

DRC-MFv2

- VPL-VW100 can reproduce smooth and crisp video images thanks to DRC-MFv2
- Depending on the input source customers can select in the menu: Off, Mode 1, Mode 2
- **Mode 1**
Reproduces a fine and natural picture. This is recommended for moving pictures
- **Mode 2**
Reproduces a picture where flickering is suppressed. This is recommended for still pictures
- When using the 'Modes' you can adjust the '**Reality**' and '**Clarity**' of the picture as well

Over Scan & Screen Area

Over Scan

- VPL-VW100 can project the whole input picture in 'Over Scan'
- Selectable in the menu: On, Off
- On: Hides the outline of the input picture
(use when noise appears along the edges)
- Off: Project the whole input picture

Screen Area

- VPL-VW100 can select the size of the picture in 'Screen Area' when a HD picture is over-scanned
- Selectable in the menu: Full, Off
- Full: Expands the picture in the whole screen
- Off: Does not expand the picture on the whole screen
- Only effective when:
 - Input = HD signal (memory preset nr. 7, 8, 9, 12 and 13) and
 - Over Scan = 'On'

Real Colour Processing

- RCP = Real Colour Processing
- Very specific colour adjustment of skin tone, blue sky, etc.
- Adjustment done via 'Colour Pallet', which is divided into:
 - Red
 - Yellow
 - Green
 - Cyan
 - Blue
 - Magenta
- Option in the OSD 'Picture Control' menu

→ Easier and more accurate colour adjustment

Lens Shift (Flexible Setting)

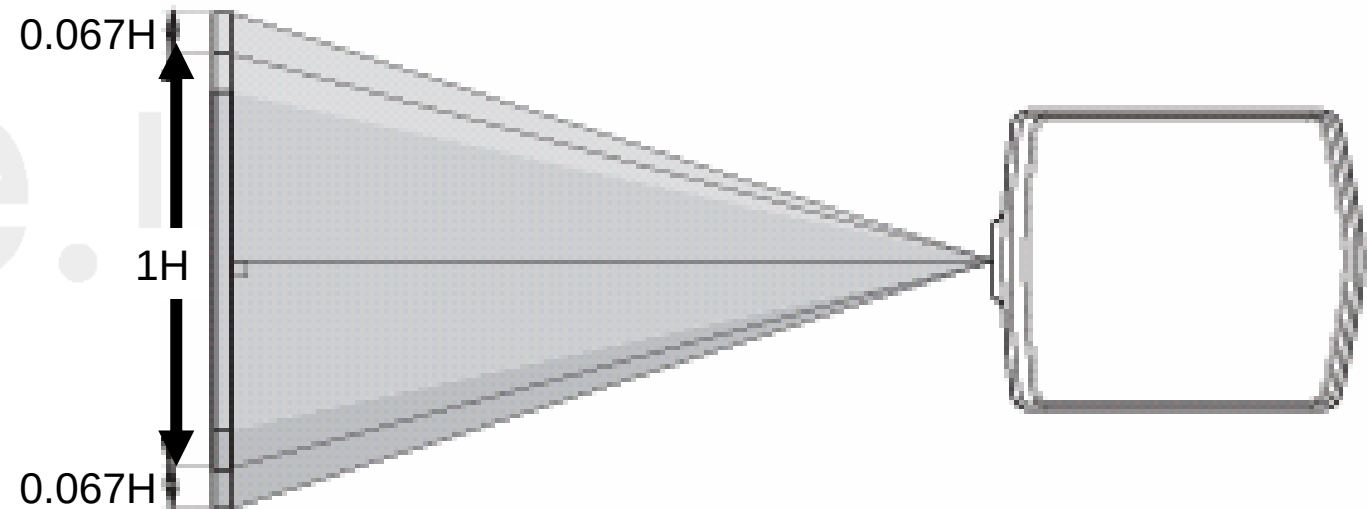
The "Lens Shift" function can adjust the picture position both vertical and just a little horizontal.

