

# Chroma Keying

★ In chroma key, the key signal is created using a specific hue of the key fill signal as a reference.

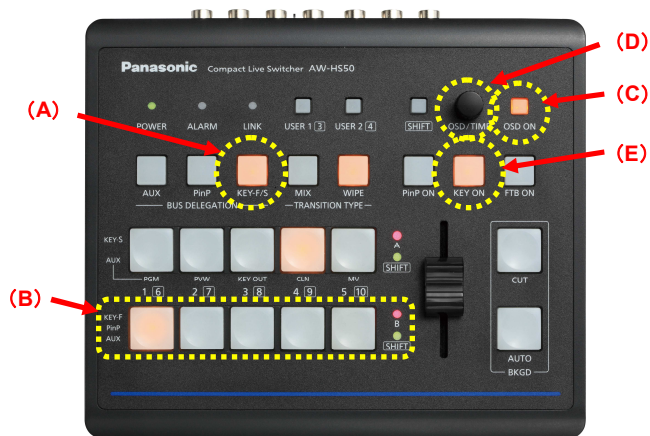
For instance, the color of the background is sampled (detected) from the image of a person standing in front of a specific background color so that the key signal is created, and a different background is combined. As the color of the background, green or blue is commonly used.



## (Selecting the key materials)

- ① Press KEY-F/S button – (Fig.1-A) to set the crosspoint buttons to key bus selection mode (KEY-F/S button lights up).
  - ② Using the B bus buttons, select the key fill signal. – (Fig.1-B)
- \* The chroma key functions as the self key, so the key fill signal is used as the key source signal.
- ③ Press KEY-F/S button to release the key bus selection mode of crosspoint buttons.

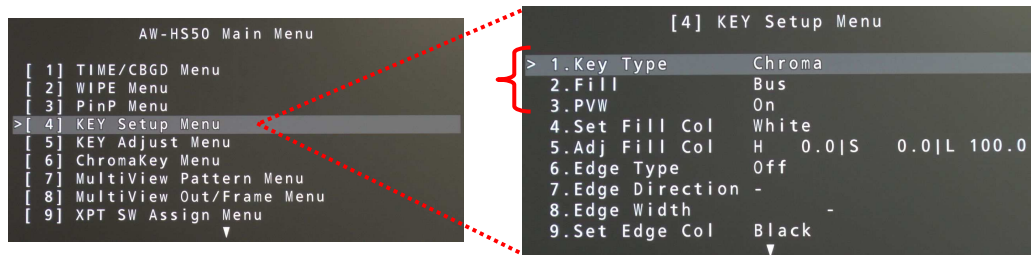
(Figure 1: AW-HS50 Control Panel)



## (Key setup)

- ⑤ Hold down the OSD ON button – (Fig.1-C) to open the menu. (To close it, hold down the button again.)
- ⑥ Use the OSD/TIME dial – (Fig.1-D) to set the key type to [Chroma] and the fill type to [Bus].
  - [4] KEY Setup Menu > 1. Key Type => [Chroma] – (Fig.2)
  - [4] KEY Setup Menu > 2. Fill => [Bus] – (Fig.2)
- ⑦ An image with key effects added can be output for PVW image to adjust and check the key.
  - \* Put the setting for output signal to [MV], etc. in advance so that PVW can be checked.
  - [4] KEY Setup Menu > 3. PVW => [On] – (Fig.2)

(Figure 2: AW-HS50 Menu Display Screen)

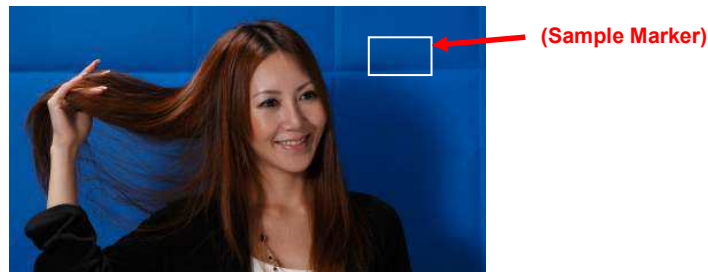


### (Chroma key adjustment)

⑧ To sample the chroma components, set the sample marker to [ON].

