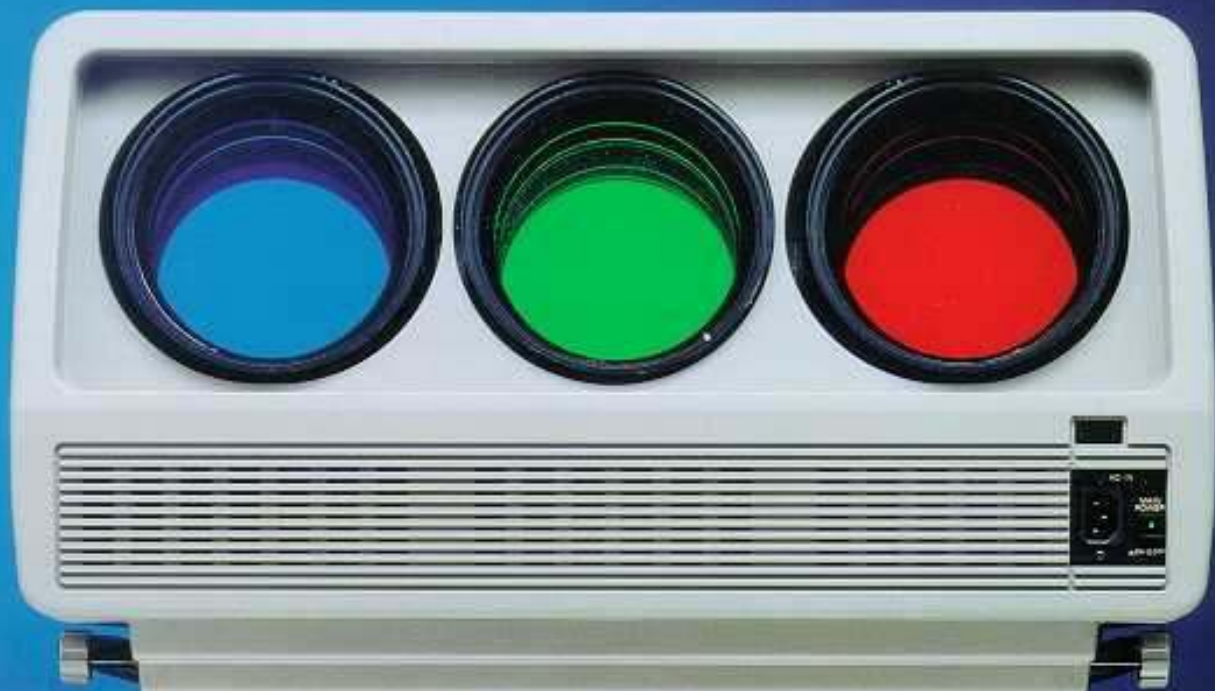


SONY[®]