< Lens Shift quantity >

- H shift: $\pm 0.067H$ (Manual)
- V shift: $+0.65V$ (Powered)

Top view

VPL-VW100 is expanding the area to place the projector. There is no 'Picture Degradation' thanks to not using electrical processing



-  Picture position when moving the picture the maximum distance to the left.
-  Picture position when moving the picture the maximum distance to the right.

ARC-F (All Range Crisp Focus) Lens

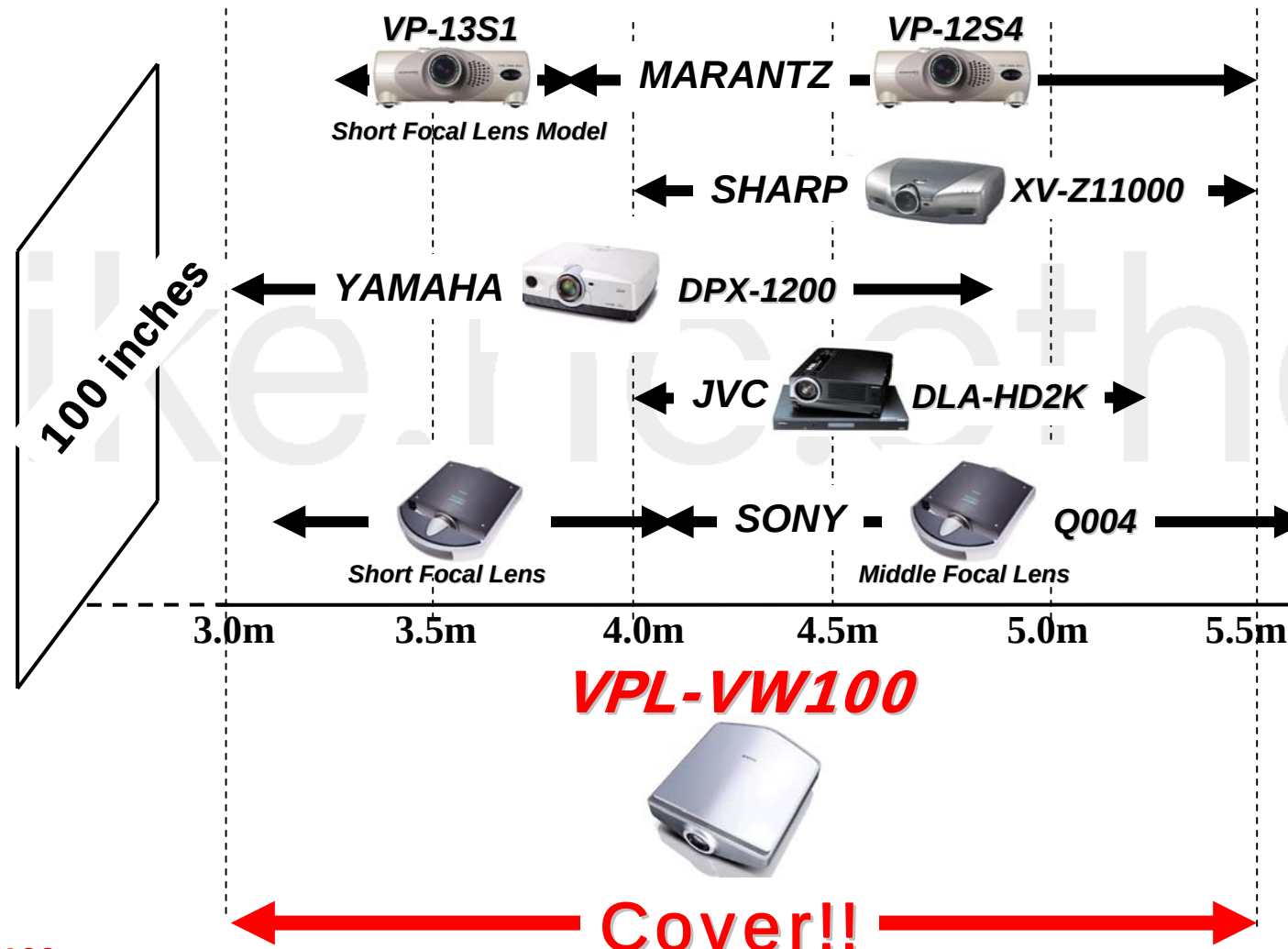
- VPL-VW100 uses a crisp focus lens
- This lens has superior ability in resolution and focus, because it can reproduce Real HD (1920 x 1080) Panel Resolution with pixels of 7μm
- We call this lens "ARC-F (All Range Crisp Focus) Lens"*



