

Delivering Excellence with high Performance Short Throw Projector.

CK4255XG / CK4155XG / CK4155WG



CK4255XG

| | | |
|------------------|-----|-------|
| 3,700 ANSI Lumen | XGA | 5.2kg |
|------------------|-----|-------|

CK4155XG

| | | |
|------------------|-----|-------|
| 3,300 ANSI Lumen | XGA | 5.2kg |
|------------------|-----|-------|

CK4155WG

| | | |
|------------------|------|-------|
| 3,200 ANSI Lumen | WXGA | 5.2kg |
|------------------|------|-------|

Built for convenience while delivering powerful visuals, CK Series projectors are ideal for on the go improvised meetings, small room conferences and excellent for classrooms. These projectors are durable with a **lamp life of up to 10,000hours**, keeping you in check for the next meeting. Assigned with a unique feature of remote controls, multiple projectors can be operate at your fingertips with little to no hassle.

Great Visuals with Integrated Audio

Innovated with a 15,000 : 1 with iris contrast ratio, images produced are clear and crispy. Accompanied with integrated speaker, it gives the realistic environment to the contents, bringing it to life.

Auto Power ON/OFF, Quick Start

Auto Power ON/OFF and Direct Power OFF features eliminates the need to always operate the power switch. Additionally, CK Series's quick start function will project the images quickly in 6 seconds.

Preventing unauthorized use of projector

Keep your projector secure with enhanced smart security for keyword protection, cabinet control panel lock, security slots, and security chains.

Remote controlling

Mutiple projectors and be operated separately and independently with the same single remote control by assigning an ID number to each projector.

Free multi-display management software

NaViSet Administrator-2 software is an all-in-one remote support solution that runs from a central location and provides monitoring, asset management and control functionality for a majority of NEC display services and Windows computers. It is ideal for multi-device installations over larger infrastructures.

Specifications

| Model | NP-CK4255XG | NP-CK4155XG | NP-CK4155WG |
|--|---|--|---|
| Projector Type | 3 LCD Type | | |
| Resolution | XGA (1024dots x 768lines) | | WXGA (1280dots x 800lines) |
| Lens | 1.4x optics | | |
| | F:1.80 / f=6.08mm Throw ratio = 80" @ 0.75m | F:1.80 / f=6.08mm Throw ratio = 80" @ 0.75m | F:1.80 / f=6.08mm Throw ratio = 80" @ 0.79m |
| Light source (lamp) | ECO mode off | 225W | |
| Lamp life*1 | ECO mode off | 5,000H | |
| | NormalECO | 6,000H | |
| | ECO mode | 10,000H | |
| Image size (Performance guarantee range) | 1.20~2.540m (50"~100") | | |
| Light output *2 *3 | ECO mode off | 3,700 ANSI Lumen | 3,300 ANSI Lumen |
| | ECO mode | Approx 60% | |
| Contrast ratio (white / black)*2 *3 | 15,000 : 1 with Iris | | |
| Maximum resolution | Up to WUXGA (1920x1200 with Advanced AccuBlend, Pixel clock frequency : less than 155MHz) | | |
| Synchronization range | Horizontal | 15 to 100KHz (RGB: 24kHz or over) | |
| | Vertical | 50 to 120Hz | |
| Keystone correction | Horizontal : Approx ±20 Max degrees (Manual) , Vertical : Approx ±20 Max degrees (Auto+Manual) | | |
| Input terminals (Visual) | Mini D-Sub 15pin | 2 <Computer1 In , Computer2 In or Computer1 Out (Selectable), R/G/B: 0.7Vp-p/75ohm, H/V Sync: 4.0Vp-p/TTL Level, Composite Sync: 4.0Vp-p/TTL Level, Y: 1.0Vp-p/75ohm (with Negative Polarity Sync), Cb/Cr: 0.7Vp-p/75ohm | |
| | HDMI ® (Type A 19pin) | 2 HDMI <HDMI In> | |
| | RCA (Video) | 1 <Video>, Composite Video: 1.0Vp-p/75ohm, Compatible signals: NTSC/NTSC4.43/PAL/PAL-N/PAL-M/PAL-60/SECAM | |
| Input terminals (Audio) | RCAx2 | 1 (RCAx2) <Audio L/R>, For Video, Stereo L/R : 0.5Vrms/22kohm or over | |
| | Stereo mini Jack | 1 (RCAx2) <Audio L/R>, For Video, Stereo L/R : 0.5Vrms/22kohm or over | |
| Output terminal | Mini D-Sub 15pin | 1 <Computer2 In or Computer1 Out (Selectable)> | |
| | Audio | 1 <Audio out>, Selected from : Computer/Video/HDMI1/HDMI2 | |
| USB port | Type A 1<USB> for USB Memory or Wireless LAN, 1.0A for external output. Type B 1<USB> for USB display | | |
| Built-in speaker | 16W Monaural | | |
| Usage environment | Operational temperature | 41 to 104deg.F (5 to 40deg.C), 20 to 80% Humidity (Non-Condensing) (ECO mode selected automatically at 95°F to 104°F/35°C to 40°C) | |
| | Storage temperature | 14 to 122deg.F (-10 to 50deg.C) , 20 to 80% Humidity (Non-Condensing) | |
| Power requirements | 100-240VAC 50/60Hz | | |
| Input current | 1.6A | | |
| Power consumption (typical) | ECO mode off | 299W@200V | |
| | ECO mode | 205W@200V | |
| | Standby (Normal) | 0.5W or less@200V | |
| Dimensions (W x H x D) | 459mm x 225mm x 381mm / 18.08"x 2.86"x 15.12" inch | | |
| Weight | 5.2Kg | | |
| OSS *4 | Yes | | |

