

SONY



HOME CINEMA PROJECTORS

THIS IS TRUE THIS IS 4K



VPL-VW5000ES



VPL-VZ1000ES



VPL-VW870ES



VPL-VW760ES

| Optical | | | VPL-VW5000ES | | VPL-VZ1000ES | | VPL-VW870ES | | VPL-VW760ES | | |
|--|---------------------------------------|-------------------------|---|------------|---|-------------------------|--|------------|--|------------------------|---------|
| Display system | | | 4K SXRD panel, projection system | | 4K SXRD panel, projection system | | 4K SXRD panel, projection system | | 4K SXRD panel, projection system | | |
| Display device | Size of effective display area | | 0.74" x 3 SXRD | | 0.74" x 3 SXRD | | 0.74" x 3 SXRD | | 0.74" x 3 SXRD | | |
| | Number of pixels | | 26,542,080 (4096 x 2160 x 3) pixels | | 26,542,080 (4096 x 2160 x 3) pixels | | 26,542,080 (4096 x 2160 x 3) pixels | | 26,542,080 (4096 x 2160 x 3) pixels | | |
| Projection lens | Focus | | Powered *6 | | Powered | | Powered | | Powered | | |
| | Zoom | Powered / Manual | | Powered *6 | | Powered (Approx. x1.02) | | Powered | | Powered (Approx. x2.1) | |
| | | Lens shift | Powered / Manual | | Powered *6 | | Powered | | Powered *6 | | Powered |
| | Range | | Vertical | +/- 80% *6 | | +/- 6% | | +/- 80% *6 | | +85%/-80% | |
| Horizontal | | +/- 31% *6 | | +/- 3% *7 | | +/- 31% *6 | | +/- 31% | | | |
| Light source | Type | | Laser diode | | Laser diode | | Laser diode | | Laser diode | | |
| Light output | | | 5000 lm *5 | | 2500 lm *5 | | 2200 lm *5 | | 2000 lm *5 | | |
| Color light output | | | 5000 lm *5 | | 2500 lm *5 | | 2200 lm *5 | | 2000 lm *5 | | |
| Dynamic contrast *1 | | | ∞ : 1 | | ∞ : 1 | | ∞ : 1 | | ∞ : 1 | | |
| Interface | | | VPL-VW5000ES | | VPL-VZ1000ES | | VPL-VW870ES | | VPL-VW760ES | | |
| Input / Output | HDMI1 / HDMI2 | | Digital (RGB/Y Pb/Cb Pr/Cr) *2 | | Digital (RGB/Y Pb/Cb Pr/Cr) *2 | | Digital (RGB/Y Pb/Cb Pr/Cr) *2 | | Digital (RGB/Y Pb/Cb Pr/Cr) *2 | | |
| | Trigger | | Mini jack, DC 12 V Max. 100 mA | | Mini jack, DC 12 V Max. 100 mA | | Mini jack, DC 12 V Max. 100 mA | | Mini jack, DC 12 V Max. 100 mA | | |
| | Remote | | RS-232C, D-sub 9-pin (female) | | RS-232C, D-sub 9-pin (female) | | RS-232C, D-sub 9-pin (male) | | RS-232C, D-sub 9-pin (male) | | |
| | LAN | | RJ45, 10BASE-T/100BASE-TX | | RJ45, 10BASE-T/100BASE-TX | | RJ45, 10Base-T/100BASE-TX | | RJ45, 10Base-T/100BASE-TX | | |
| | IR IN / OUT | | IN:1, OUT:1, Mini jack | | IN:1, Mini jack | | Mini Jack | | Mini Jack | | |
