

5" 4/3 - 16/9 Rainbow II Monitor



The 5" Rainbow II™ accepts NTSC, PAL and SECAM. With an outstanding viewing angle and optimized performance in full sun, it combines the simplicity of the original 5" Rainbow with advanced functions.

The 4 metal potentiometers can be used by turning them (manual mode) or by pressing them (digital mode). The manual mode provides adjustments for Brightness, Contrast, Saturation and Hue in NTSC. More advanced features such as Sharpness, Flips, Display modes and Ratios are achieved in digital mode. The Lock function prevents accidental activation of the digital mode: once "locked" the monitor operates like a 5" Rainbow I™.

The image can be displayed in Full, Broadcast or Under-Scan Modes. With a built-in 16/9 Format Converter, the 5" Rainbow II™ can be switched between 4:3 and 16/9. With the Anamorphic option added the monitor can be switched between 4:3, 16/9 and Anamorphic.

The 5" Rainbow II™ offers a Processed Video Out: if the monitor is set in 16/9 the output will also be 16/9. This processed signal can be fed to other monitors, recorders or transmitters.

A traditional straight Video Output (unprocessed signal) is also available. The 5" Rainbow II™ is easily switched between 3 Composite Video inputs.

The Auto-Reverse function is especially designed for Body-mount Operators: the image is automatically reversed when the monitor is turned upside down.

MAIN FEATURES

- Built-in 16/9 Format Converter with processed Video-out. Anamorphic option available.
- Excellent off-axis view
- Full, Broadcast & Under-Scan Modes
- Lock function
- Viewable in full sun without hood.
- Input from 10 to 36v DC
- New extra-rugged housing.

TECHNICAL SPECIFICATIONS

3 Inputs:	2 Composite (BNC) 1 Composite (Hirose 6)
2 Outputs:	1 Automatic loop through (BNC) 1 Processed Video Out (Hirose 6)
Nominal Levels: Composite	1V / 75Ω
Useful diagonal Number of sub pixels Number of pixels Matrix Pixel arrangement	5" (12.6 cm) 960 (H) x 234 (V) 320 (H) x 234 (V) Active TFT RGB Stripe
Sight angle Brightness	+/- 65° (H) +40°/-60° (V) SuperBright model: 700 NIT* High-Brightness model: typ. 320 NIT*
Dimensions in mm Dimensions in inches Weight	135 (l) x 100 (h) x 57 (d) 5.3 (l) x 3.9 (h) x 2.25 (d) 620 g, 1.25 lbs
Power Input Power Consumption Power Connectors Accessory Connector	+10 to 36v DC typ. 12.5W XLR 4 pins (-1, +4) Hirose 6 (2 Video in, 3 DC in/out, 6 Video out processed, 1, 4 & 5 Grnd)
Operating temperature	-30°C + 60°C

* These values vary with brightness input