Multiscan Projector

VPH-1272Q/1252Q

SuperData EX SuperData

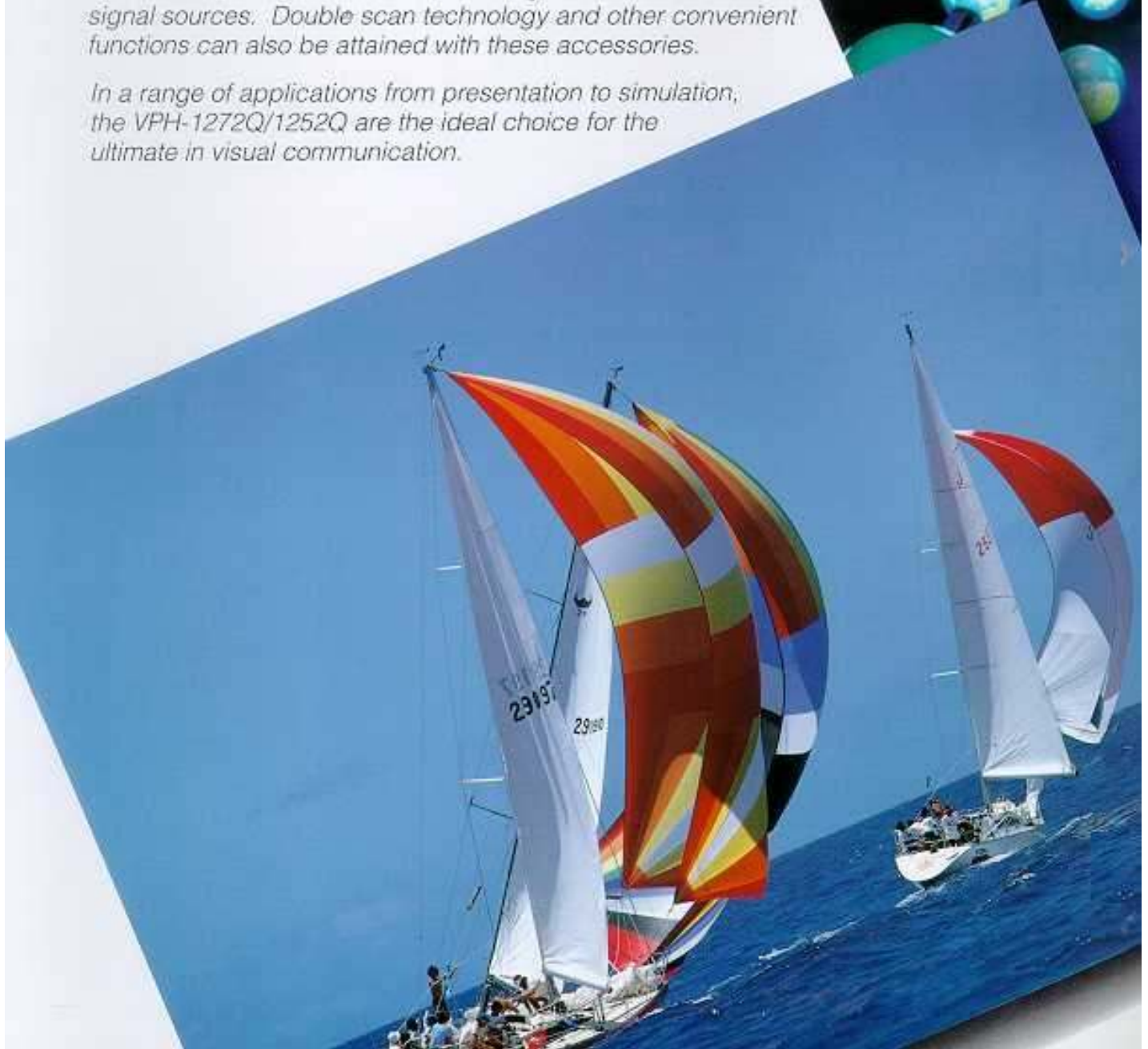


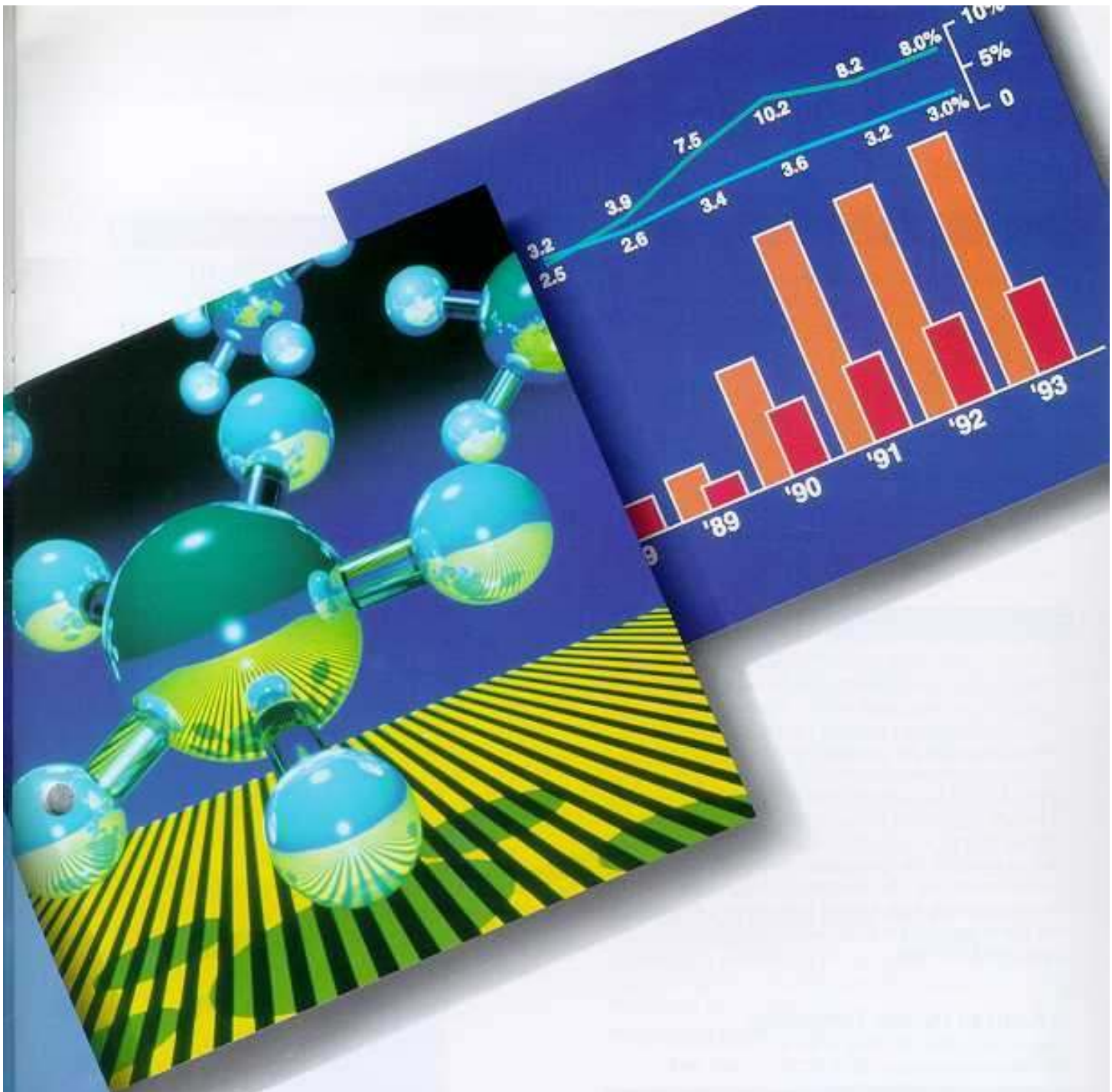
Electronic media has revolutionized the way in which we communicate and visualize ideas. To enhance the efficiency of such media to the maximum extent, large screen projection systems have come to play even more significant roles in many fields. The Sony VPH-1272Q/1252Q, tailored with its long experience of CRT projector development and multiscan technology, provide clear, bright images for spectacular picture performance.

The VPH-1272Q is a multiscan projector designed to accept a wide variety of input signals which allows it to interface with all types of computers, from basic personal computers to high-end CAD/CAM workstations. The VPH-1252Q multiscan projector is designed to satisfy the basic requirements for a high quality computer display. Incorporating a newly designed CRT, both projectors provide quality images for all input signals ensuring maximum impact.

To enhance the flexibility of a display system, optional accessories such as interface boards, a signal interface switcher and interface cables are available. Combined use of these accessories allows the VPH-1272Q/1252Q to be simultaneously connected to several signal sources. Double scan technology and other convenient functions can also be attained with these accessories.

In a range of applications from presentation to simulation, the VPH-1272Q/1252Q are the ideal choice for the ultimate in visual communication.