| | USB | | Type A, DC 5V, Max. 500 mA | | Type A, DC 5V, Max. 500 mA | | Type A, DC 5V, Max. 500 mA | | Type A, DC 5V, Max. 500 mA | | |
| General | | | VPL-VW5000ES | | VPL-VZ1000ES | | VPL-VW870ES | | VPL-VW760ES | | |
| Acoustic noise | | | 30 dB ~ 35 dB *4 | | 24dB *4 | | 24 dB *4 | | 24 dB *4 | | |
| Power requirements | | | AC 100 V to 240 V, 50/60 Hz | | AC 100 V to 240 V, 50/60 Hz | | AC 100 V to 240 V, 50/60 Hz | | AC 100 V to 240 V, 50/60 Hz | | |
| Power consumption | | | 1.2 kW | | 435 W | | 490 W | | 430 W | | |
| Power consumption | Standby | | 0.4 W (when "Remote Start" is set to "Off") | | 0.5 W (when "Standby Mode" is set to "Low") | | 0.4 W (when "Remote Start" is set to "Off") | | 0.4 W (when "Remote Start" is set to "Off") | | |
| | Networked standby | | 1.0 W (LAN) (when "Remote Start" is set to "On") | | 0.6 W (LAN) (When "Remote Start" is set to "On") | | 1.0 W (LAN) (when "Remote Start" is set to "On") | | 1.0 W (LAN) (when "Remote Start" is set to "On") | | |
| Body color | | | Black | | Black | | Black | | Black | | |
| Dimensions (W x H x D) *5 (without protrusions) | | | 550 x 228 x 750 mm (21 21/32 x 8 31/32 x 29 17/32 inches) | | 925 mm x 218.5 mm x 493.8 mm (36 13/32 x 8 19/32 x 19 7/16 inches) | | 560 mm x 223 mm x 496 mm (22 1/16 x 8 25/32 x 19 17/32 inches) | | 560 x 223 x 496 mm (22 1/16 x 8 25/32 x 19 17/32 inches) | | |
| Mass *5 | | | Approx. 40 kg / 88 lb (excluding lens) | | Approx. 35 kg / 77 lb (without side & top covers) | | Approx. 22 kg / 49 lb (without side & top covers) | | Approx. 20 kg / 44 lb | | |
| Supplied accessories | | | RM-PJ24 Remote Commander (1), Size AA (R6) Nanganese Batteries (2), AC power Cord (1), Lens Cap (1), Plug holder (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), Safety Regulations (1) | | RM-PJ28 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC power Cord (1), Plug holder (1), Top cover (1), Side covers (2), Straps for side covers (2), Rivets for side covers (2), Cleaning cloth (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (this manual) (1), Safety Regulations (1) | | RM-PJ24 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), Safety Regulations (1) | | RM-PJ24 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), Safety Regulations (1) | | |
| Optional accessories | Lenses | | VPLL-Z7008 (Short Throw Lens) With Throw Ratio: 0.8 - 1.02:1 | | - | | VPLL-Z7008 (Short Throw Lens) With Throw Ratio: 0.8 - 1.02:1 | | - | | |

