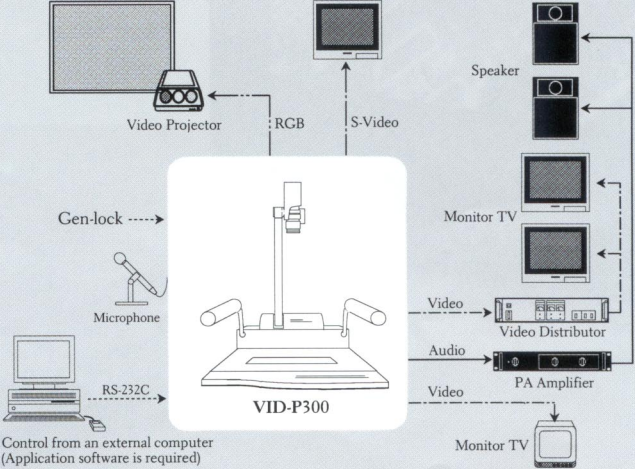


System Configuration

Video Capturing System



Video Presentation System



Features

Superior Picture Quality Realized with 3-CCD Camera

The VID-P300 incorporates Sony 3-CCD Color Video Camera. These 3 1/2-inch IT (Interline Transfer) Hyper HAD (Hole Accumulated Diode) CCD cameras have 380,000 (NTSC model) or 440,000 (PAL model) effective picture elements. The unique on-chip microlens technology of these advanced imaging devices gives the high sensitivity (F5.0 in the NTSC model or F5.6 in the PAL model) at 2000 lx, while their HAD sensor structure dramatically reduces smear levels. This means that pictures of the highest quality can be captured in low light, bright light and indeed all difficult lighting conditions. With the high packing density of the CCD image sensors and their accurate Spatial Offsetting, a remarkably high horizontal resolution of 720 TV lines is achieved. The combination of Hyper HAD technology and advanced video processing results in an excellent signal-to-noise ratio of 58dB (NTSC model) or 56dB (PAL model).

RGB Signal Output Capability

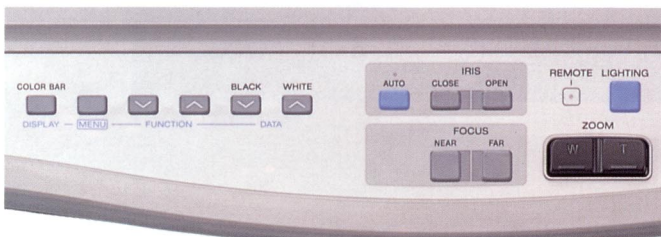
The VID-P300 is ideally suited to an RGB environment. Equipped with a selectable separate sync and sync on green channel connector, the VID-P300 is able to supply high quality RGB signals for a wide range of applications. For example these signals, combined with a TV monitor, create an analysis system or, with a video projector, a high quality presentation system.

S-Video Signal Output Capability

An S-video output connector is also provided which means that other equipment with S-video connectors can easily interface with the VID-P300.

12-Times Powered Zoom Capability

The VID-P300 has a lens with a x12 zoom range. Excellent picture quality of close-up and long shots can be realized with smooth zoom control over this range. Objects from the size of a 35mm film frame to 360 x 270mm (14 1/4 x 10 3/4 inches) can be clearly shown on a monitor.

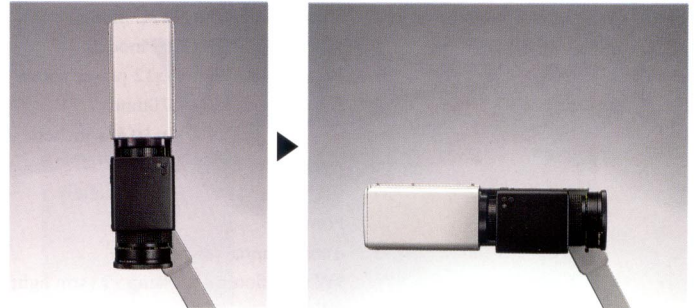


External Sync Lock Capability

The VID-P300 is capable of accepting external sync signals through the GEN LOCK IN connector on the rear panel. This allows the VID-P300 to be operated with an incoming reference signal from another piece of equipment.

Flip-Up Camera Head

A flip-up mechanism allows the angle of the camera head to be easily changed through 90 degrees backward. This allows, for example, large graphic panels mounted on the wall of a room to be viewed, or even the whole of the room to be seen.



Built-In Back-Light Function

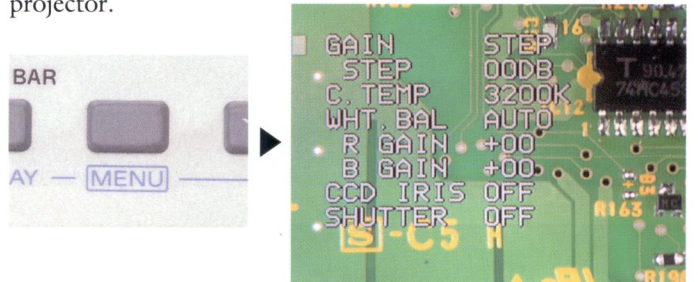
The VID-P300 has a back-light function which allows transparent sheets or slides to be displayed clearly on a monitor.

RS-232C Interface For Control From a PC

The VID-P300 is equipped with an RS-232C interface connector on its rear panel, allowing the unit to be controlled from a PC (Personal Computer).

MENU Screen

The following camera settings can be easily adjusted in the MENU screen displayed on a TV monitor or a video projector.