VPH-1272Q/1252Q

Features

Superior Picture Performance

High Resolution and Brightness



New 7-inch CRT

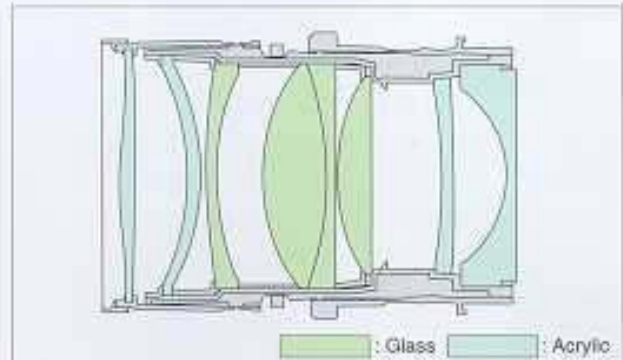
The VPH-1272Q/1252Q incorporate innovative optical and electronic technology to provide a high resolution of 1500 x 1200 pixels (RGB)/700TV lines (composite video) and a high light output of 200 lumens (all white)/700 lumens (peak white). In addition, the VPH-1272Q features an RGB bandwidth of 70MHz, making possible the precise reproduction of high frequency computer graphic images. Both the VPH-1272Q/1252Q incorporate a newly designed CRT. A feature of this new CRT is its greatly improved spot size compared to conventional projectors, which makes possible the clear, crisp display of video and computer signals. Its new green phosphor produces an exceptionally high level of color purity. Whatever the signal source, the VPH-1272Q/1252Q display the best possible image.

Advanced Picture Technology

The incorporation of many of Sony's state-of-the-art technologies gives the VPH-1272Q/1252Q their superior picture performance.

An HACC lens, consisting of four glass and four acrylic lenses, ensures a high contrast, sharp display with minimum thermal drift. Dynamic Focus feature ensures that the best possible focus is obtained over the entire screen - especially at the corners. The VPH-1272Q also supports the precise adjustment of the registration over the entire screen with the 21-point adjustment

feature. An extremely stable high voltage regulation reflected into the projector design, again contributes to a highly accurate display. And the VPH-1272Q/1252Q include advanced video decoder circuits to further enhance video picture quality. Regardless of whether video or computer signals are being input, bright, sharp, accurately focused pictures are displayed.



HACC Lens



Flexibility and Versatility

The VPH-1272Q/1252Q are equipped with composite video and Y/C input connectors, as well as two slots into which optional IFB boards can be installed.** Installing the appropriate IFB board allow the projectors to accept component (Y/R-Y/B-Y) and analog/digital RGB signals in addition to composite video and Y/C inputs. The projectors can, thus, be connected to a wide range of equipment including VTRs, video cameras, personal computers and engineering workstations. The IFB series also include double scanning and index boards for system flexibility. The projection systems can be further expanded by using optional accessories, such as interface switcher PC-1271, interface unit IFU-1271 and signal interface cables SIC series. For example, combining the PC-1271 and IFB series boards allows simultaneous connection of several input sources. The entire display system can be operated using the wireless/wired remote control unit RM-1271 which vastly improves system flexibility.* With variety of peripheral accessories, the VPH-1272Q/1252Q can be configured into a flexible and versatile projection system.

** One IFB-11 (analog RGB interface board) is supplied with the VPH-1272Q/1252Q.

* The RM-1271 is supplied with the VPH-1272Q/1252Q.



Multiscan Capability

To display various high resolution computer graphic signals, the VPH-1272Q covers a wide range of scanning frequencies from 15 to 93kHz horizontally, and 38 to 150Hz vertically. Therefore, the projector can be used with most currently available computers, including engineering workstations. The VPH-1252Q is compatible with horizontal signal frequencies from 15 to 61.5kHz and vertical frequency from 38 to 150Hz. The projectors automatically recognize the input signal frequency and quickly and accurately adjust their scanning rates to that of the input. Regardless of the input signal frequency, precise images can be displayed.

Easy Operation

The wireless/wired RM-1271 remote control unit is supplied with the VPH-1272Q/1252Q for convenient control of the display system. Functions such as input selection, RGB size/shift, centering and picture control can be operated simply by aiming the RM-1271 at either the VPH-1272Q/1252Q or the PC-1271 signal interface switcher. An on-screen display is provided to aid in adjustment/operation of the projectors. The optional wireless/wired remote control unit RM-1270S* is also available to perform simple input selection and to control the main power.

Adjusted picture settings can be stored in memory. Once the setting has been stored, it can be automatically recalled by the projector according to the signal being input. Furthermore, fine adjustment on the memorized data is possible.

* The RM-1270S is supplied with the PC-1271.

Wide Screen Coverage

The VPH-1272Q/1252Q can be used with any screen size between 70 and 300 inches with only a few simple adjustments. A high quality image can be obtained regardless of the screen size, producing the maximum audience impact.

Specifications

Optical

Projection system: 3 picture tubes, 3 lenses, direct projection system

Picture tube: New 7-inch (6.2-inch phosphor size) high luminance monochrome tubes with pure filter, improved gun and new green phosphor

Picture lens: HACC multicoating lenses, F 1.12/140mm

Screen size: 70 to 300-inch measured diagonally (factory preset 120-inch)

Light output: 200 lm (all white)
700 lm (peak white)

Throwing distance: 70-inch: 2047mm (8 ft 9 inches)
120-inch: 3279mm (11 ft 9 inches)
200-inch: 5334mm (17 ft 6 inches)
250-inch: 6635mm (21 ft 10 inches)
300-inch: 7935mm (26 ft 1 inches)

General

Color system: NTSC, PAL, SECAM, NTSC+42 automatically selected

Resolution: 700TV lines (video in)
1500 x 1200 pixels (RGB in)
VPH-1272Q measured at 1H:74kHz, 1V:60Hz
VPH-1252Q measured at 1H:47kHz, 1V:38Hz

RGB bandwidth: VPH-1272Q: 70MHz (-3dB)
VPH-1252Q: 40MHz (-3dB)