*When you use this name, you should describe with full spelling for this.
Don't mention just "ARC-F Lens"

1.8 Times Zoom Lens

- VPL-VW100 Covers the range of all competitors



SONY

Ultra Silent Operation "22dB"



- Sony developed a New Sony Original designed fan
- The most silence fan from the whole projector line-up

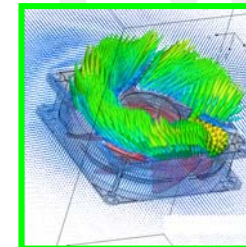
Three improvements:

1. Silicon Contact Joint
 - Prevents transmission of vibrations
2. Optimised Simulated Fan Blades
 - Optimisation of the air flow
3. Non-Contact Mechanism
 - Limited noise thanks to no contact with the fan's shaft

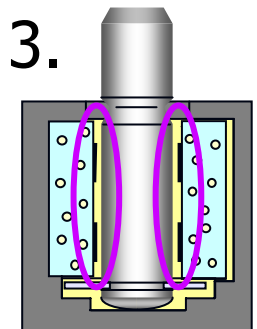
1.



2.



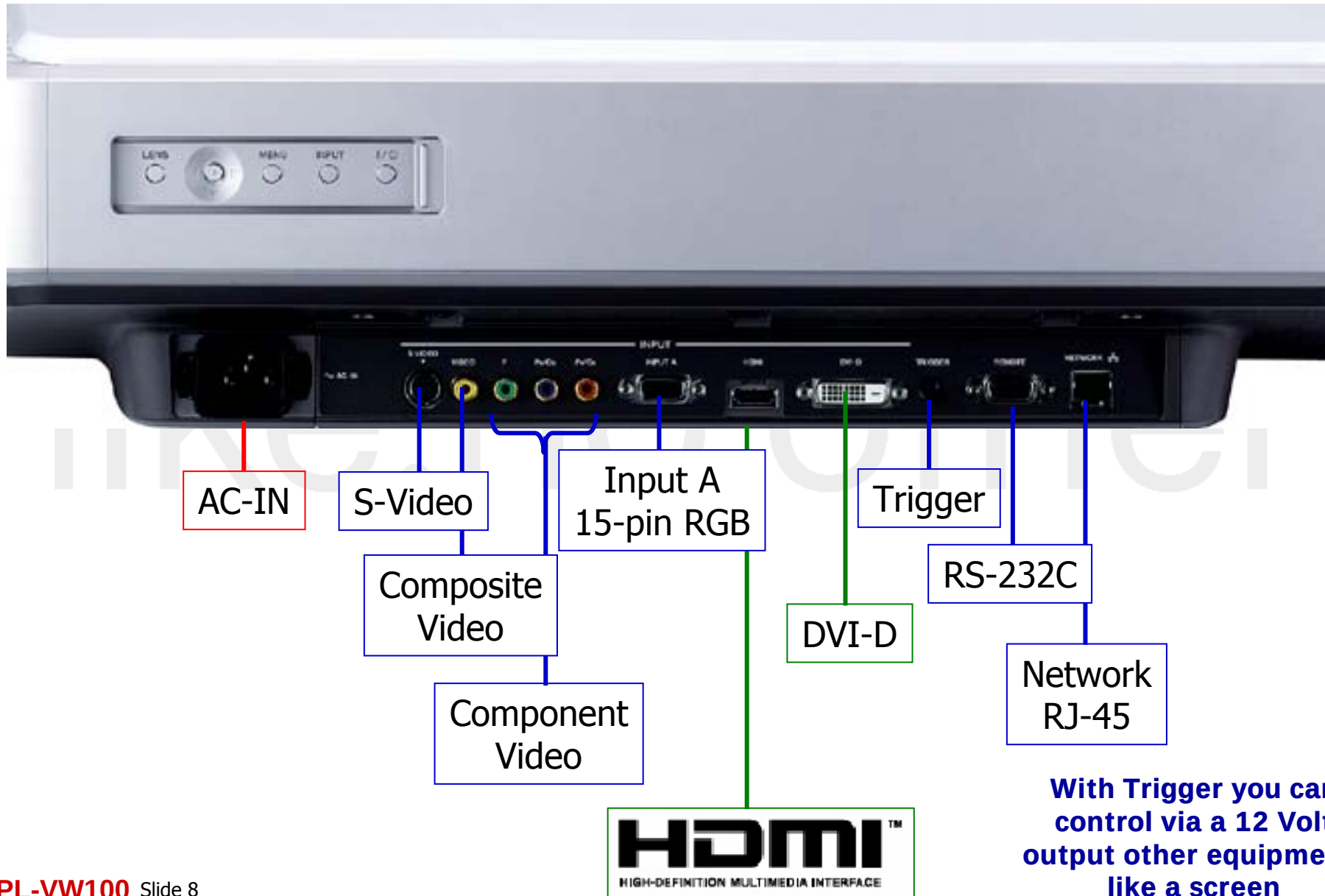
3.



