



# KD-PS42

## Module Setup Guide (V.1.0)

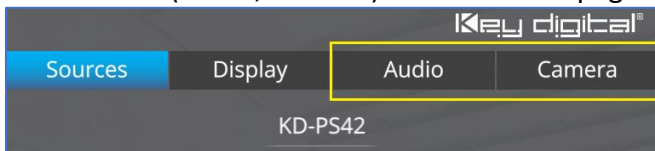
**About:**

KD-PS42 is a 4K/18G Presentation Switcher kit with CEC Manager™, auto switching, and audio de-embedding creating a user-friendly, simplified presentation system. KD-PS42 can control KD-AMP220 and/or KD-CAMUSB direct.

It features 3 HDMI and 1 HDBaseT input which integrates natively with HDMI + Display Port. Mirrored HDMI and HDBaseT outputs enable audience + presenter views and the HDBaseT output marries in with the included KD-X40MRx for integrating monitors or projectors.

**Setup Communication:**

- This module supports to control KD-PS42 that are controlled over TCP/IP on port 23.
- The module will detect if KD-AMP220 or KD-CAMUSB is connected and then it will display each tab (Audio, Camera) in the module page.



In order to display the tabs, please set the following variables via KDMS Pro:

1. **CAMUSB Control Mode** : "1" (# of camera)
2. **AMP220 Mode** = "ON"

**Setup Variables:**

In the module editing page, please insert the camera ID and set names of camera positions.

[For more details, please see Appendix 1.](#)

- Variable names for a user to enter values.
  - **KD\_CAMUSB\_Selected\_ID:**  
Enter KD-CAMUSB ID that is assigned by the dip switch at the bottom of the camera. The default ID is set to "1".
  - **KD\_CAMUSB\_Position:**  
Array of camera position for presets. Up to 9 positions available.

**Setup Complete:**

Upload and update the project for use.

**Compass Control® Pro Offers:**

- KD-PS42
  - Input video switching
  - CEC control for display 1 & 2
    - Display on/off
    - Volume up/down
    - Audio/Video Mute on/off
- KD-AMP220
  - Audio inputs switching
  - Audio Mute on/off
  - Master/Mic volume control
- KD-CAMUSB
  - Control movement
  - Preset desired positions up to 9
  - Set Camera ID
  - Set Camera position  
(Please see Appendix 1.)

**How to Use KD-CAMUSB Preset:**

- **To store presets**
  1. Move camera to the desired position.
  2. Press "Save Preset" button.
  3. Select one of list of presets to save the position. (Position list can be scrolled up).



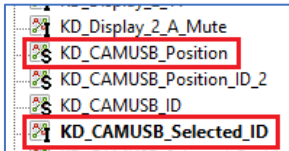
- **To recall presets**
  1. Select the position from the list you want to recall

## Appendix 1.

### [Set camera ID]

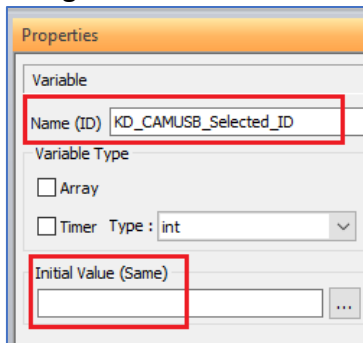
Follow below if the Camera ID is not “1”.

1. In Compass Navigator, go to the editing page of the KD-CAMUSB module.
2. Select the variables tab. Then, click “KD\_CAMUSB\_Selected\_ID” under module folder.



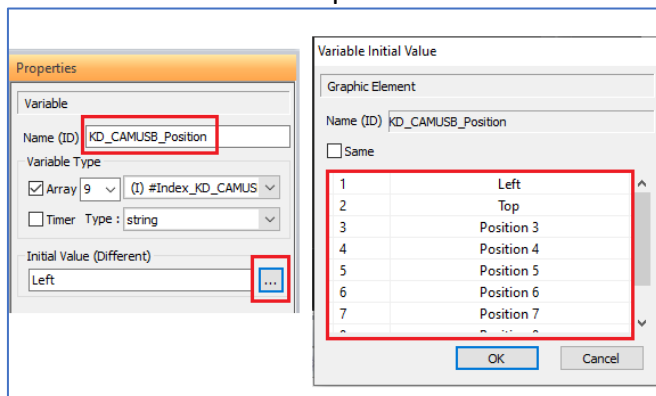
3. The Camera ID, default value is “1”.

If you want to change Camera ID, go to properties on the right side of Compass Navigator and enter the value of ID.



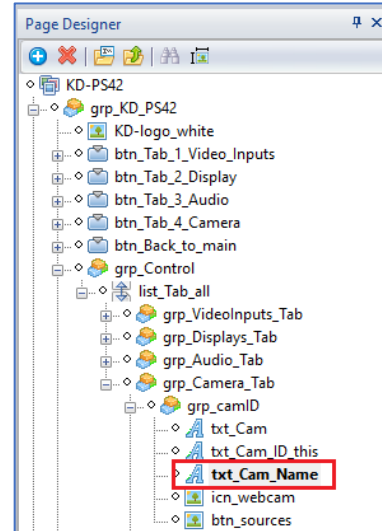
### [Set names of camera positions]

1. Select the variables tab. Then, click “KD\_CAMUSB\_Position” variable under module folder.
2. Go to properties on the right side of Compass Navigator. Enter the desired names of camera positions.



### [Set name of camera]

1. Click “txt\_Cam\_Name” variable in the Page Designer.



2. Go to properties on the right side of Compass Navigator. Enter the desired name of camera in the text box (marked in red).

