



KD-UPS52U

Module Setup Guide (V.1.0)

About:

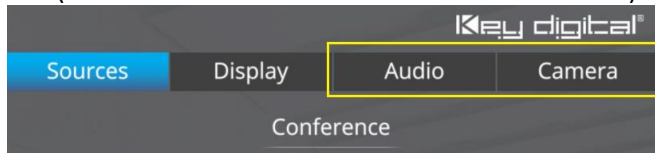
KD-UPS52U is a 4K/18G presentation switcher kit with CEC Manager™, auto switching, and audio de-embedding creating a user-friendly, simplified presentation system. KD-UPS52U features two HDMI, 1 Display Port, 1 USB-C, and 1 HDBaseT input.

Setup Communication:

- This module supports to control KD-UPS52U that are controlled over TCP/IP on port 23.
- This module can control simultaneously up to **two KD-CAMUSB units**. Make sure set the correct the camera’s ID by the dip switch on the bottom side of KD-CAMUSB.
 - CAM 1: Camera ID is 1
 - CAM 2: Camera ID is 2



- The module will show up “Audio” and/or “Camera” tab if KD-AMP220 or KD-CAMUSB is configured properly in the system.
(*Note: see the manual for detailed installation.)



To display those tabs, please set the following variables through KDMS Pro:

1. **AMP220 Mode = ON**
2. **CAMUSB Control Mode = 1 (# of camera)**
(If 2 cameras, set 2)

Setup Variables:

In the module editing page, please insert names of camera preset positions & camera name(s).
[For more details, please see Appendix 1.](#)

- Variable names for a user to enter values.
 - **KD_CAMUSB_Position:**
Array of camera position for presets.
Up to 9 positions available. [\[CAM 1\]](#)
 - **KD_CAMUSB_Position_ID_2:**
Array of camera position for presets.
Up to 9 positions available. [\[CAM 2\]](#)

Setup Complete:

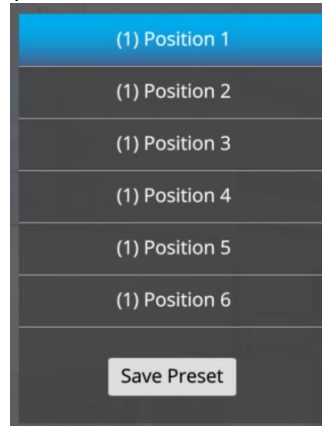
Upload and update the project for use.

Compass Control® Pro Offers:

- KD-UPS52U
 - Video switching
 - CEC control for display 1 & 2
- KD-AMP220
 - Audio switching/Mute control
- KD-CAMUSB
 - Control camera position
 - Preset desired positions up to 9

How to Use KD-CAMUSB Preset:

- **To store presets (9 positions available)**
 1. Move camera to the desired position.
 2. Press “Save Preset” button.
 3. Select one of presets to save the position.
(Position list can be scrolled up and down).



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

**For multiple camera control, please see Appendix 2.*

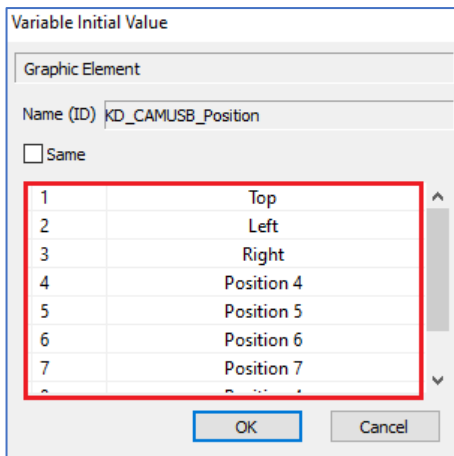
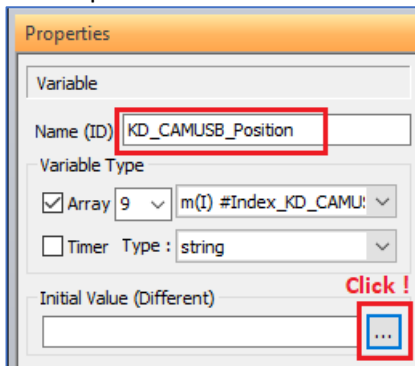
Appendix 1.

Follow this step FIRST before you start:

In Compass Navigator, go to the editing page of the KD-CAMUSB module.