SONY

VPL-VW100 Connections

TVOE
TELEVISION OPERATIONS EUROPE



Accessories VPL-VW100

Supplied Accessories

- Remote commander, RM-PJW100
- 2x AA size battery
- AC power cord
- CD-ROM (Image Director)
- Air filter cover
- Instruction Manual

Optional Accessories

- Projector Lamp for replacement, LMP-H400
- Projector Ceiling Brackets, PSS-610NL or PSS-H10 (new)

RM-PJW100



LMP-H400



PSS-610NL



PSS-H10



NEW

Model Name	VPL-VW100 	QUALIA 004 
Panel Resolution	Full HD (1,920 x 1,080)	Full HD (1,920 x 1,080)
Panel inch size	0.61-inch SXRD	0.78-inch SXRD
Lens Zoom Ratio	x 1.8	Wide : x 1.34, Mid : x 1.43, Tele : x 1.4
Lens Shift	(+0.65V, -0V): Powered, (±0.067H): Manual	(Wide, Mid : +0.50V, -0V), (Tele : +0.75V, -0V): Powered, (Wide, Mid, Tele: +-0.07 H): Manual
Throwing Distance 100" screen (16:9)	3.0m - 5.5m	3.2m - 7.8m (3.2m - 4.1m/4.1m - 5.7m /5.7m - 7.8m)
Lamp (W)	400W (Xenon)	700W/500W (Xenon)
Carl Zeiss	No	Yes
Brightness	800 lm	1,600 lm
Contrast (all white&black)	up to 15,000:1*	Iris Off : 1,400:1 Iris 1 : 1,700:1, Iris 2 : 2,000:1

***Only in use "Auto" mode of Advanced Iris. This "Auto" mode of Advanced Iris dynamically change according to the setting of projector and the level of picture.**

Model Name	VPL-VW100 	QUALIA 004 
Dimensions	496 x 574 x 175 mm	597 x 750 x 201 mm
Mass	Approx. 19 kg	Approx. 40 kg
Fan Noise	22 dB	25 dB
Recommended Screen Size	90" ~ 120"	150"
DRC	DRC-MFv2	DRC-MFv1
NR (Noise Reduction)	Yes	No
Over Scan	Yes	No
High Sampling Mode	Yes	No (This is made possible by the Upgrade kit)
1080p Input	Yes (Digital)	No (This is made possible by the Upgrade kit)