Scanning frequency: Horizontal: VPH-1272Q: 15 to 93kHz
VPH-1252Q: 15 to 61.5kHz
Vertical: VPH-1272Q/1252Q: 38 to 150Hz

Test signal: Hatch (coarse), Hatch (fine), Hatch (fine, invert), Cross hair, Dot pattern, H pattern, Window, Plug, All white (100 IRE)

Speaker: Max. 3W, 8Ω, monaural

Power requirements: AC 120V, 50/60Hz

Power consumption: VPH-1272Q: Max. 560W
VPH-1252Q: Max. 520W

Dimensions: 620(W) x 365(H) x 917(D)mm
(24.3/2 x 14 x 32.1/4 inches)

Weight: VPH-1272Q: 64kg (141 lb 1.5 oz)
VPH-1252Q: 63kg (138 lb 14.2 oz)

Input

VIDEO

Composite video¹⁾: BNC
1Vp-p, sync negative, 75Ω

Y/C²⁾: Mini DIN 4-pin
Y (luminance): 1Vp-p, sync negative 75Ω
C (chrominance): 0.286Vp-p (NTSC), 0.3Vp-p (PAL), 75Ω

AUDIO:

Phone
-5dBu, monaural, impedance more than 47kΩ

INPUT A (supplied with IFB-11)
R/B: BNC
0.7Vp-p, positive, 75Ω

G/sync on G: BNC
0.7Vp-p, positive, 75Ω (non-composite)
1Vp-p, sync negative, 75Ω (composite)

Sync: Composite sync: BNC
• Analog level: 0.6 to 8Vp-p, high impedance, positive/negative
• TTL level: Positive/negative

HD/VD separate:
• Analog level: 0.6 to 8Vp-p, high impedance, positive/negative
• TTL level: Positive/negative

Audio: Phone x 2
-5dBu, impedance more than 47kΩ (stereo or monaural selectable)

INPUT B (open for an optional IFB series input module)

REMOTE 1: 14-pin connector (male)

REMOTE 2: D-sub 9-pin connector (female, RS-422 port)

CONTROL S: Loop-through Mini connector

Output

VIDEO OUT: BNC
1Vp-p, sync negative, 75Ω

Accessories

SUPPLIED ACCESSORIES:

Interface board IFB-11
Remote commander RM-1271
AA size battery x 3 (for RM-1271)
Remote control cable (15m)
Lens spacer x 2
CRT spacer
Washers (12 pcs each for 4 types; t=0.4/0.5/1.0/1.2mm)
AC power cord
Operation manual

OPTIONAL ACCESSORIES:

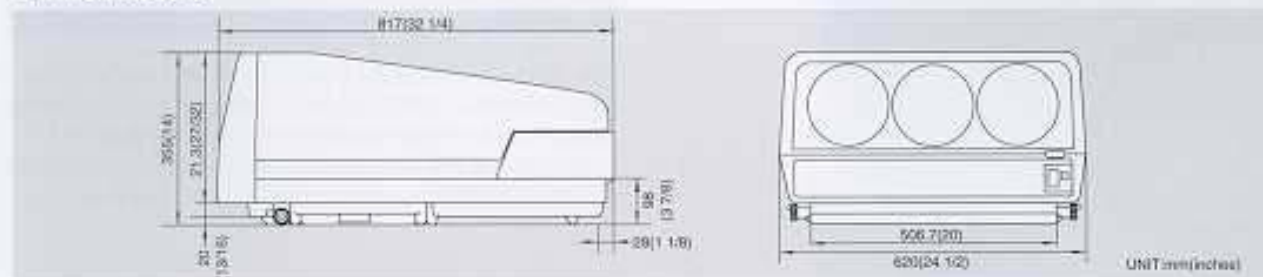
Interface board: IFB-11/20/30/101/1000/1200/3000³⁾
Signal interface switcher: PC-1271
Interface unit: IFU-1271
Signal interface cable: SIC-10/20/21/22/30
Infrared remote control unit: RM-1270S (supplied with the PC-1271)
Infrared remote control receiver: RM-RJ10
Suspension support: PSS-10/12/70
Flat screen³⁾: 100-inch: VPS-100FH, 120-inch: VPS-120FH
72-inch: VPS-72HG1, 100-inch: VPS-100HG1
Curved screen³⁾: 70-inch: VPS-701R, VPS-702R2
Rear screen frame³⁾: VFF-701R
Multi cable: CCG-BRS cable: (14-14pin, 2/5/10/25/50m)
SIC-M cable: (14-14pin, 1/5/15/25/50m)

¹⁾ The Y/C in has priority over the composite video in.

²⁾ IFB-3000 should be installed in the PC-1271 switcher.

³⁾ Some items are not available in some areas. For details, please consult your nearest Sony office.

Dimensions



Rear panel



Accessories

Infrared Remote Control Unit

RM-1271

(supplied with VPH-1272Q/1252Q)

The RM-1271 offers full remote control functions over the VPH-1272Q/1252Q and PC-1271 signal interface switcher. Controls such as input selection, picture control, RGB size/shift, centering and volume controls can thus be easily made. In cases where several projectors are installed in a system, the RM-1271 can control each individual unit when the projectors are indexed with the optional IFB-101 index board. The remote control can also be used as a wired remote control unit with the supplied 15m cable. Furthermore, the function keys of the remote control can be illuminated to ease operation in dark rooms.



RM-1271

Infrared Remote Control Unit

RM-1270S

(supplied with PC-1271)

Power on/off and input selection can be made on the VPH-1272Q/1252Q and PC-1271 with the RM-1270S. In situations such as conferences, the presenter is able to have easy access to these operations.



RM-1270S

Remote Control Receiver

RM-PJ10

By connecting the RM-PJ10 to either the VPH-1272Q/1252Q or PC-1271, the remote control receiver works as a remote control satellite. This enhances flexibility of operation in a variety of applications. By using the RM-PJ10, noise can also be reduced.