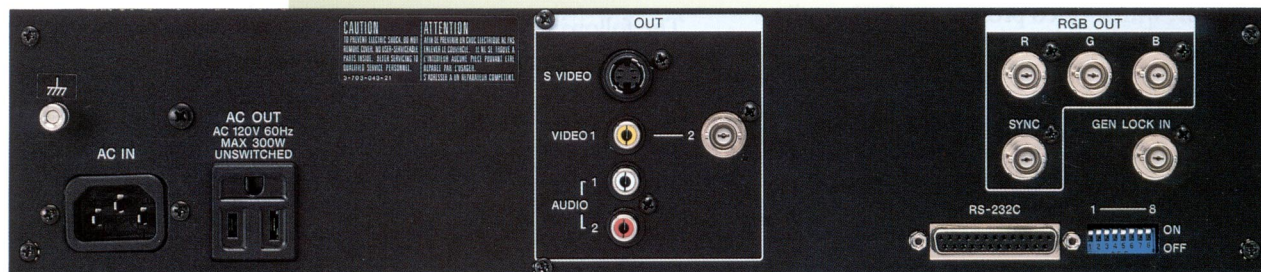
Menu Item	Settings
GAIN (video gain)	AGC/STEP
STEP	0 to 18dB
C. TEMP (color temperature)	3200K/5600K
WHT. BAL (white balance)	AUTO/MANU
R. GAIN	-99 to +99
B. GAIN	-99 to +99
CCD IRIS	ON/OFF
SHUTTER (electronic shutter)	OFF/STEP/MANU
STEP	FL or 1/125 to 1/1000 sec
MANU (manual)	In frames (NTSC): In FLD mode, 255 to 001 In FRM mode, 256 to 002 In frames (PAL): In FLD mode, 255 to 001 In FRM mode, 256 to 002
M. PED (master pedestal)	-99 to +99
DTL (detail)	-99 to +99
H. PHASE (horizontal phase)	-99 to +99
SC (subcarrier phase)	-99 to +99
0/180	0/180
GAMMA (gamma compensation)	ON/OFF
G. SYNC (G with sync)	ON/OFF
FLD/FRM (field/frame)	FLD/FRM

Specifications

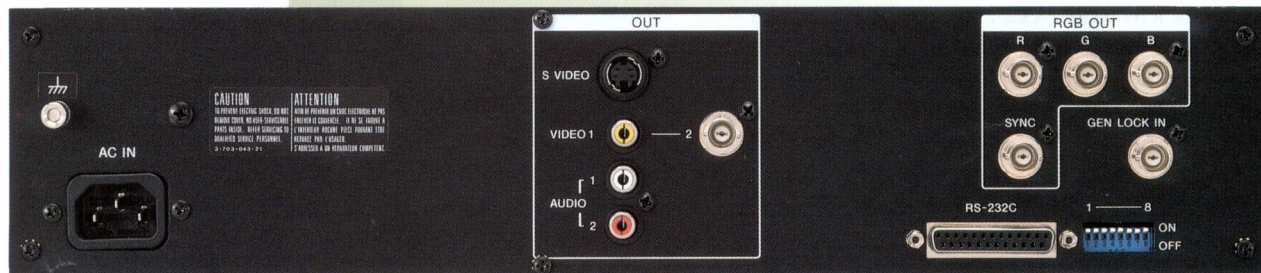
Pickup device:	1/2 Interline-transfer 3-CCD
Picture element:	768(H) x 494(V) (NTSC model) 752(H) x 582(V) (PAL model)
Horizontal resolution:	More than 720TV lines (Both NTSC and PAL models)
Sensitivity:	F5.0 (NTSC model), F5.6 (PAL model) at 2000lx, 3200K
Signal-to-noise ratio:	More than 58dB (NTSC model) More than 56dB (PAL model)
Lens:	F1.4, f=7.5 - 90mm, x12 power zoom
Shooting area:	Zoom wide: 360 x 270mm (14 1/4 x 10 3/4 inches) Zoom tele: 31.5 x 23.5mm (1 1/4 x 15/16 inches)
Focus:	Powered
Iris:	Auto/Manual (selectable)
Lighting:	9W twin flourescent lamp x2 (arm light) 8W flourescent lamp x2 (back light)
White balance:	Auto/Manual (R GAIN, B GAIN)
Inputs:	Gen-lock (BNC x1) 75 Ω sync negative Microphone (Phone x1) Input impedance: 3.3k Ω level: -60dBu, unbalanced

Outputs:	Video (Phono x1, BNC x1) 1Vp-p, sync negative S-video (4-pin mini DIN x1) Y: 1Vp-p, 75 Ω sync negative C: 0.286Vp-p, 75 Ω (NTSC) 0.3Vp-p, 75 Ω (PAL) RGB (BNC x4) RGB: 0.7Vp-p, 75 Ω SYNC: 2Vp-p, 75 Ω Audio (Phono x1) Impedance: Less than 600 Ω Level: -10dBu, unbalanced AC outlet: (NTSC model only) Max. 300W unswitched x1
Remote:	25-pin female complying with RS-232C
Power requirements:	AC 120V, 50/60Hz (NTSC model) AC 230V, 50/60Hz (PAL model)
Power consumption:	35W
Dimensions:	Approx. 572(W) x 912(H) x 620(D)mm (22 5/8 x 36 x 24 1/2 inches) Approx. 446(W) x 237(H) x 740(D)mm (17 5/8 x 9 3/8 x 29 1/4 inches) (when folded)
Mass:	12.7kg (28 lb)
Supplied accessories:	AC power cord x1 Operation manual x1 Interface manual x1

Rear Panel



NTSC model



PAL model

Design and specifications subject to change without notice.

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