Note :
 *1 : It lights up continuously
 *2 : This is the light output value (lumens) when the [PRESET] mode is set to [HIGH-BRIGHT] and set to [Auto ECO].
 If any other mode is selected as the [PRESET] mode, the light output value may drop slightly.
 *3 : Compliance with ISO21118-2012

Aries Distance Chart

XGA

| 0.63 inch LCD | | C= 0.01 * x + -0.011 - 22.8 | | | | | | | | | | | | | | |
|---------------|---------|--------------------------------|------|------|------|------|-----|------|------|---|---|---|----|------|---|---|
| Width | Height | | | | | | | | | | | | | | | |
| XGA 1024 | 768 | | | | | | | | | | | | | | | |
| LCD 12.8 | 9.6 mm | C:Throw distance[m] | | | | | | | | | | | | | | |
| Pixel 12.5 | 12.5 μm | X:Screen Size (Diagonal)[inch] | | | | | | | | | | | | | | |
| Lens-Cabinet | 22.8 mm | | | | | | | | | | | | | | | |
| Lens Offset | 5.28 mm | | | | | | | | | | | | | | | |
| Screen Size | | | | | | | | | | | | | | | | |
| Diagonal | | B | | C | | D | | α | | | | | | | | |
| inch | mm | inch | mm | wide | tele | inch | mm | wide | tele | | | | | | | |
| 50 | 1270 | 40 | 1016 | 30 | 762 | 17 | 419 | 18 | 455 | - | - | 2 | 38 | 42.6 | - | - |
| 60 | 1524 | 48 | 1219 | 36 | 914 | 20 | 503 | 22 | 552 | - | - | 2 | 46 | 42.3 | - | - |
| 70 | 1778 | 56 | 1422 | 42 | 1067 | 23 | 587 | 26 | 650 | - | - | 2 | 53 | 42.1 | - | - |
| 80 | 2032 | 64 | 1626 | 48 | 1219 | 26 | 671 | 29 | 748 | - | - | 2 | 61 | 41.9 | - | - |
| 90 | 2286 | 72 | 1829 | 54 | 1372 | 30 | 754 | 33 | 845 | - | - | 3 | 69 | 41.8 | - | - |
| 100 | 2540 | 80 | 2032 | 60 | 1524 | 33 | 838 | 37 | 943 | - | - | 3 | 76 | 41.6 | - | - |
| 80 | 2032 | 64 | 1626 | 48 | 1219 | 26 | 671 | 29 | 748 | - | - | 2 | 61 | 41.9 | - | - |