Comparison VW100 vs Q004

Model Name	VPL-VW100	QUALIA 004
Composite Video IN	RCA Pin Jack	RCA Pin Jack
S-Video IN	Mini Din 4 pin	Mini Din 4 pin
Component IN	RCA Pin Jack	RCA Pin Jack
DVI IN	Digital RGB	Digital RGB
HDMI IN	Digital RGB/Y CB(PB) CR(PR)	Digital RGB/Y CB(PB) CR(PR)
Input A	Analog RGB/Component : HD D-sub 15 pin	Analog RGB/Component: RCA Pin Jack
Input B	NA	Analog RGB/Component: 5 BNC
USB	NA	female x 1
Trigger	Mini Jack	Mini Jack
Control S	NA	Stereo Mini Jack
Ethernet (RJ45)	10BASE-T 100BASE-TX	10BASE-T 100BASE-TX
RS-232C	RS-232C : D-sub 9-pin (female)	RS-232C : D-sub 9-pin (female)



SONY
VPL-VW100

0.61" Full HD SXRD Panel x3
1,920 x 1,080
400W Xenon Lamp
Contrast: Up to **15,000:1**
Brightness: 800 lumen
Fan noise: **22 dB**
Mass: Approx. 19 kg
Size: 496 x 574 x 175 mm



SHARP
XV-Z11000
(XV-Z12000U)

0.8" 720p 1-chip DLP
1,280 x 720
270W UHP Lamp
Contrast: 5,500:1 / 1,700:1
Brightness: 350 / 900 lumen
Fan noise: 33 dB / 35 dB
Mass: 9.4 kg
Size: 475 x 406 x 178 mm



YAMAHA
DPX-1200

0.8" 720p 1-chip DLP
1,280 x 720
270W UHP Lamp
Contrast: 5,000:1
Brightness: 800 lumen
Fan noise: 28 dB
Mass: 13.8 kg
Size: 495 x 465.4 x 192.6 mm



MARANTZ
VP-12S4

0.8" 720p 1-chip DLP
1,280 x 720
200W UHP Lamp
Contrast: 4,500:1 / 3,100:1
Brightness: 600 / 700 lumen
Fan noise: 27 dB / 29 dB
Mass: 13 kg
Size: 405 x 481 x 158 mm



JVC
DLA-HD2K

0.82" Full HD D-ILA Panel x3
1,920 x 1,080
270W UHP Lamp
Contrast: 2,000:1
Brightness: 500 lumen
Fan noise: N/A (too noisy)
Mass: 6.2 kg & 6.3 kg
Size: 298 x 360 x 134 mm
438 x 303 x 45 mm



FUJITSU
LPF-D711
LPE-QSD1

1.3" Full HD LCD Panel x3
1,920 x 1,080
250W UHP Lamp
Contrast: 3,300:1
Brightness: 1,200 lumen
Fan noise: N/A (too noisy)
Mass: 12 kg & 5 kg
Size: 498 x 426 x 160 mm
430 x 350 x 95 mm

Available Pictures



1_VPL-VW100_RF



1A_VPL-VW100_R-no-shade



1A_VPL-VW100_R-shade



1B_VPL-VW100_L-no-shade



1B_VPL-VW100_L-shade



2_VPL-VW100_F



3_VPL-VW100_B



3A_VPL-VW100_BL-no-shade



3A_VPL-VW100_BL-shade



4_VPL-VW100_SL



5_VPL-VW100_SR1



6_VPL-VW100_SR2



7_VPL-VW100_TOP



7A_VPL-VW100_TOP-shade



7A_VPL-VW100_TOP-shade



8_PSS-H10



9_LMP-H400_Housing_R



10_LMP-H400_Housing_L



10_LMP-H400_Housing_L



11_ARC-F-Lens_VW100



11_ARC-F-Lens_VW100



12_LMP-H400_LB



12_LMP-H400_LW



13_Advanced-Iris-ON_R



13_Advanced-Iris-OFF_R



14_RM-PJW100_F



15_Mech-Part-Fan_VW100



15_Mech-Part-Fan_VW100



16_Bottom-Plate_VW100



16_Bottom-Plate_VW100



17_SXRD panel_VW100