

# KROMATELECOM



## LM5000 SERIES TFT MULTIFORMAT MONITORS IN 8,4" , 15" & 18,1"

This new range of TFT monitors in 8,4" (2 units in 19" rack), 15" & 18,1" are high quality broadcast product, using the ultimate technology. They are designed for the most demanding Broadcast applications. They are lightweight and have a very low power consumption, making it ideal for compact spaces such as Studios, OB vans & control rooms, specially in those where space and power consumption is a key factor.

The 8,4" TFT monitor has a display (1024 x 768 pixels), at 15" (1024 x 768 pixels), and at 18" (1280 x 1024 pixels), all of them are high resolution, brightness and full colour. They have an excellent vision angle, giving the best all-round image.

These equipments have as standard input analog "RGB" for a connection to a PC (15 pins subD connector).

These monitors are controlled by a microprocessor, allowing the easy use of the keyboard located in the front panel. All functions are quickly accessible through the on screen menu system (OSD).

The available options are two PAL/NTSC/SECAM inputs according to specifications issued by ITU-R BT.470 / SMPTE 170M and two SDI inputs (D1) ITU-R BT.601, with passive loop-through. The SDI module allows the user to extract the embedded audio and output it in Analogue or AES EBU Digital form.

The 8,4" TFT monitor can be also powered by batteries.

All these TFT monitors can be rack mounted in a 19" standard rack or they can also be placed on a desktop. Desktop versions are fitted with a tilting front panel to provide the best vision angle.

On the front panel there is a bright red LED for the "On-Air" Tally Light, which can be activated in 3 ways.

The external power supply is connected by means of a threaded connector in the rear panel which prevents accidental disconnection in a dynamic environment.

These high quality broadcast monitors have a response time of 10 ms, this technical feature is specially important in pictures with movement or the fast cameras movement, in order to avoid "Delay in the Picture".

These monitors are provided with facilities for 4:3 and 16:9. They can be controlled remotely.

# KROMATELECOM



## TECHNICAL SPECIFICATIONS

LM5009

NEW

Dimens: Height Width Depth	Weight	Consumption	Resolution	Dot Pitch	Vision Angle	Pixel	Active Area	B. LIGHT Cd/m <sup>2</sup>	Contrast Relation	Options	Frecuency Response	Response Time
178mm 220mm 63mm 4UR	approx. 2 Kg.	15 W	1024 x 768	H 0.0555 V 0.1655	+ - 85° H + - 85° V	Stripe	170x127 mm	50.000 Hours 400 cd/m <sup>2</sup>	400:1	2 PAL NTSC SECAM 2 SDI Remote Control	5,75 Mhz	10 ms

LM5015

Dimens: Height Width Depth	Weight	Consumption	Resolution	Dot Pitch	Vision Angle	Pixel	Active Area	B. LIGHT Cd/m <sup>2</sup>	Contrast Relation	Options	Frecuency Response	Response Time
265mm 443mm 74mm 6UR	approx. 4,2 Kg.	28 W	1024x768	H 0.297 V 0.297	+ - 85° H + - 85° V	Stripe	304x228 mm	50.000 Hours 400 cd/m <sup>2</sup>	300:1	2 PAL NTSC SECAM 2 SDI Remote Control	5,75 Mhz	10 ms

LM5018

Dimens: Height Width Depth	Weight	Consumption	Resolution	Dot Pitch	Vision Angle	Pixel	Active Area	B. LIGHT Cd/m <sup>2</sup>	Contrast Relation	Options	Frecuency Response	Response Time
356mm 442mm 74mm 8UR	approx. 5,5 Kg.	45 W	1280x1024	H 0.279 V 0.279	+ - 85° H + - 85° V	Stripe	359x287 mm	50.000 Hours 240 cd/m <sup>2</sup>	300:1	2 PAL NTSC SECAM 2 SDI Remote Control	5,75 Mhz	10 ms

### COMMON MODULES

LM5000X02 Two SDI video inputs at 10 bits in loop passive for 8,4", 15" & 18,1" TFT monitors.

LM5000X03 Two PAL/NTSC/SECAM video inputs for 8.4", 15" & 18" TFT monitors.

Specifications are subject to change without prior notice.

Kroma Telecom products are rugged, high quality and designed for broadcasters. They are manufactured in Spain by Kroma.

**KROMA TELECOM S.A.**

C/ La Granja 80 Pol. Ind. Alcobendas  
28108 Alcobendas Madrid Spain  
Tel: 34- 91- 661 45 14 Fax: 34- 91- 661 58 75  
e-mail: sales@kromatelecom.com  
WEB: www.kromatelecom.com

Distributed by: