

4" Starlite Color

The 4" Starlite Color monitor has 2 knobs (one black, one blue) to control all its features. The knobs can be used by turning them (manual mode) or by pressing them (digital mode).

On/Off:

Press firmly for a second the two knobs simultaneously to turn the monitor ON or OFF.

Basic Settings:

Turn the black knob to scroll through the basic settings: Contrast, Brightness, Tint (in NTSC) and Saturation. With the word **Contrast** displayed, press the black knob firmly: a green scale and digital read-out (from -30 to +30) are displayed to the right of the word Contrast. With the scale displayed, turning the black knob clockwise will increase the contrast, turning the black knob counterclockwise will decrease the contrast. When the contrast is set to your liking, press again firmly the black knob to exit the adjustment scale. Turning the black knob now will display the next setting: Brightness. Repeat this operation for Brightness, Tint (in NTSC) and Saturation adjustments.

CONTRAST  00


Menu Functions:

Press the blue knob: the first page of the main menu is displayed: Turn the blue knob to scroll up or down the various functions.

Main Menu Page 1:

SCAN
PICTURE FX
FORMAT
MODE
STANDARD
FACTORY PRESET
EXIT

Main Menu Page 2:

TINT  00
BRIGHTNESS  00
CONTRAST  00
SATURATION  00
SHARPNESS  5
TOOLS Waveform
Lock Horizon*
None

* If Virtual Horizon installed.

Navigating in the sub-menus:

Once a function name is in red, its sub-menu is simultaneously displayed. Note: In the sub-menu the option previously selected is red with a blue dot to its left. Press down briefly the blue knob to enter the sub-menu. Then turn the blue knob to scroll up & down through the various sub-menu options. Once the desired sub-menu option is red, pressing again the blue knob will simultaneously select this option and return to the main menu.

Customer assigned functions:

The Blue knob can be assigned any function except Exit, Factory Pre-set, Standard and Lock. Assigning a function to the blue knob: scroll up the menu until the desired function name is in red, push and keep down the blue knob until a blue dot appears before the function name.

After exiting from the main menu, turning the blue knob will scroll through the different settings of the chosen function.

1/ Factory Preset:

With the main menu displayed, turn the blue knob until the words **Factory Preset** change from green to red. Press the blue knob once to download the factory settings. This resets the monitor like if it just came out of the factory.

2/ STANDARDS (PAL / SECAM / NTSC):

Turn the blue knob again until the word **Standard** changes from green to red.

With **Standard** in red, the standards sub-menu is displayed. Push once again the blue knob to enter the standards sub-menu.

The standard previously selected is now in red with a blue dot in front. Scroll up & down by turning the blue knob to select a different standard. As the standard you wish to select is displayed in red, press again on the blue knob. This will place a blue dot before the standard name you have chosen and it will at the same time return to the main menu.

Main Menu Page 1 Standard Sub-menu:

SCAN	
PICTURE FX	
FORMAT	
MODE	
STANDARD ..	● PAL BG
....	NTSC 3.58 (US)
FACTORY PRESET	NTSC 3.58 (JP)
	SECAM
	PAL M
	PAL N

3/ Mode: Blue Check/ Color / Black & White / Green Screen:

In the Main menu scroll up by turning the blue knob until **Mode** is in red and the Mode sub-menu is displayed. Push in the blue knob to enter the Mode sub-menu. The mode previously selected is now in red with a blue dot in front. Scroll up & down the sub-menu to select the display mode of your choice.

As the mode you wish is displayed in red, push again on the blue knob. This places a blue dot before the mode chosen and at the same time it returns to the main menu.

Main Menu Page 1 Mode Sub-menu:

SCAN	
PICTURE FX	
FORMAT	
MODE	● BLUE CHECK
STANDARD	COLOR
FACTORY PRESET	B & W
EXIT	GREEN

4/ FORMAT: Switching between 4:3, 16/9:

Scroll up with the blue knob until the word **Format** is red. The format sub-menu is displayed. Push on the blue knob again to enter the sub-menu. The Format previously selected is now in red with a blue dot in front. Scroll up & down the sub-menu to select the 4:3 or 16/9 format. As the format you wish is in red, push again on the blue knob to select it.

