#### **Specifications**

Optical Device     Colour separation by the Colour wheel Resolution**       Issolution**     1202 x 1200 pixels     1280 x 800 pixels       Lens     See the chart of "Lens Specifications* shown on See the chart of "Lens Specifications" shown on NP31Z       Lens Shift     NP17ZL.NP18ZL.NP12ZL.NP22L     Vertical: = 0.1.1H,Horizontal: PX800X2 +0.43V~0V P750U2       Lamp Life*(Coc Mode On / Eco Mode Off)     320 W 400 W AC       Lamp Life*(Coc Mode On / Eco Mode Off)     320 W 7400 W AC       Colour Reproduction     10-bit signal processing       Colour Reproduction     10-bit signal processing       Colour Reproduction     10-bit signal processing       Contrast Ratic (White / Black)**     Eco Mode Off       Contrast Ratic (White / Black)**     1000 : 1/2100 : 1 with more signal water or over conforms to the VESA standard       Maximum Resolution     1920 x 1200     1920 x 1200 with advanc       Scan Rate     Horizontal     Manual Approx.       Vertical     Manual ApproxMax 30 degrees       Input     Computer / Component 1 x Nini D-Sub 15 ipi (Computer 130, Ni, N ts S NC Video       Input     Computer / Component 1 x Nini D-Sub 15 ipi (Computer 130, Ni, N ts S NC Video       Output Terminals     1 x Mini D-Sub 15 ipi (PC) Supported	1024 x 766 pixels max max vPX700W2+0.5V~ on the bottom on colours) 8000 ANSI Im at cel AccuBrend y						
Column Server     (Aspect Ratio 16:10)     ((Aspect Ratio 16:10)     ((As	(Aspecct Ratio 4:3)       1024 x 786 pixels       the bottom       max       v/PX700W2+0.5V~       on the bottom       on colours)       8000 ANSI Im       st       csd AccuBrend       y       40 degrees						
Resolution**     1220 x 1200 pixels     1280 x 800 pixels     1280 x 800 pixels       Lens     See the chart of *Lons Specifications* shown on the shift     See the chart of *Lons Specifications* shown on the shift       Lens Shift     NP172L, NP182L, NP192L, NP202L, NP212L     Vertical: 0 - 0.5V max, Horizontal : ± 0.1 H       Lamp (Eco Mode On / Eco Mode Off)     320 W / 400 W AC     320 W / 400 W AC       Lamp (Eco Mode On / Eco Mode Off)     2500 H / 2000 H     2000 H / 2000 H       Image Size (Projection Distance)     See the * Throw Distance and Screen Size* shown on to-bit signal processing (1.07 billion colocure) (Newer, Network : 16.7 million colocure) (Newer, Network : 16.7	1024 x 766 pixels max max vPX700W2+0.5V~ on the bottom on colours) 8000 ANSI Im at cel AccuBrend )						
Lens     See the chart of "Lens Specifications" shown on Ivers Shift [PP7ZL.NP18ZL.NP18ZL.NP20ZL.NP21ZL     Vertical: 0 - 0.5V max, Holizontal: ± 0.11 Wertical: ± 0.1H,HorizontaP2800X = 0.43V~-0V P750U2       Lams (Eco Mode On / Eco Mode Off)     320 W / 400 W AC     320 W / 400 W AC       Lamp (Eco Mode On / Eco Mode Off)     320 W / 400 W AC     320 W / 400 W AC       Lamp (Eco Mode On / Eco Mode Off)     320 W / 400 W AC     320 W / 400 W AC       Colums Reproduction     0.10 bit signal processing     0.10 bit signal processing       Light Output***     Eco Mode Off     250 H / 2000 H       Colums Reproduction     0.10 bit signal processing     0.10 bit signal processing       Light Output***     Eco Mode Off     7500 ANSI im     1000 IT 1200 I IM pramic Contrast Maximum Resolution       Scan Rate     Horizontal     1120 x 1200 I Im 1200 x 1200 WH advanc conforms to the VEAS standard       Vertical     Vertical     Manual Approx Max 30 degrees     Manual Approx Max 30 degrees       Input     Computer / Component     2 x Mini D-Sub 15 pin Computer 30 N, 11 x 5 Bits CP 20 Supported       DisplayPort     1 x Mini D-Sub 15 pin Conflor Computer 1 N 20 Supported     1 x Mini DN-4pin       Output Terminals     1 x Mini D-Sub 15 pin Conflor Computer 1 N 20 Suported     1 x NDAC	the bottom i max on the bottom on othe bottom on colours) 8000 ANSI Im st dec AccuBrend ) 40 degrees						
Lens Shift NP1722, NP182L NP192L, NP202L, NP212L     Vertical: 0 - 0.5V max, Horizontal: 2 - 0.1 H       NP312L     Vertical: 20, 1H, Horizontal: PX800X2 - 0.43V - 0V P750U2       Lamp (Eco Mode On / Eco Mode Off)     320 W / 400 W AC       Lamp (Eco Mode On / Eco Mode Off)     320 W / 400 W AC       Lamp (Eco Mode On / Eco Mode Off)     2500 H / 2000 H       Image Size (Projection Distance)     See the * Throw Distance and Screen Size* shown of 10-bit signal processing (1.07 billion colourcy) (Viewer, Network : 16.7 million (Source) (Viewer, Network : 16.7 m	max v/PX700W2+0.5V~- int bottom ion colours) 8000 ANSI Im st st ed AccuBrend ) 40 degrees						
INP31ZL     Vertical: ±0.1H,Horizontal:PX800X2 ±0.43V0V P750U2       Lamp (Eco Mode On / Eco Mode Off)     230W / 400W AC       Lamp (Eco Mode On / Eco Mode Off)     2500 H / 2000 H       Image Size (Projection Distance)     See the * Throw Distance and Screen Size* shown of Colour Reproduction       Colour Reproduction     (1.07 billion colours) (Wever, Network: 16.7 million (1.07 billion colours) (Wever, Network: 16.7 million colours) (Wever, Network: 16.2 million	V/PX700W2+0.5V~ on the bottom on colours) 8000 ANSI Im at st 40 degrees						