RM-PJ10

Interface Board

IFB Series

These interface boards can be fitted into both the projector and the signal interface switcher PC-1271, interface unit IFU-1271. The board to use depends on the input signal.



IFB-11 Analog RGB input

Inputs: Analog RGB: BNC x 3
Audio: Phono x 2 (stereo or monaural selectable)

Dimensions: 120(W) x 35(H) x 138(D)mm
(5 1/8 x 1 7/16 x 5 1/2 inches)

Weight: Approx. 180g (6.3oz)

* One IFB-11 is supplied with both VPH-1272Q/1252Q.



IFB-20 Analog RGB input

Inputs: Analog RGB: D-sub 9-pin (male)
Audio: Phono x 2 (stereo or monaural selectable)

Dimensions: 120(W) x 35(H) x 138(D)mm
(5 1/8 x 1 7/16 x 5 1/2 inches)

Weight: Approx. 170g (6.0oz)



IFB-30 Digital RGB input

Inputs: Digital RGB: D-sub 9-pin
Audio: Phono x 2 (stereo or monaural selectable)

Dimensions: 120(W) x 35(H) x 138(D)mm
(5 1/8 x 1 7/16 x 5 1/2 inches)

Weight: Approx. 110g (3.9 oz)



IFB-101 Index function

Dimensions: 120(W) x 35(H) x 138(D)mm
(5 1/8 x 1 7/16 x 5 1/2 inches)

Weight: Approx. 150g (5.3 oz)



IFB-1000 Composite video input

Inputs: VIDEO*: Loop-through BNC
Y/C**: Loop-through BNC
Audio: Phono x 2 (stereo or monaural selectable)

Dimensions: 120(W) x 35(H) x 138(D)mm
(5 1/8 x 1 7/16 x 5 1/2 inches)

Weight: Approx. 180g (6.3 oz)

* The Y/C is has priority over the VIDEO in.



IFB-1200 Component (Y/R-Y/B-Y) video input

Inputs: Component: BNC x 3
Audio: Phono x 2 (stereo or monaural selectable)

Dimensions: 120(W) x 35(H) x 138(D)mm
(5 1/8 x 1 7/16 x 5 1/2 inches)

Weight: Approx. 180g (6.3 oz)



IFB-3000** Double scan board

Inputs: Video**: BNC x 3
Y/C**: Mini-DIN 4-pin x 3
Component: BNC x 3
(Y/R-Y/B-Y)

Audio: Phono x 2 (stereo or monaural selectable)

Dimensions: 141(W) x 120(H) 138(D)mm
(4 5/8 x 5 1/8 x 5 1/2 inches)

Weight: Approx. 870g (1 lb 14 oz)

** IFB-3000 occupies 4 slots. It cannot be directly fitted into the projector.
** The Y/C inputs have priority over the Video inputs.

Signal Interface Switcher
PC-1271

signal interface

The PC-1271 is a signal interface switcher designed to offer maximum flexibility in a display system.

- Accepts up to eight signal inputs with IFB interface boards installed (A maximum of sixteen signal inputs with a second PC-1271)
- Connection to the VPH-1272Q/1252Q via a single CCO-BRS or SIC-M multi-cable
- Incorporates a cable length compensation to maintain the RGB bandwidth of 70MHz when using a CCO-BRS or SIC-M cable of up to 50m (165ft)
- Can be remotely controlled via a REMOTE 1 (D-sub 25-pin) for use with an external control unit
- Last channel memory
- Supplied RM-1270S remote control unit for easy operation
- 19-inch EIA standard rack mountable with the supplied rack mount kit
- Double scan capability when IFB-3000 is fitted



Rear panel



General

RGB bandwidth: 100MHz (-3dB)
 Power requirements: AC 120V, 50/60Hz
 Power consumption: Approx. 60W
 Dimensions: 424(W) x 133(H) x 290(D)mm
 (16 3/4 x 5 1/4 x 11 1/2 inches)
 Weight: Approx. 8kg (17 lb 10 oz)

Inputs

INPUT 1 to 8 (open for optional IFB series input modules)
 REMOTE 1: 14-pin (male), from second PC-1271
 REMOTE 2: D-sub 25-pin (female) from external control unit
 CONTROL S: Loop-through Mini jack

Outputs

MONITOR OUT
 VIDEO: BNC
 1Vp-p, sync negative, 75Ω
 Y/C: Mini DIN 4-pin
 Y (luminance): 1Vp-p, sync negative, 75Ω
 C (chrominance): 0.286Vp-p (NTSC), 0.3Vp-p (PAL), 75Ω

F/B: BNC
 0.7Vp-p, positive, 75Ω
 G/sync on G: BNC
 0.7Vp-p, positive, 75Ω (non-composite)
 1Vp-p, sync negative, 75Ω (composite)
 HD/VD/HV: BNC
 1Vp-p, positive/negative, 75Ω
 Audio: Phono x 2
 -5dBu, impedance 1kΩ
 (stereo or monaural selectable)
 REMOTE 1: 14-pin (female), to VPH-1272Q/1252Q or first PC-1271

Accessories

Supplied accessories:
 Remote control unit RM-1270S
 AA size battery x 2 (for RM-1270S)
 Rack mount with screws (for 19-inch EIA standard rack)
 Operation manual

Interface Unit
IFU-1271

This interface unit is used when two outputs are necessary from one IFB board. Two signals are output from the IFU-1271 in the same form as the input signal. A digital RGB signal level input is converted into an analog RGB level for output. The signal type of the output can be selected via the SYNC OUTPUT SELECTION MODE switch*.

* Mode 1: Output sync signal type (polarity, composite or separate) is the same as input sync.
 Mode 2: Composite sync (negative) is output.