[Set names of camera preset positions]

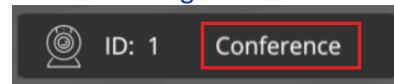
1. Select the variables tab.
2. Click “KD_CAMUSB_Position” variable under module folder. (For CAM 1)
3. Go to properties on the right side of Compass Navigator. Enter the desired preset names of camera positions.



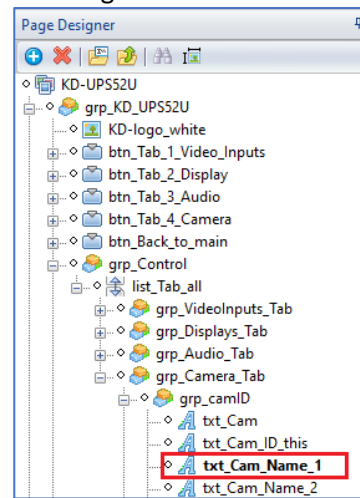
4. If you have the second camera (CAM 2) to control, click “KD_CAMUSB_Position_ID_2” and follow the step 3.

[Set name(s) of camera]

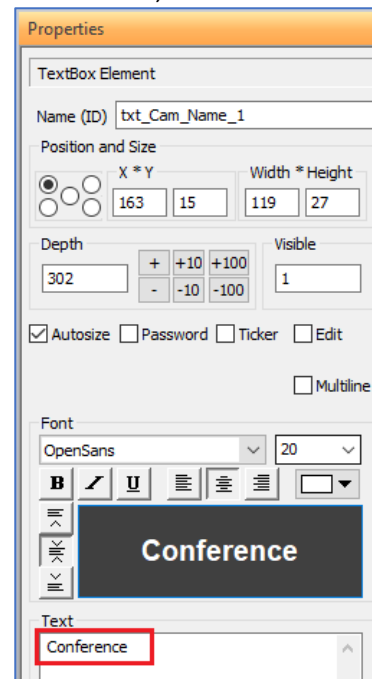
This is to change the below camera name.



1. Click “txt_Cam_Name_1” 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.



3. If you have the second camera (CAM 2), click “txt_Cam_Name_2” variable and follow step 2.

Appendix 2.

For controlling one or two cameras,

First camera **MUST** be set to the camera ID 1.

Second camera **MUST** be set to the camera ID 2.

(Camera ID is decided by the bottom dip switch).

If you want to control ONE KD-CAMUSB:

1. Make sure the camera ID sets 1.
2. Update preset names & camera name using Appendix 1.
3. If you run the module, you will see only ONE button "CAM 1" and camera ID & name shown on the right side.



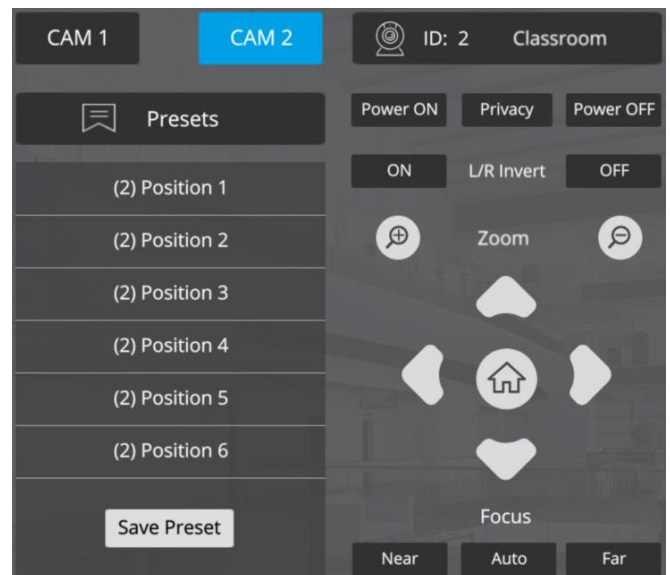
*Note: This module supports only two cameras for control. If you want more than two, please contact our Tech Support.

If you want to control TWO KD-CAMUSB:

1. Make sure each camera sets correct camera ID.
2. Update preset names & camera names from Appendix 1.
3. If you run the module, you will see TWO buttons, "CAM 1" and "CAM 2", and camera ID & name shown on the right side.
4. Whenever you select CAM 1 or CAM2, preset list will be updated as well as the ID & camera name on the right side.



[When CAM 1 selected]



[When CAM 2 selected]