Lamp (Eco Mode On / Eco Mode Off)     320 W / 400 W AC       Lamp Life" (Eco Mode On / Eco Mode Off)     2500 H / 2000 H       Lamp Life" (Eco Mode On / Eco Mode Off)     See the * Throw Distance and Screen Size* shown of 10-bit signal processing       Calour Reproduction     10-bit signal processing       Light Output**s     Eco Mode Off       Eco Mode Off     7500 ANSI Im       Uight Output**s     Eco Mode Off       Eco Mode Off     7500 ANSI Im       Concurst Ratio (White / Black)*3     1000 : 1/2100 : 1 with Dynamic Contrast Maximum Resolution       Scan Rate     Horizontal       Vertical     48/Lx to 108/Hz (RGB: 24/Hz or overf conforms to the VESA standard       Vertical     Manual Approx.       Vertical     Manual Approx.       Vertica     Manual Approx.       Vertica     Manual Approx.       Vertica     1 × Dist JS per JS protect astandard       T × Mini DP-suproter     1 × Mini DP-suproter Astandard       Vertica     Manual Approx.       Vertica     Manual Approx.       Vertica     Manual Approx.       Using Japport     1 × Dist JS protect Astandard       1 × Dist JS protect     1	on the bottom ion colours) 8000 ANSI Im st ced AccuBrend ) 40 degrees						
Lamp Life* <sup>2</sup> (Eco Mode On / Eco Mode Off)     2500 H / 2000 H       Image Size (Projection Distance)     See the * Throw Distance and Screen Size* shown of       Colour Reproduction     10-bit signal processing       Light Output***     Eco Mode Off       Your State     10-bit signal processing       (1.07 billion colours) (Viewer, Network: 16.7 milli       Upth Output***     Eco Mode Off       Contrast Rato (White / Black)**     1000 11.200 11.100 Phymic Contrast       Maximum Resolution     1920 x 1200     1920 x 1200 with advanc       Scan Rate     Horizontal     48Hz to 100kHz (Black)*     15kHz to 100kHz (Black)*       Vertical     Vertical     48Hz to 120Hz (HOHL)*     1 x HDA 200 kgress       Input     Computer 12 component     2 x Mini D-Sub 15 pin (Computer 142 N, 1 x 5 BBK)*     Vertica       Vertica     Manual Approx.     Max 30 degrees     Manual Approx.x-Max 30 degrees       Input     Eoroputer 12 component     2 x Mini D-Sub 15 pin (Computer 142 N, 1 x 5 BBK)     1 x HDM Type A HDCP Supported       DisplayPort     1 x HDM Type A HDCP Supported     1 x HDM Type A HDCP Supported     1 x HDN Type A HDCP Supported       Output Terminals     1 x Mini D-Sub 15 pin (Only Computer 11	ion colours) 8000 ANSI Im st ced AccuBrend ) 40 degrees						
Image Size (Projection Distance)     See the * Throw Distance and Screen Size* shown ( Colour Reproduction       Colour Reproduction     10-bit signal processing (1.07 billion colours) (Viewer, Network : 16.7 million (With N°16FL)       Light Output***     Eco Mode Off     7500 ANSI im     7000 ANSI im       Maximum Resolution     1920 x 1200     1920 x 1200     11200 t 1200 with advance conforms to the VESA standard       Vertical     Vertical     484rz to 1204rg (HDMI : 50Hz to 684rd) conforms to the VESA standard       Vertica     Manual Approx. #Max 36 degrees     Manual Approx. #Max 36 degrees       Input HDMI     1 x HDMI : 50Hz PS Supported S-Video     1 x HDMI : 50Hz PS Supported S-Video       Output Terminals     2 x Mini D-Sub 15 pin (Computer 182 IN), 1 x 5 BNC ( S-Video     1 x HDMI : 50Hz PS Supported S-Video       Output Terminals     1 x Mini DN-4pin Sel (Video     1 x Mini DN-4pin Sel (Video     1 x Nini DN-4pin Sel (Video       Output Terminals     1 x Mini D-Sub 15 pin (Computer 182 IN), 1 x 5 BNC ( Sel (Video     1 x Mini DN-4pin Sel (Video     1 x Nini DN-4pin Sel (Video       Output Terminals     1 x Mini D-Sub 15 pin (Computer 11 input car 1 x TypeA (for Mouse, Keyword, USB mem Wireless LAN (USB Port)     1 x Mini D-Sub 15 pin (Computer 1 input car 1 x TypeA (for Mouse, Keyword, USB ADR)	ion colours) 8000 ANSI Im st ced AccuBrend ) 40 degrees						
Colour Reproduction     10-bit signal processing (1.07 billion colours) (Merver, Network : 167, million (1.07 billion colours) (Merver, Network : 167, million (1.07 billion colours) (Merver, Network : 167, million (Network : 167, million (1.07 billion colours) (Merver, Network : 167, million (Network : 16	ion colours) 8000 ANSI Im st ced AccuBrend ) 40 degrees						
(1.07 billion colours) (Viewer, Network: 16.7 million colours)	8000 ANSI Im st ced AccuBrend ) 40 degrees						
(with NP16FL)     Eco Mode On     Approx. 80% of Eco Mode Ort       Contrast Ratio (White / Black)*     1000 : 1/2100 : 1 with Dynamic Contrast       Maximum Resolution     1920 x 1200     1920 x 1200 with advanc       Scan Rate     Horizontal     1920 x 1200     1920 x 1200 with advanc       Vertical     484/z to 1084ktz (RGB : 244ktz or over controms to the VESA standard     Vertical     484/z to 1204kt (RGB : 244kt or over controms to the VESA standard       Vertical     484/z to 1204kt (RDB : 244kt or over controms to the VESA standard     Vertica     484/z to 1204kt (RDB : 244kt or over controms to the VESA standard       Input     Computer / Component     *Maxi 36 degrees     Manual Approx4Max 30 degrees       Input     Computer / Component     2 × Mini D-Sub 15 pin (Computer 142 NI), 1 × 5 BNC i Svideo     1 × IDPA HDCP Supported       Svideo     1 × Nini D-Sub 15 pin (Crip Computer 142 NI), 1 × 5 BNC i Output Terminals     1 × Mini D-Sub 15 pin (Crip Computer 142 NI), 1 × 5 BNC i Output 2 SND for Option Unit       Output Terminals     1 × Mini D-Sub 15 pin (Crip Computer 142 NID API	st sed AccuBrend ) 40 degrees						