Input: (open for optional IFB series input module)
 Output: BNC x 5 (x2)
 Phono x 2
 (stereo or monaural selectable)
 Bandwidth: 100MHz (-3dB)
 Power requirements: AC 120V, 50/60Hz



Dimensions: 180(W) x 105(H) x 185(D)mm
 (7 1/8 x 4 1/4 x 7 3/8 inches)
 Weight: Approx. 3kg (6 lb 9.8 oz)
 Supplied accessories: AC power cord
 Operation manual

Signal Interface Cables
SIC series

These signal interface cables are designed to interconnect the IFB series interface boards in either the projector or the signal interface switcher with the various signal sources. Using an SIC cable, a signal can be simultaneously connected to a local monitor as well as to the projector or the signal interface switcher.

* SIC cables will be available soon.



SIC-10
 Connector: 5 BNC to BNC
 Length: 10m (32.8ft)



SIC-20
 Connector: D-sub 15-pin to local monitor (female)
 D-sub 15-pin to computer (male)
 D-sub 9-pin to IFB-20 (female)
 Length: 2m (6.6ft) overall, 0.2m (0.7ft) branch



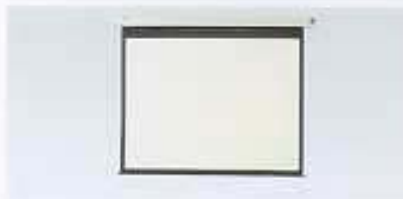
SIC-21
 Connector: D-sub 9-pin to local monitor (female)
 D-sub 9-pin to computer (male)
 D-sub 9-pin to IFB-20 (female)
 Length: 2m (6.6ft) overall, 0.2m (0.7ft) branch



SIC-22
 Connector: High density 15-pin to local monitor (female)
 High density 15-pin to computer (male)
 D-sub 9-pin to IFB-20 (female)
 Length: 2m (6.6ft) overall, 0.2m (0.7ft) branch



SIC-30
 Connector: D-sub 9-pin to local monitor (female)
 D-sub 9-pin to computer (male)
 D-sub 9-pin to IFB-30 (female)
 Length: 2m (6.6ft) overall, 0.2m (0.7ft) branch



Flat screens
VPH-100FH (100-inch)
VPH-120FH (120-inch)



Curved screens
VPS-72HG1 (72-inch)
VPS-100HG1 (100-inch)



Rear screen and frame
VPS-701R (70-inch)
VPS-701R2 (70-inch)
 and **VPF-701R** (rear screen frame)



Projection suspension support
PSS-10



Projection suspension support
PSS-1270

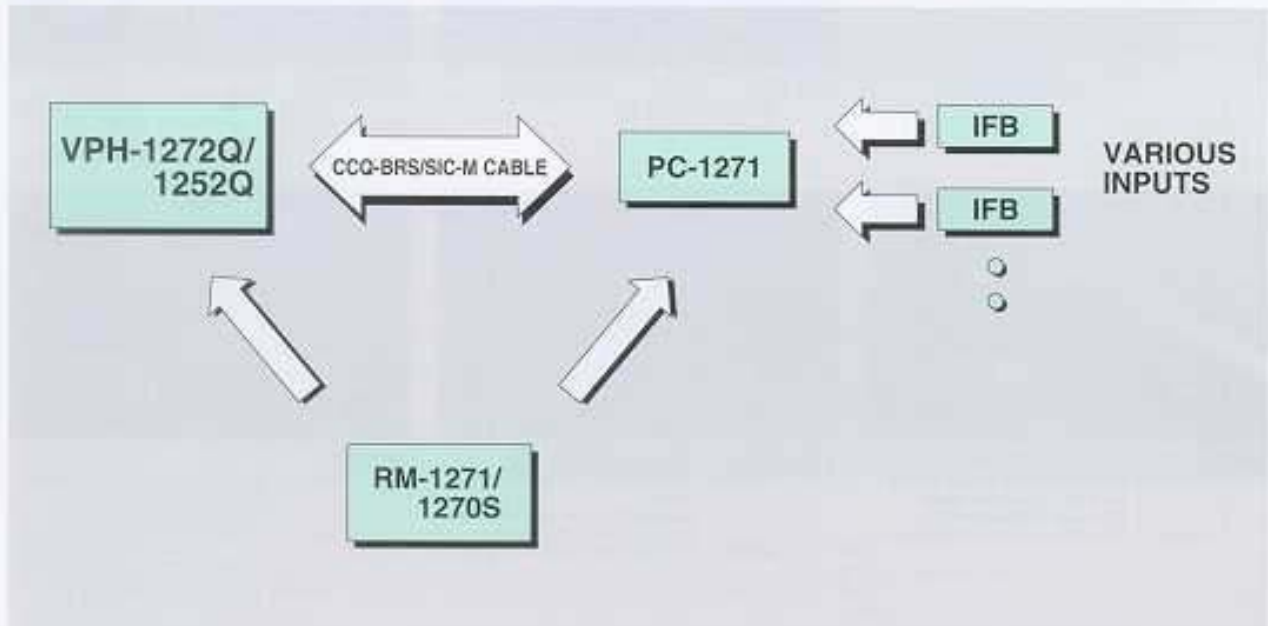


Multi-cable
CCQ-BRS cable (14-14pin, 25/10/25/50m)
SIC-M cable (14-14pin, 15/15/25/50m)

System Configuration

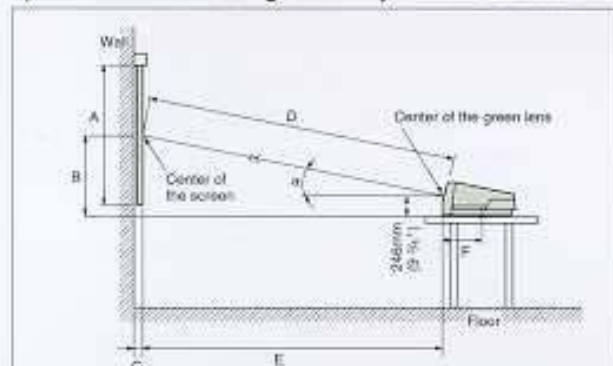
The VPH-1272Q/1252Q projection system offers a perfect solution to any display requirement. It can be configured exactly to specific applications to provide the superb performance. By exchanging the interface

boards, various type of signal sources can be applied to the system.