*1 This value is average. *2 Both HDMI inputs are compatible with HDCP 2.2. *3 HDMI Input2 is compatible with HDCP 2.2. *4 They will depend on the environment or how the projectors is used. When under normal environment. *5 This value is approximate. *6 When the VPLL-Z7013 (bundled lens) is used. *7 For 16:9 display

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LINE-UP CARD

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VPL-VW570ES



VPL-VW270ES



VPL-HW65ES



VPL-HW45ES

| Optical | | VPL-VW570ES | VPL-VW270ES | VPL-HW65ES | VPL-HW45ES | |
|---|---------------------------------------|--|--|--|--|-----------------------|
| Display system | | 4K SXRD panel, projection system | 4K SXRD panel, projection system | SXRD panel, projection system | SXRD panel, projection system | |
| Display device | Size of effective display area | 0.74" x 3 SXRD | 0.74" x 3 SXRD | 0.61" x 3 SXRD | 0.61" x 3 SXRD | |
| | Number of pixels | 26,542,080 (4096 x 2160 x 3) pixels | 26,542,080 (4096 x 2160 x 3) pixels | 6,220,800 (1920 x 1080 x 3) pixels | 6,220,800 (1920 x 1080 x 3) pixels | |
| Projection lens | Focus | Powered | Powered | Manual | Manual | |
| | Zoom | Powered / Manual | Powered (Approx. x2.06) | Powered (Approx. x2.06) | Manual (Approx. x1.6) | Manual (Approx. x1.6) |
| | | Lens shift | Powered / Manual | Powered | Manual | Manual |
| | | Range | +85% / -80% | +85% / -80% | +/- 71% | +/- 71% |
| Vertical | | +/- 31% | +/- 31% | +/- 25% | +/- 25% | |
| Light source | Type | High-pressure mercury lamp | High-pressure mercury lamp | High-pressure mercury lamp | High-pressure mercury lamp | |
| | Wattage | 280 W | 225 W | 215 W | 215 W | |
| Light output | | 1800 lm ^{*5} | 1500 lm | 1800 lm | 1800 lm | |
| Color light output | | 1800 lm ^{*5} | 1500 lm | 1800 lm | 1800 lm | |
| Dynamic contrast ^{*1} | | 350,000:1 | - | 120,000:1 | - | |
| Interface | | VPL-VW570ES | VPL-VW270ES | VPL-HW65ES | VPL-HW45ES | |
| Input / Output | HDMI1 / HDMI2 | Digital (RGB/Y Pb/Cb Pr/Cr) ^{*3} | Digital (RGB/Y Pb/Cb Pr/Cr) ^{*3} | Digital (RGB/Y Pb/Cb Pr/Cr) | Digital (RGB/Y Pb/Cb Pr/Cr) | |
| | Trigger | Mini jack, DC 12 V Max. 100 mA (2) | Mini jack, DC 12 V Max. 100 mA | Mini jack, DC 12 V Max. 100 mA (1) | - | |
| | Remote | RS-232C, D-sub 9-pin (male) | RS-232C, D-sub 9-pin (female) | RS-232C, D-sub 9-pin (female) | RS-232C, D-sub 9-pin (female) | |
| | LAN | RJ45, 10BASE-T/100BASE-TX | RJ45, 10BASE-T/100BASE-TX | RJ45, 10BASE-T/100BASE-TX | - | |
| | IR IN / OUT | IN:1, Mini jack | IN:1, Mini jack | IN:1, Mini jack | IN:1, Mini jack | |
| | USB | Type A, DC 5V, Max. 500 mA | Type A, DC 5V, Max. 500 mA | Type A, DC 5V, Max. 500 mA | Type A, DC 5V, Max. 500 mA | |
| General | | VPL-VW570ES | VPL-VW270ES | VPL-HW65ES | VPL-HW45ES | |
| Acoustic noise | | 26dB | 26dB | 22dB | 22dB | |
| Power requirements | | AC 100 V to 240 V, 50 Hz / 60 Hz | AC 100 V to 240 V, 50 Hz / 60 Hz | AC 100 V to 240 V, 50 Hz / 60 Hz | AC 100 V to 240 V, 50 Hz / 60 Hz | |
| Power consumption | | 460 W | 390 W | 300 W | 310 W | |
| Power consumption | Standby | 0.4 W (When "Remote Start" is set to "Off") | 0.4 W (When "Remote Start" is set to "Off") | 0.4 W (When "Remote Start" is set to "Off") | 0.4 W (When "Remote Start" is set to "Off") | |
| | Networked standby | 1.0 W (LAN) (When "Remote Start" is set to "On") | 1.0 W (LAN) (When "Remote Start" is set to "On") | 1.0 W (LAN) (When "Remote Start" is set to "On") | 1.0 W (LAN) (When "Remote Start" is set to "On") | |
| Body color | | Black | Black | Black / Premium White | Black / Premium White | |
| Dimensions (W x H x D) ^{*5} (without protrusions) | | 496 x 205 x 464 mm (19 1/2 x 8 3/32 x 18 1/4 inches) | 496 x 205 x 464 mm (19 1/2 x 8 3/32 x 18 1/4 inches) | 407.4 x 179.2 x 463.9 mm (16 1/8 x 7 1/8 x 18 3/8 inches) | 407.4 x 179.2 x 463.9 mm (16 1/8 x 7 1/8 x 18 3/8 inches) | |
| Mass ^{*5} | | Approx. 14 kg / 31 lb | Approx. 14 kg / 31 lb | Approx. 9 kg / 20 lb | Approx. 9 kg / 20 lb | |
| Supplied accessories | | RM-PJ24 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), Safety Regulations (1) | RM-PJ28 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), Safety Regulations (1) | RM-PJ28 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), Safety Regulations (1) | RM-PJ28 Remote Commander (1), Size AA (R6) Manganese Batteries (2), AC Power Cord (1), Lens Cap (1), Operating Instructions (CD-ROM) (1), Quick Reference Manual (1), Safety Regulations (1) | |
| Optional accessories | Replacement lamp | LMP-H280 | LMP-H220 | LMP-H210 | LMP-H210 | |

^{*1} This value is average. ^{*2} Both HDMI inputs are compatible with HDCP 2.2. ^{*3} HDMI Input2 is compatible with HDCP 2.2. ^{*4} They will depend on the environment or how the projector is used. When under normal environment. ^{*5} This value is approximate. ^{*6} When the VPL-Z7013 (bundled lens) is used. ^{*7} For 16:9 display