Contrast Ratio (White / Black) <sup>44</sup> 1000 : 1/2100 : 1 with Dynamic Contrast Maximum Resolution       Scan Rate     Horizontal     1920 x 1200     11920 x 1200 with advance conforms to the VESA standard       Vertical     Vertical     24Hz o rough conforms to the VESA standard     24Hz o rough conforms to the VESA standard       Imput Terminals     Morizontal     Manual Approx. #Max 35 degrees     Manual Approx. #Max 35 degrees     Manual Approx. Manual Approx. #Max 35 degrees       Imput Terminals     Computer / Component     2 x Mini D-Sub 15 pin (Computer 182 IN), 1 x 5 BNC [ S-Video     1 x IDNI Pop A HDCP Supported       Output Terminals     Stot or Option Unit     1 x Mini DN-4pin       Output Terminals     1 x Mini D-Sub 15 pin (Computer 182 IN), 1 x 5 BNC [ S-Video       Output Terminals     1 x Mini D-Sub 15 pin (Only Computer 1 Input       Output Terminals     1 x Mini D-Sub 15 pin (Only Computer 1 Input Computer 1 Input Sub 15 pin (Only Computer 1 Input Camputer 1	) ) 40 degrees						
Maximum Resolution     1920 x 1200     1920 x 1200 with advance       Scan Rate     Horizontal     154kt z 0 role 12 ktHz or over conforms to the VESA standard       Vertical     Vertical     24ktP z over conforms to the VESA standard       Keystone Correction     Horizontal     Manual Approx. Wertica     Manual Approx. Manual Ap	) ) 40 degrees						
Scan Rate     Horizontal     15kHz to 108kHz (RGB: 24kHz or over) conforms to the VESA standard       Vertical     48kz to 120kHz (RDB): 20kHz to 85kHz conforms to the VESA standard       Keystone Correction     Horizontal     Manual Approx. ±Max 35 degrees       Input     Computer / Component     2 × Mini D-Sub 15 pin (Computer 1&2 IN), 1 × 5 BNC ( HDMI       Terminals     Computer / Component     1 × HDMI Type A HDCP Supported S-Video       Svideo     1 × Mini DN-4pin       Output Terminals     Slot for Option Unit Option Slot       Output Terminals     1 × Mini DN-4pin Slot Or Option Unit Niceo       Viredes     1 × Mini DN-4pin Slot Or Option Unit Niceo       Wired LAN Port     1 × TypeA (for Mouse, Keyword, USB mem Yired LAN Port	) 40 degrees						
conforms to the VESA standard       Vertical     d8Hz to 150Hz (H0ML) S0Hz to 55Hz to 75Hz to 15Hz to 55Hz to 75Hz to 75	40 degrees						
Composition     Horizontal     Conforms to the VESA standard       Keystone Correction     Horizontal     Manual Approx. ±Max 35 degrees     Manual Approx.±Max Manual Approx.±Max 30 degrees       Input     Computer 125 (Mini D-Sub 15 pin (Computer 142 Mini 1 × HDMI Type A HDCP Supported DisplayPort     1 × Hini DisplayPort HDCP Supported S-Video     1 × Hini DisplayPort HDCP Supported 1 × Mini Dis-4pin       Output Terminals     0 × Video     1 × Mini Dis-4pin     1 × BinC       Output Terminals     1 × Mini D-Sub 15 pin (Computer 11 × HDM USB Port     1 × Mini D-Sub 15 pin (Control Computer 1 input car 1 × TypeA (for Mouse, Keyword, USB mem Wirred LSA N Port     1 × Mini D-Sub 15 pin (Control T × TypeA	40 degrees						
#Max 35 degrees     Manual Approx.*Max       Input     Computer / Component     2 × Mini D-Sub 15 pin (Computer 182 IN), 1 × 5 BNC [       Terminals     DisplayPort     2 × Mini D-Sub 15 pin (Computer 182 IN), 1 × 5 BNC [       HDMI     1 × HDMI Type A HDCP Supported       S-Video     1 × Mini DIN-4pin       Video     1 × BNC       Option Slot     Slot for Option Unit       USB Port     1 × Mini D-Sub 15 pin (Computer 1 input car       USB Port     1 × Mini D-Sub 15 pin (Only Computer 1 input car       Wired LAN Port     1 × RU45 (108ASE-T/ 1008ASE-T/ 1008ASE-T/	-						
Input     Computer / Component     2 × Mini D-Sub 15 pin (Computer 142 IN), 1 × 5 BNC ( HDMI       Terminals     HDMI     1 × HDMI Type A HDCP Supported DisplayPort     1 × HDMI Type A HDCP Supported 1 × DisplayPort HDCP Supported S-Video       S-Video     1 × Mini DI-Sub 15 pin (Orr Component Video     1 × BNC 1 × BNC       Option Slot     Slot for Option Unit USB Port     1 × Mini D-Sub 15 pin (Orr Computer 1 input car 1 × TypeA (for Mouse, Keyword, USB mem 1 × TypeA (for ASE-T/ 100BASE-T/ 100BAS							
Interminals     HDMI     1 × HDMI Type A     HDCP Supported       DisplayPort     1 × DisplayPort     1 × DisplayPort     1 × DisplayPort     1 × DisplayPort       S-Video     1 × Mini Dirw4pin     1 × Mini Dirw4pin     1 × Mini Dirw4pin       Option Slot     Slot for Option Unit     Slot for Option Unit       Output Terminals     1 × Mini D-Sub 15 pin (Only Computer 1 input car       USB Port     1 × TypeA (for Mouse, Keyword, USB mem       Wireless LAN (USB Port)     1 × Ry45 (fot BASE-T/ 100BASE-T/ 100BASE-T/							