Installation Examples

1) Floor Installation Using Front Projection Flat Screen



E: Distance between the center of the screen and the center of the green lens
 F: Distance between the center hole and the center of the green lens
 B: Distance between the projector's bottom surface and the center of the screen

Tolerance in length
 B: ±5%
 Other measurements: -1% to +5%

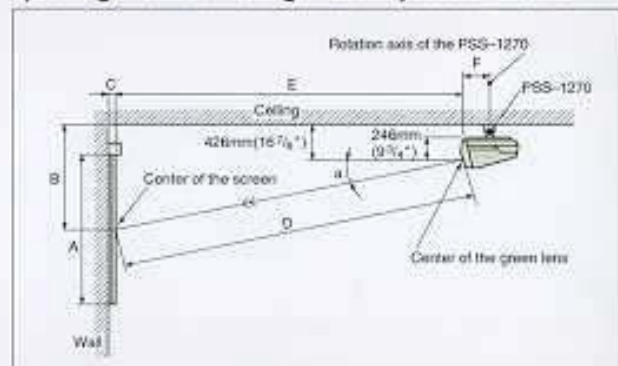
Screen size (inches)	Length mm(inches)						
	A	B	C	D	E	F	a
70	1,067 (42 1/8)	743 (29 3/8)		2,050 (81)	1,995 (78 5/8)	297 (11 3/4)	14.0
80	1,219 (48 1/8)	908 (35 3/4)		2,326 (91 1/4)	2,257 (89)	296 (11 3/4)	14.0
100*	1,524 (60)	960 (37 3/4)	24 (1 1/2)	2,858 (112 3/4)	2,789 (109 3/4)	290 (11 1/2)	14.5
120**	1,829 (72 1/4)	1,091 (43)	36 (1 7/8)	3,389 (133)	3,279 (129 1/4)	291 (11 1/2)	14.5
150	2,286 (90 1/4)	1,319 (52)		4,204 (165 1/4)	4,065 (160 1/4)	288 (11 1/2)	14.8
180	2,743 (108)	1,517 (59 1/4)		4,981 (196 1/4)	4,816 (190)	286 (11 1/4)	14.8
200	3,048 (120)	1,830 (72 1/4)		5,516 (217 1/4)	5,334 (210)	285 (11 1/4)	14.8
250	3,810 (150 1/4)	1,997 (78 1/4)		6,862 (270 1/4)	6,635 (261 1/4)	284 (11 1/4)	14.8
300	4,572 (180)	2,343 (92 1/4)		8,208 (323 1/4)	7,935 (312 1/4)	283 (11 1/4)	14.8

*Sony VPS-100FH **Sony VPS-120FH

Necessary modifications of parts

- Spacer change is not necessary when using 100 and 120-inch screens.
- In circumstances with throwing angles other than 0°, 2°, and 14° (factory set), installation can be made with special modifications. For further details, please refer to the installation manual.

2) Ceiling Installation Using Front Projection Flat Screen



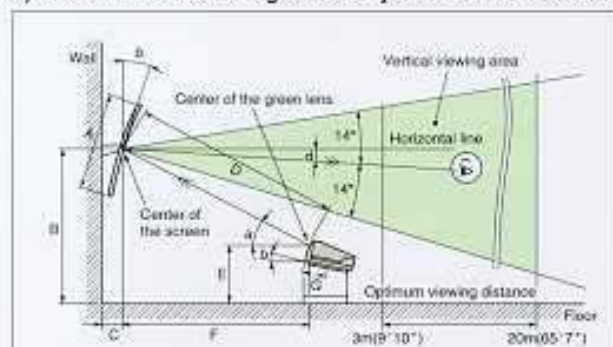
E: Distance between the center of the screen and the center of the green lens

Tolerance in length
 B: ±5%
 Other measurements: -1% to +5%

Screen size (inches)	Length mm(inches)						
	A	B	C	D	E	F	a
70	1,067 (42 1/8)	903 (35 5/8)		2,050 (81)	1,995 (78 5/8)	323 (12 3/4)	14.0
80	1,219 (48 1/8)	988 (39)		2,326 (91 1/4)	2,257 (89)	300 (12 1/4)	14.0
100*	1,524 (60)	1,140 (45)	24 (1 1/2)	2,858 (112 3/4)	2,789 (109 3/4)	318 (12 1/2)	14.5
120**	1,829 (72 1/4)	1,271 (50 1/8)	36 (1 7/8)	3,389 (133)	3,279 (129 1/4)	318 (12 1/2)	14.5
150	2,286 (90 1/4)	1,499 (59 1/4)		4,204 (165 1/4)	4,065 (160 1/4)	314 (12 1/4)	14.8
180	2,743 (108)	1,697 (67)		4,981 (196 1/4)	4,816 (190)	312 (12 1/4)	14.8
200	3,048 (120)	1,830 (72 1/4)		5,516 (217 1/4)	5,334 (210)	310 (12 1/4)	14.8
250	3,810 (150 1/4)	2,177 (85 3/4)		6,862 (270 1/4)	6,635 (261 1/4)	308 (12 1/4)	14.8
300	4,572 (180)	2,523 (99 1/4)		8,208 (323 1/4)	7,935 (312 1/4)	306 (12 1/4)	14.8

*Sony VPS-100FH **Sony VPS-120FH

3) Floor Installation Using Front Projection Curved Screen



G: Distance between the center hole and the center of the green lens
 d: The picture is brightest in this area.