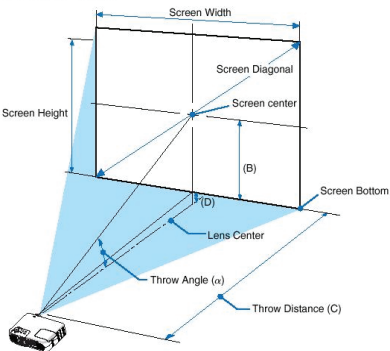
B=Vertical distance between lens center and screen center
 C=Throw distance
 D=Vertical distance between lens center and bottom of screen(top of screen for desktop)
 α=Throw angle

WXGA

| 0.59 inch LCD | | C= 0.01 * x + -0.011 - 22.8 | | | | | | | | | | | | | | |
|---------------|---------|--------------------------------|------|------|------|------|-----|------|------|---|---|---|-----|------|---|---|
| Width | Height | | | | | | | | | | | | | | | |
| WXGA 1280 | 800 | | | | | | | | | | | | | | | |
| LCD 12.8 | 8.0 mm | C:Throw distance[m] | | | | | | | | | | | | | | |
| Pixel 10.0 | 10.0 μm | X:Screen Size (Diagonal)[inch] | | | | | | | | | | | | | | |
| Lens-Cabinet | 22.8 mm | | | | | | | | | | | | | | | |
| Lens Offset | 5.28 mm | | | | | | | | | | | | | | | |
| Screen Size | | | | | | | | | | | | | | | | |
| Diagonal | | B | | C | | D | | α | | | | | | | | |
| inch | mm | inch | mm | wide | tele | inch | mm | wide | tele | | | | | | | |
| 50 | 1270 | 42 | 1067 | 26 | 660 | 17 | 436 | 19 | 485 | - | - | 4 | 106 | 41.9 | - | - |
| 60 | 1524 | 51 | 1295 | 32 | 813 | 21 | 536 | 23 | 588 | - | - | 5 | 130 | 42.4 | - | - |
| 70 | 1778 | 59 | 1499 | 37 | 940 | 24 | 620 | 27 | 692 | - | - | 6 | 150 | 41.9 | - | - |
| 80 | 2032 | 68 | 1727 | 42 | 1067 | 28 | 704 | 31 | 796 | - | - | 7 | 171 | 41.5 | - | - |
| 90 | 2286 | 76 | 1930 | 48 | 1219 | 32 | 805 | 35 | 900 | - | - | 8 | 195 | 41.8 | - | - |
| 100 | 2540 | 85 | 2159 | 53 | 1346 | 35 | 888 | 39 | 1003 | - | - | 8 | 215 | 41.5 | - | - |
| 80 | 2032 | 68 | 1727 | 42 | 1067 | 28 | 704 | 31 | 796 | - | - | 7 | 171 | 41.5 | - | - |

B=Vertical distance between lens center and screen center
 C=Throw distance
 D=Vertical distance between lens center and bottom of screen(top of screen for desktop)
 α=Throw angle

Distance Chart



B = Vertical distance between lens center and screen center
 C = Throw distance
 D = Vertical distance between lens center and bottom of screen (top of screen for ceiling application)
 α = Throw angle

NOTE: Distances may vary +/-5%.



- Do not stare into the lens while in use.
- The projector can be unplugged during its cool down period after it is turned off. Parts of the projector become heated during net is hot. 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 cabi

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