DisplayPort     1 × DisplayPort. HDCP Supported       S-Video     1 × Mini DIN-4pin       Video     1 × BNC       Option Slot     Slot for Option Unit       Output Terminals     1 × Mini D-Sub 15 pin (Only Computer 1 input car       USB Port     1 × TypeA (for Mouse, Keyword, USB mem       Wireless LAN (USB Port)     1 × TypeA (for Mouse, Keyword, USB mem       1 × TypeA (for Mouse, Keyword, USB mem     1 × TypeA (for Mouse, Keyword, USB mem       1 × TypeA (for Mouse, Keyword, USB mem     1 × TypeA (for Mouse, Keyword, USB mem	(Computer 3 IN)						
S-Video     1 × Mini DIN-4pin       Video     1 × BNC       Option Slot     Slot for Option Unit       Output Terminals     1 × Mini D-Sub 15 pin (Only Computer 1 input car       USB Port     1 × Mini D-Sub 15 pin (Only Computer 1 input car       Wreidess LAN (USB Port)     1 × TypeA (for Mose, Keyword, USB mem       Wireld LAN Port     1 × RJ45 (10BASE-T) (10BASE-T)							
Video     1 × BNC       Oprion Slot     Oprion Slot for Option Unit       Output Terminals     1 × Mini D-Sub 15 pin (Only Computer 1 input car       USB Port     1 × TypeA (for Mouse, Keyword, USB mem       Wireless LAN (USB Port)     1 × TypeA (for Mouse, Keyword, USB mem       Wireless LAN (USB Port)     1 × RJ45 (10BASE-T/ 100BASE-T/ 100							
Oprition Slot     Slot for Option Unit       Output Terminals     1 x Mini D-Sub 15 pin (Only Computer 1 input car       USB Port     1 x TypeA (for Mouse, Keyword, USB mem       Wireless LAN (USB Port)     1 x TypeA       Wirel LAN Port     1 x NpeA (10BASE-T/ 100BASE-T/ 100							
Output Terminals     1 × Mini D-Sub 15 pin (Only Computer 1 input car       USB Port     1 × TypeA (for Mouse, Keyword, USB mem       Wireless LAN (USB Port)     1 × TypeA       Wirel LAN Port     1 × RJ45 (10BASE-T / 100BASE-TX)							
USB Port 1 × TypeA (for Mouse, Keyword, USB mem Wireless LAN (USB Port) 1 × TypeA Wired LAN Port 1 × R44 (108ASE -T/ 100BASE -T/	1 × Mini D-Sub 15 pin (Only Computer 1 input can be output)						
Wireless LAN (USB Port)     1 xTypeA       Wired LAN Port     1 x RJ45 (10BASE-T / 100BASE-TX)	1 × TypeA (for Mouse, Keyword, USB memory)						
	1 ×TypeA						
Control Terminale BC Control 1 v D Sub 9 pin							
	1 × D-Sub 9 pin						
Wired Remote 1 × Stereo Mini Jack							
Quietness (Eco Mode On / Eco Mode Off) 39dB / 43dB							
	0°C to 40°C, 20% to 80% Humidity (Non-Condensing)						
	-10°C to 50°C, 20% to 80% Humidity (Non-Condensing)						
Power Requirement 100 to 240VAC, 50Hz/60Hz	idenailig)						
	(PX750U2 / PX700W2 / PX800X2 : 200 to 240VAC, 50Hz / 60Hz)						
Input Current (100 to 120V / 200 to 240V AC) 10.8A - 4.3A / 5.2A							
Power Consumption Normal Dual 1006 W / 958 W 969 W / 931 W	963 W / 927 W						
(100 to 130V AC / Single 530 W / 515 W 506 W / 494 W	500 W / 489 W						
200 to 240V AC) Eco Dual 810 W / 777 W 778 W / 753 W Single 439 W / 429 W 413 W / 405 W	777 W / 752 W 412 W / 404 W						
Stand-     Normal mode     33 W / 34 W     27 W / 27 W	28 W / 28 W						
by Network Standby 23 W / 23 W 17 W / 18 W	19 W / 18 W						
Power-saving 0.2 W / 0.4 W							
Calorific Value 3433 BTU (Max) 3306 BTU (Max)	3286 BTU (Max)						
Dimensions (W x H x D) 504 mm x 192 mm x 516 mm (Not Including Pro							
Weight (Not including Lens) 19.7 kg							
Gross Dimensions (W x H x D) 646 mm x 419 mm x 720 mm							
Gross Weight 28.6 kg							
CD-ROM(User's manual/Utility software	Remote control, Batteries(AA x 2), Power code, CD-ROM(User's manual/Utility software), Dust cap for lens, Quick setup guide, Important information						
	e),						
	e), information						
Regulations For United States UL Approved (UL 60950-1), meets FCC Class B re	e), information requirments						
	e), information requirments iss B requirements -2, EN61000-3-3),						
Regulations     For United States     UL Approved (UL 60950-1), meets FCC Class B n For Canada       For Canada     C-UL Approved (CSA 60950-1), meets DCC Canada Cla For Europe     Meets ERC Directive (ENS022, ENS024, 24, MS1000-3)	e), information requirments iss B requirements -2, EN61000-3-3), & Approved)						
Regulations     For United States     UL Approved (UL 60950-1), meets FCC Class B n       For Canada     C-UL Approved (CSA 60950-1), meets DCC Canada Cla       For Europe     Meets EMC Directive (EN55022, EN55024, EN51000-3- meets Low Voltage Directive (EN60950-1, TUV GS)	e), information requirments iss B requirements 2, EN61000-3-3), 5 Approved) iss B						
Regulations     For United States     UL Approved (UL 60950-1), meets FCC Class B n       For Canada     C-UL Approved (CSA 60950-1), meets DCC Canada Cla       For Europe     Meets EMC Diracitve (ENS5022, ENS5024, ENV100-3- meets Low Voltage Directive (ENG505-1, TUV GS       For Asia/Oceania     IEC60950-1, meets APUC SCISPL2 Class	e), information requirments iss B requirements 2, EN61000-3-3), 5 Approved) iss B						
Regulations     For United States     UL Approved (UL 60950-1), meets FCC Class B n       For Canada     C-UL Approved (CA 60950-1), meets DOC Canada Class       For Europe     Meets EMC Directive (IRSA2022, ENS5024, ENS1004-3, meets Low Voltage Directive (IRS06950-1, TWU 63)       For Asia/Oceania     IEC60950-1, meets AS/NZS CISPR-22 Class       For Korea     KC (Safety: K60950-1, EMC: K00022, K00024, K00	equirments esquirments ss B requirements 2, EN61000-3-3), Approved) ss B 0024						