Tolerance in length
 D: -1% to +5%
 Other measurements: ±5%

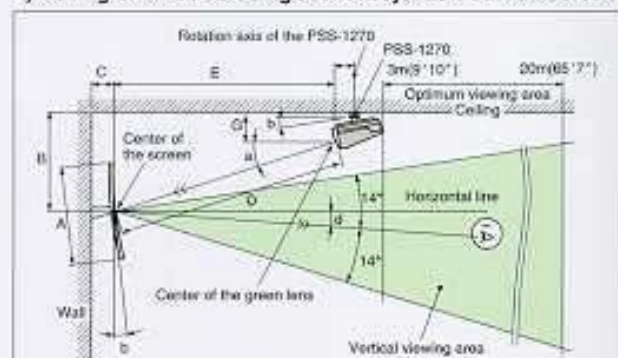
Screen size (inches)	Length mm(inches)							Angle(°)			
	A	B	C	D	E	F	G	a	b	d	
72"	1,125 (44 1/8)	1,056 (41 5/8)	184 (7 1/4)	2,190 (86)	2,190 (86)	739 (29 1/4)	1,054 (41 5/8)	297 (11 5/8)	31.7	18.1	4.5
100**	1,500 (60)	1,107 (43 5/8)	303 (12)	3,002 (118 1/4)	3,002 (118 1/4)	548 (21 1/2)	2,564 (101)	293 (11 5/8)	31.4	17.4	3.4

*Sony VPS-100FH **Sony VPS-120FH

Necessary modifications of parts

- Spacer change is necessary when using 72-inch screen.
- In circumstances with throwing angles other than 0°, 2°, and 14° (factory set), installation can be made with special modifications. For further details, please refer to the installation manual.

4) Ceiling Installation Using Front Projection Curved Screen



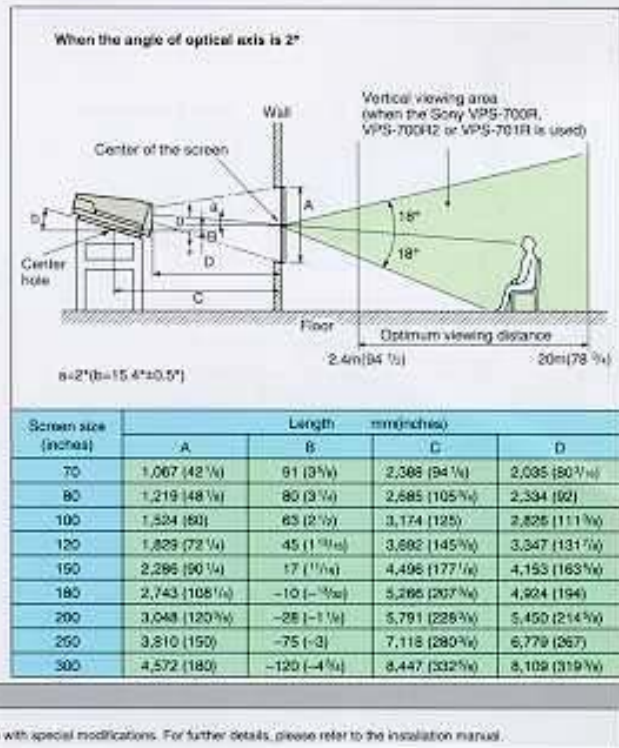
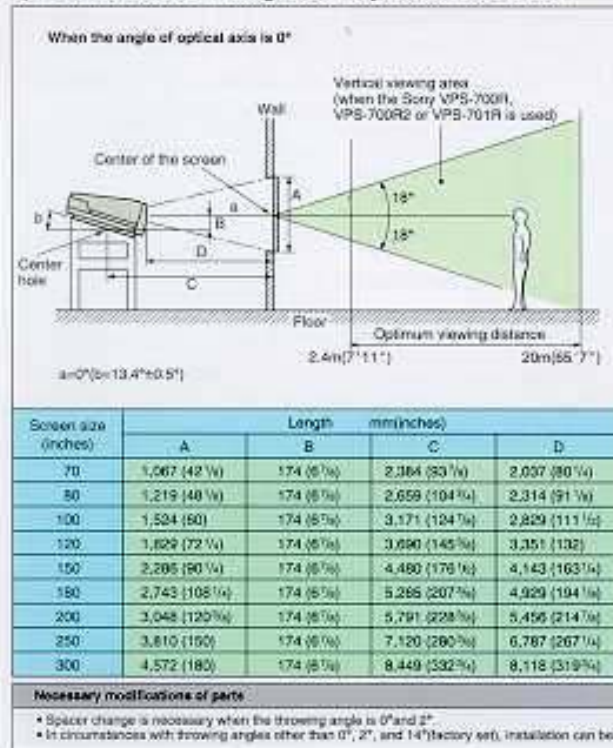
E: Distance between the center of the screen and the center of the green lens
 d: The picture is brightest in this area.

Tolerance in length
 D: -1% to +5%
 Other measurements: ±5%

Screen size (inches)	Length mm(inches)							Angle(°)			
	A	B	C	D	E	F	G	a	b	d	
72"	1,125 (44 1/8)	1,271 (50 1/8)	185 (7 1/4)	2,190 (86)	2,025 (79 3/4)	739 (29 1/4)	1,054 (41 5/8)	267 (10 5/8)	21.7	11.1	5.5
100**	1,500 (60)	1,639 (64 1/4)	305 (12 1/8)	3,002 (118 1/4)	3,002 (118 1/4)	548 (21 1/2)	2,784 (109 1/4)	255 (10 1/4)	23.0	9.0	5.0

*Sony VPS-100FH **Sony VPS-120FH

5) Floor Installation Using Rear Projection Flat Screen



What is the angle of optical axis?

The angle of optical axis is the angle between the horizontal line which is level with the center of the screen and the straight line from the center of the projector's green lens to the center of the screen. When a rear projection screen is used, you can get the brightest picture along the extension of the straight line between the center of the green lens and the center of the screen.

Therefore, the most suitable angle of optical axis (a) varies depending on the height of the screen and the line of your sight. A standard rear projection installation is that where in this angle is 0° or 2°.

Design and specifications subject to change without notice.

Distributed by