- [6] ChromaKey Menu > 1. Marker => [ON] – (Fig.3)

\* On PVW screen, “the image selected at Step② + sample marker” will be displayed.



⑨ Adjust the position (X: coordinate, Y: coordinate) and size (S) of the marker so that it is placed on the area (color) to be sampled.

- [6] ChromaKey Menu > 3. Marker Pos => [X, Y, S] – (Fig.3)

\* By adjusting the setting below, the aspect ratio of sample marker can be changed.

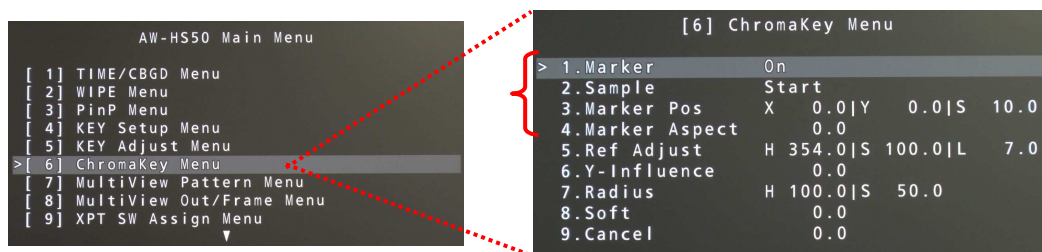
- [6] ChromaKey Menu > 4. Marker Aspect – (Fig.3)

⑩ Sample the hue components of the area selected by the sample marker

- [6] ChromaKey Menu > 2. Sample => Execute [Start]. – (Fig.3)

⑪ Press KEY ON button – (Fig.1-E) to combine the key material.

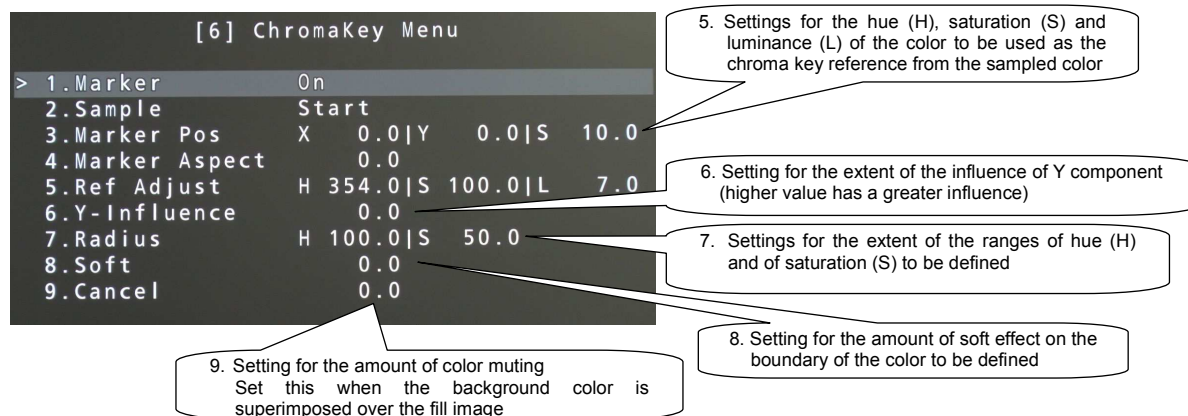
(Figure 3: AW-HS50 Menu Display Screen)



★ By adjusting the settings in the following menu items, you can adjust how the chroma key is to be defined.

Set or adjust the settings for the menu items in [6] ChromaKey Menu. – (Fig.4)

(Figure 4: AW-HS50 Menu Display Screen)



\* For the details of each item, please see pp. 15 – 16 of Operating Instructions <Operations and Settings>.