#### Options

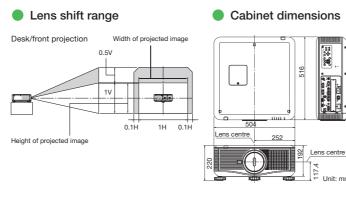


3GHD/SD-SDI SB-04HC

Replacement lamp NP22LP Replacement filter NP02FT Wireless LAN unit

1.5G HD/SD-SDI board SB-01HC SBC N8000-8866 / N8000-8 N8000-8830 / N8000-8822

Model name of the optional wireless LAN unit varies depending on the country where the unit is used (or to be used). NP02LM1 : United States, Canada, Mexico, Taiwan, Brazil, Colombia NP02LM2 : Europe, United Arab Emirates, Saudi Arabia, Oman, South Africa, Turkey, Ulrraine, Egypt, Israel, Australia, New Zealand, Japan, Thailand, China, Hong Kong, Singapore, South Korea, Sri Lanka, Pakistan, Vietnam, India, Indonesia, Philippines, Peru, Chile, Argentina, Ecuador NP02LM3 : Bussia



· Effective pixels are more than 99 99%

 2 The Lens Shift function in not available for the NP16FL.
3 : Lamp life is defined as the average time span for the brightness of the lamp to be reduced by half, it does not refer to the warranty period for the lamp. : This is the light output value (ANSI lumens) when the [PRESET] mode is set to [HIGH-BRIGHT]. If any other mode is selected as the [PRESET] mode, the light output value may drop slightly.