5/ Picture FX: Horizontal flip/ vertical flip / Monit. Reverse / Monit Auto RV / Vert. Auto Flip:

Horizontal or Vertical Flips can be done independently or simultaneously.

See " Navigating in the Sub-menus" section of this manual to choose between the various options. Flips and Reverses become effective only after exiting the Main menu.

- **Monitor Reverse:** The angle of view of the monitor is symmetrical left and right. The vertical angle of view is not symmetrical (see specs).

If the monitor is installed above eyes-level, so that the user must look up at it, setting the monitor in the "Monitor reverse" mode will allow to hang the monitor upside down and use the best angle of view. This feature is also useful to left-handed users to have the controls on the left side of the monitor.

- **Monitor Auto-Reverse:** when activating this function, the image will be automatically reversed when the monitor is turned upside down. This feature is especially usefull to body-mount operators.

- **Vertical Auto-Flip:** the image will be automatically be flipped vertically when the monitor is turned upside down.

6/ SCAN: Full / Brdcst / U-Scan Options:

Select Full Screen, Broadcast or Under-Scan. See " Navigating in the Sub-menus" section of this manual to choose between the various options.

Scroll up past the Scan function to display page 2 of the Main Menu.

7/ Lock:

With the word Lock in red, press quickly the blue knob. A blue dot appears before the word **Lock** to show it is enabled. The Lock function prevents access to the main menu. To unlock the monitor: press several seconds on the blue knob until the word **Lock** disappears. You are now in the main menu. Scroll up until the word **Lock** is red. Press once the blue knob to remove the blue dot before the word Lock and disable the Lock function.

8/ Tools:

The Waveform function is built in all 4" Starlite Color monitors. With the words **Tools** and **Waveform** red, press and keep pressed down the blue knob so that it controls the waveform function after exiting the menus. Exit the main menu. Turning the blue knob will now change the reference point of the waveform scale.

The Virtual Horizon is an option. With the words **Tools** and **Horizon** red, press and keep pressed down the blue knob so that it controls the Horizon function after exiting the menus. Exit the main menu. The Virtual Horizon is displayed over the picture in 1 of 3 renditions: large or bold scales on the screen's center, or a bubble at the bottom. Turning the blue knob now scrolls through these 3 renditions, or removes the horizon indicator completely. Setting the monitor's reference position (after the monitor is ON for 3 minutes): With the camera lens levelled, secure the monitor position

so it no longer moves. Press the blue knob down until the countdown (0 to 6) appears on the bottom right corner of the screen. The indicator lines / bubble are now green. If the camera position is moved to a slight dutch angle, the indicator becomes yellow, as the dutch angle increases the indicator becomes red.

9/ Sharpness, Saturation, Contrast, Brightness and Tint (in NTSC):

These 5 settings can all be adjusted from the single main menu screen, instead of one by one with the black knob. The Sharpness setting facilitates focus pulling. With the setting word in red, press the blue knob to get inside the scale, turn the blue knob to change the setting, press the blue knob again to exit back to the main menu.

TECHNICAL SPECIFICATIONS

Input: Nominal Levels:	Composite Composite, 1V / 75Ω
LCD Screen: Useful diagonal Number of pixels Matrix Pixel arrangement Sight angle Brightness	3.8" (9.7 cm) 320 (H) x 240 (V) X RGB Active TFT RGB Stripe +/- 65° (H) + 65°/-40° (V) SuperBright model: 1000 NIT* High Brightness model: typ.450 NIT*
Mechanic: Dimensions in mm in inches Weight	130.9 (l) x 76 (h) x 36.5 (d) 5.2 (l) x 3 (h) x 1.4 (d) 350 g , 0.75 lbs
Power Input/Consumption Connector	+ 8.5 to 36v DC / Typ. 7W Fischer 4 pins 1: Grd, 2: Video Grd, 3: Video in, 4: DC in
Operating temperature	-°30C + °55C

* These values vary with voltage input. V1.06

Warning: Like all equipment including a liquid crystal display, this monitor should not be exposed to extremely low temperatures (see specs above).

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