Manage Your Projector Set-Up, Simply, Quickly and Perfectly.

By applying the Auto Screen Adjustment function to Geometry Manager Pro software, you can greatly save installation time and costs. You can also set up multiple projectors automatically and simultaneously.

Before

Several professional techniques were required for multi-unit projection, it is time consuming to achieve a high-quality visual performance.

- Geometric adjustment
- Stacking
- Edge blending
- Black level adjustment
- Color matching
- Brightness adjustment

Adjustment finished.

After

Beautiful projection takes 3 quick, easy steps. Auto Screen Adjustment almost completes the installation of multiple projectors by itself.

Step 1  Projector set-up
Adjust the lens zoom/shift/focus to cover the whole screen area.

Step 2  Camera and screen set-up
Set the camera to cover the screen area and select multiple points on the edge of the screen by PC.

Step 3  Auto adjustment
Automatically calibrate correction value and reflect the suitable adjustment to each projectors via Geometry Manager Pro software.
For more information about Panasonic projectors, please visit:
Projector Global Web Site – https://panasonic.net/cns/projector
Facebook – www.facebook.com/panasonicprojector
YouTube – www.youtube.com/user/PanasonicProjector

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Panasonic

**Geometry Manager Pro Software**
Maximize the projector's performance with Geometry Manager Pro
You can make the projector more flexible by upgrading the software. Combining the ET-CUK10 Auto Screen Adjustment upgrade kit lets you maximize the projector’s performance by minimizing set-up time and costs.

**Geometry Manager Pro Software**
Free Software downloadable from PASS system

**Upgrade Kit for Geometry Manager Pro (ET-UK20)**
More Flexible & Functional
Activate through PASS system

**System Configuration**

**Supported Projectors**

**Connection**
- LAN

**Number of Projectors**
- Max 99 units (Horizontal 4 units x Vertical 4 units x Stacking 6 units per 1 camera, Max 6 cameras)

**Key Functions**
- Automatically adjust Geometry, Edge Blending, Curved Screen, Stacking, Color & Brightness, Black level, White Balance

**Requirement**
- Geometry Manager Pro Software Ver.3.3 or later
- Projector’s Firmware version
  - PT-DZ21K/DS20K: ver.4.0 or later
  - PT-DZ13K/DS12K/DZ870: ver.3.0 or later

**Cameras and Lenses**
- DSLR (Nikon)*1
  - w/ Normal Zoom: AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR
  - Wide-angle Zoom: AF-S DX NIKKOR 10-24mm f/3.5-4.5G ED
  - High-power Zoom: AF-S DX NIKKOR 18-140mm f/3.5-5.6G ED VR
- Normal Zoom: AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR II *2
- Normal Zoom: AF-P DX NIKKOR 18-55mm f/3.5-5.6G VR *3

**Activation Method**
- Get the Activation Pass-code through ‘PASS’ System
  - [ET-CUK10] One Pass-code per projector
  - [ET-CUK10P] One Pass-code per PC

**Applicable Screens**
- Flat
- Cylindrical shape
- Elliptical shape
- S-Shape

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**Specification**

- **Auto Screen Adjustment Upgrade Kit (ET-CUK10)**
- **Auto Screen Adjustment Upgrade Kit for PC (ET-CUK10P)**

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**Key Functions**
- Automatically adjust Geometry, Edge Blending, Curved Screen, Stacking, Color & Brightness, Black level, White Balance

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All information included here is valid as of January 2018.

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