5 : Compliance with ISO21118-2005

HDCP is an acronym for High-bandwidth Digital Content Portection.High banwidth Digital Content protection (HDCP) is a system for illegarl copyng of videio data sent over a Digital Visual Interface (DVI) If you are unable to view material via the HDMI and DisplayPort input, this does not necessarily mean the projector is not functioning properly. With the implementation of HDCP, there may be cases in which certain content is protected with HDCP and might not be displayed due to the decision/intention of the HDCP community (Digital Content Protection, LLC)

All specifications are subject to change without notice.

1.9-2.6 2.4-4.9 2.3-3.1 2.9-5.9 5. 3.1-4.1

3.9-7.9 7 3.9-5.2 4.9-9.9 9.7 4.7-6.2

5.9-11.9 5.9-7.8 7.4-14.9 1 9.9-19.9 9.5-12.5 11.9-23.9 23. 14.9-29.9 9 13.8-18.3 17.5-34.9 34 15.8-20.9 20.0-39.9 39 17.8-23.5 22.5-44.9 44. 19.8-26.2 25.0-49.9 49

		NP06FL	NP07ZL	NP08ZL	NP09ZL	NP10ZL	NP16FL	NP31ZL	NP17ZL	NP18ZL	NP19ZL	NP20ZL	NP21ZL		
		Car	( Bell	6 Jer	C and	( and	(Part)		( Ja	C Let	1	0.60			
Lens Type     Fixed Short Throw Lens     Zoom Lens     Fixed Short Throw Lens     Zoom Lens															
Zoom/Focus		Powered focus		Powered zoo	m and focus		Powered focus		Powered zoom and focus						
Zoom Ratio		-	1.34	1.32	2.00	1.87	-	1.25	1.41	1.31	1.65	1.5	1.55		
Throw Ratio	PX750U2			-			0.76 : 1	0.75-0.93 : 1	1.25-1.79 : 1	1.73-2.27 : 1	2.22-3.67 : 1	3.58-5.38 : 1	5.31-8.26 : 1		
	PX700W2	0.77.4	1.33-1.79:1	1.78-2.35:1	2.22-4.43:1	4.43-8.3:1	-	0.79-0.98 : 1	-						
	PX800X2	0.77:1						0.77-0.97 : 1							
F		2.0	1.8-2.3	1.7-1.9	2.1-2.9	2.2-3.1	1.85	1.96-2.30	1.85-2.50	1.64-1.86	1.86-2.48	1.85-2.40	1.85-2.48		
f (mm)		11.4	19.3-25.8	26.0-34.0	32.0-63.0	63.5-117.4	11.6	11.3-14.1	18.7-26.5	25.7-33.7	32.91-54.23	52.8-79.1	78.5-121.9		
Screen Size		50-200 inches		40-500	inches		50-300 inches	inches 40-500 inches 50-300 inches							
Light Output	PX750U2			-			7100 ANSI Im	6200 ANSI Im	6800 ANSI Im	7500 ANSI Im	600 ANSI Im 6900 ANSI Im 6600 ANSI Im				
	PX700W2	5800 ANSI Im	6400 ANSI Im	7000 ANSI Im	6400 ANSI Im	5000 ANSI Im	-	5800 ANSI Im			-				
	PX800X2	6700 ANSI Im	7300 ANSI Im	8000 ANSI Im	7300 ANSI Im	5700 ANSI Im	-	6700 ANSI Im			-				
Lens Shift*1	Vertical	0		+0.	5V		0	+0.5V *2	+0.5V						
	Horizontal	0		±0.	1H		0	±0.1H	±0.1H						
Weight		1.0 kg	1.1 kg	0.8 kg	1.1 kg	0.9 kg	0.9 kg	1.3 kg	1.1 kg	0.8 kg	1.0 kg	1.0 kg	1.4 kg		

\*1 :Combination of 0.5V and -0.1H is not available (PX750U2, PX700W2), Combination of 0.43V-0.1H is not available (PX800X2), \*2 :The value is at PX750U2/PX700W2, 0.43V at PX800X2

