



## LM5109: TFT MONITOR FOR OUTDOORS PRODUCTION (8.4")

This brand new TFT monitor from Kroma has been specially designed having in mind the requirements of shooting crews (ENG...). It consists of an active matrix in high resolution (1024x768 pixels) and with the widest colour range (*Full Colour*) as well as an excellent viewing angle ( $\pm 85^\circ$  Horizontally and Vertically). With an unbeatable response time, user will enjoy the best picture quality.

LM5109 is controlled by microprocessor which guarantees a full operativeness. The keyboard at the front panel and the OSD (On-Screen Display) allow an easy and quick access to all the features.

It is provided with **2xPAL/NTSC/SECAM (Multistandar) video inputs** with loop-through, according to UIT-R BT.470 / SMPTE 170M international standards, **1xSDI** video input (D1, UIT-R BT.601) with loop-through and **2xAnalogue Audio Inputs** (thru 3-pin XLR connectors) 50%-mixed. These external audio sources as well as the embedded audio from the SDI input can be output thru the built-in speaker for audio-monitoring purposes.

The SDI video input is an option and is activated via password. There is no need to plug any board neither send the equipment back to Kroma.

The carry handle can be tilted and used as a desktop support to better fit the position of the user. Screen is protected with an anti-reflect film cover to avoid scratches. BNC connectors at the rear panel are also protected with metal gears. A sun hood is also available.

LM5109 can be powered with batteries (Anton Bauer, Sony, etc) or external power supply (thru a 4-pin XLR connector, which prevents it from being accidentally disconnected in dynamic environments). A switcher on the rear panel is used for changing these two types of power supply.

Aspect ratio can be 4:3 and 16:9.

All the features above make LM5109 the perfect monitor for field production.

## TECHNICAL ESPECIFICATIONS

High Wide Deep	Weight	Consumo	Resolution	Dot Pitch	Viewing Angle	Pixel	Active Active	MTTF Brightness	Contrast Ratio	Frequency Response	Response Time	Options
178mm 220mm 63mm  (without handle)	2,5 Kg approx	30 W	1.024x768	H 0.055  V 0.165	H $\pm 85^\circ$  V $\pm 85^\circ$	Stripe	170x127 mm	50.000 Hours  400 cd/m2	400:1	5,75 Mhz  $\pm 0,1$ db	10 ms	1xSDI W/Loop

Specifications are subject to change without prior notice.

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