#### Throw Distance and Screen Size

Lens specifications

PX750U2 (Aspect ratio 16:10)								PX700W2 (Aspect ratio 16:10)				
Screen size						Screen size						
(W x H)	NP16FL	NP31ZL	NP17ZL	NP18ZL	NP19ZL	NP20ZL	NP21ZL	(W x H)	NP06FL	NP31ZL	NP07ZL	
50" (1.08 x 0.64)	0.8	0.8-1.0	1.3-1.9	1.8-2.4	2.4-4.0	3.8-5.8	5.6-8.9	40" (0.86 x 0.	54)	-	0.7-0.8	1.1-1.6
								50" (1.08 x 0.	64)	0.8	0.8-1.1	1.4-2.0
60" (1.29 x 0.81)	1.0	1.0-1.2	1.6-2.3	2.2-2.9	2.8-4.8	4.6-7.0	6.8-10.7	60" (1.29 x 0.	81)	1.0	1.0-1.3	1.7-2.4
80" (1.72 x 1.08)	1.3	1.3-1.6	2.2-3.1	3.0-3.9	3.8-6.4	6.2-9.3	9.1-14.4	80" (1.72 x 1.	08)	1.4	1.4-1.7	2.3-3.2
00 (1.72 x 1.00)	1.5	1.5-1.0	2.2-0.1	0.0-0.3	0.0-0.4	0.2-3.5	3.1-14.4	100" (2.15 x 1	.35)	1.7	1.7-2.1	2.9-4.0
100" (2.15 x 1.35)	1.7	1.6-2.0	2.7-3.9	3.7-4.9	4.8-8.0	7.7-11.7	11.5-18.1	120" (2.59 x 1	.62)	2.1	2.1-2.6	3.5-4.8
120" (2.59 x 1.62)	2.0	2.0-2.5	3.3-4.7	4.5-5.9	5.8-9.6	9.3-14.1	13.8-21.7	150" (3.23 x 2	.02)	2.6	2.6-3.2	4.4-5.9
120 (2.59 X 1.02)	2.0	2.0=2.5	3.3-4.7	4.5-5.9	5.8-9.0	9.3-14.1	13.8-21.7	200" (4.31 x 2	.69)	3.5	3.5-4.3	5.9-7.9
150" (3.23 x 2.02)	2.5	2.5-3.1	4.1-5.8	5.6-7.4	7.2-12.0	11.7-17.6	17.4-27.3	240" (5.17 x 3	.23)	-	4.2-5.2	7.1-9.5
								300" (6.46 x 4	.04)	-	5.2-6.5	8.9-11.9
200" (4.31 x 2.69)	3.4	3.3-4.1	5.5-7.8	7.5-9.9	9.7-16.1	15.6-23.5	23.3-36.4	350" (7.54 x 4	.71)	-	-	10.4-13.9
240" (5.17 x 3.23)	4.1	4.0-5.0	6.6-9.4	9.1-11.9	11.6-19.3	18.8-28.3	28.0-43.8	400" (8.62 x 5	.39)	-	7.0-8.7	11.8-15.9
								450" (9.69 x 6	.06)	-	7.8-9.8	13.3-17.9
300" (6.46 x 4.04)	5.1	5.0-6.2	8.2-11.7	11.3-14.9	14.5-24.1	23.5-35.4	35.0-54.8	500" (10.77 x 6	.73)	-	8.7-10.9	14.8-19.9

ector can be unplugged during its cool down period after it is turned off. the projector will become heated during operation.									н	LP and t DMI, the /indows
5.0-6.2	8.2-11.7	11.3-14.9	14.5-24.1	23.5-35.4	35.0-54.8		500" (10.77 x 6.73)	-	8.7-10.9	14.8-19.
							450" (9.69 x 6.06)	-	7.8-9.8	13.3-17.
4.0-5.0	6.6-9.4	9.1-11.9	11.6-19.3	18.8-28.3	28.0-43.8		400" (8.62 x 5.39)	-	7.0-8.7	11.8-15.
3.3-4.1 5.5-	5.5-7.8	7.5-9.9	9.7-16.1	15.6-23.5	23.3-36.4		350" (7.54 x 4.71)	-	-	10.4-13.
3.3-4.1	5.5-7.8	7.5-9.9	07404	45 0 00 5	00 0 00 4		300" (6.46 x 4.04)	-	5.2-6.5	8.9-11.9
2.5-3.1	4.1-5.8	5.6-7.4	7.2-12.0	11.7-17.6	17.4-27.3		240" (5.17 x 3.23)	-	4.2-5.2	7.1-9.5

The project Parts of th Tails of the projection with become neared using operation. Use caution when picking up the projector immediately after it has been operating. Use caution when putting the projector in the soft case immediately after the projector has been operating. The projector cabinet is hot.

#### PX800X2 (Aspect ratio 4:3)

	Screen size	Lens model name										
	(W x H)	NP06FL		NP07ZL	NP08ZL	NP09ZL						
8-7.3	40" (0.81 x 0.61)	-	0.6-0.8	1.1-1.4	1.4-1.9	1.8-3.6	3.5-6.8					
8-9.1	50" (1.02 x 0.76)	0.8	0.8-1.0	1.3-1.8	1.8-2.4	2.2-4.6	4.5-8.5					
8-11.0	60" (1.22 x 0.91)	0.9	0.9-1.2	1.6-2.2	2.2-2.9	2.7-5.5	5.4-10.2					
8-14.7	80" (1.63 x 1.22)	1.3	1.3-1.6	2.2-2.9	2.9-3.8	3.6-7.3	7.2-13.7					
7-18.4	100" (2.03 x 1.52)	1.6	1.6-2.0	2.7-3.7	3.6-4.8	4.6-9.2	9.0-17.2					
7-22.1	120" (2.44 x 1.83)	1.9	1.9-2.4	3.3-4.4	4.4-5.8	5.5-11.1	10.9-20.6					
7-27.7	150" (3.05 x 2.29)	2.4	2.4-3.0	4.1-5.5	5.5-7.3	6.9-13.9	13.6-25.8					
6-36.9	200" (4.06 x 3.05)	3.2	3.2-4.0	5.5-7.4	7.3-9.7	9.2-18.5	18.2-34.5					
5-44.3	240" (4.88 x 3.66)	-	3.9-4.9	6.6-8.9	8.8-11.7	11.1-22.2	21.9-41.4					
5-55.5	300" (6.10 x 4.57)	-	4.8-6.1	8.3-11.1	11.1-14.6	13.9-27.8	27.4-51.8					
4-64.7	350" (7.11 x 5.33)	-	-	9.6-13.0	12.9-17.0	16.2-32.5	32.0-60.4					
3-74.0	400" (8.13 x 6.10)	-	6.5-8.1	11.0-14.8	14.8-19.5	18.6-37.1	36.6-69.1					
3-83.3	450" (9.14 x 6.86)	-	7.3-9.1	12.4-16.7	16.6-21.9	20.9-41.8	41.2-77.7					
2-92.5	500" (10.16 x 7.62 )	-	8.1-10.2	13.8-18.6	18.5-24.4	23.2-46.4	45.8-86.4					

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All other trademarks are the property of their respective owners

The images in this brochure are samples. Cat.No. WDPJ-1407-527S **Installation Projector** 

# PX750U2/PX700W2/PX800X2

High brightness of 7,000 to 8,000 lumens suitable for large venues and screen sizes and producing outstanding image quality.







As well as high brightness and image quality, this installation model is designed for easy installation with the use of a centre lens.

# Achieves High Brightness and High Image Quality

# Projection of large images with a high brightness of 8000 lm (with PX800X2)

Achieves high brightness of 8000 Im through the use of a two-light lamp system. Capable of projecting clear images even onto large screens.

Supports high brightness projection equivalent to a maximum of 32000 Im\*1 via a stack installation

and using a dedicated software\*2.

\*1: When using four projectors of PX800X2. This will vary depending on factors like the installation environment.

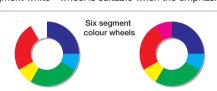
\*2: The software will be downloadable. at http://www.nec-display.com/dl/en/pj soft/eula/index sct.html

# Two types of six segment colour wheels that can be chosen to suit the purpose

Exchangeable colour wheels that suit the type and colour shade of the projected image. The 6 segment white\*1 wheel is suitable when the emphasis

Red green blue oven white vellow

is on brightness, while the 6 segment colour\* wheel is suitable when focusing on the colour shade.



\*2: Red green blue ovan magenta vello

Wide range of input/output terminals such as HDMI and DisplayPort

# **Pursuing easy to install**

# Lens shift function

By using the electric lens shift function, you can adjust the position of the projected screen up and down, and from side to side even after installation.

# Lens memory function

The adjusted values can be stored in projector memory when using the LENS SHIFT, ZOOM and FOCUS buttons of the projector. Adjusted values can be applied to the signal you selected. This will eliminate the need to adjust lens shift, focus, and zoom at the time of source selection.

\*NP06FL does not support the Lens memory function. With NP07ZL/NP08ZL/NP09ZL/NP10ZL, only value of LENS SHIFT can be stored. With NP16FL, value of LENS SIFT/LENS ZOOM can not stored

# Supports dual layers stacking

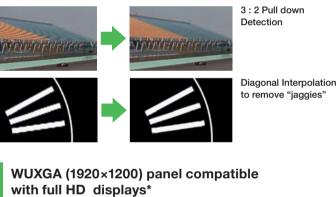
Stacking to two layers can be facilitated by using the supplied columns. In this case, 16000 lumens\* of high brightness projection is available. \*with PX800X2

### Cinema quality video using Hollywood Quality Video processing

HD-like vivid and crisp DVD images can be projected through Hollywood Quality Video which excels at following points and enrich your cinematic experience.

- Random and Mosquito Noise Reduction
- Video and Film Cadence Detection (3:2 and 2:2 pull down)
- · Per-pixel Motion Adaptive De-interlacing
- Detail Enhancement

#### · Full 10-bit Processing, Scaling and Warping



Utilises a high resolution WUXGA panel that enables the reproduction of even high-quality full HD content in its original beauty. \*with PX750U2

360° installation angle (tilt-free) that enables vertical projection



#### Various type of lenses are available

This series supports 7 types\* of optional lenses, providing a selection of lenses adapted for a variety of installation requirements. In addition, the lenses can be mounted and removed in one touch

\*the lenses are option and for the detail and use condition, please see P4. 6 types for PX700W2 and PX800X2

# Centre lens

This function makes it easy to align the projector to the screen.



# **Accommodates Diverse Projection Needs**

# **Geometric correction\***

This feature adjusts the image when projecting onto specially shaped screen as below to expand your installation options. \*The software is downloadable at http://www.nec-display.com/dl/en/pj\_soft/eula/index\_gct4.html

# Lens shutter that lets you cut off the projected image when necessary

During projection, you can temporarily turn off the projected image by pressing the shutter button on the main unit or on the remote control. This is handy when you would like to interrupt the image while it is being projected.

# Seamless switching

**WUXGA** 

When the input is switched, the image displayed before switching is held so that you can see smooth image changing without black image

19.7kg Not including



\*for PX750U2 only.

**WXGA** 



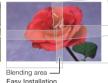
19.7kg Not includi

#### Multi screen function allowing for near seamless joins between screens

There are two methods to do this. One method involves no limit on the number of the projectors that can be used and that there is no limit to the display resolution. Manual edge blending is a standard function of the projector. \* Another method, easy installation than the first method can also be used. It uses the detection of image distortion by use of a web camera and software, whereby the software will automatically perform the distortion correction.



ending area — 👉 No resolution limitation



high degree of installation precision and an appropriat graphics board that suppor edge blending is required.

#### Equipped with an optional slot compatible with SDI units and Open Pluggable specifications

- Image Express Utility 2.0/Image Express Utility 2 for Mac
- PC Control Utility Pro 4 / Pro 5 (the attached software) is compatible with Windows 8/7/Vista/XP
- CRESTRON ROOMVIEW<sup>™</sup>
- Wired LANs and wireless LANs (optional)

XGA



19.7kg Not including